

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\  
 Data File : BG045967.D  
 Acq On : 7 Jul 2020 20:01  
 Operator : CG/JU  
 Sample : PB129957BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129957BL

Quant Time: Jul 08 04:07:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 07 09:58:42 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 148064   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 593535   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 365869   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.37 | 188  | 735534   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.63 | 240  | 705795   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.79 | 264  | 696426   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.59  | 112  | 1105663  | 121.10 | ng    | 0.00     |
| 7) Phenol-d6                | 7.16  | 99   | 1519055  | 115.56 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.16  | 82   | 990529   | 96.06  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330  | 429921   | 126.61 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.26 | 172  | 1944102  | 82.88  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.99 | 244  | 2646890  | 83.46  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88   | 270      | 0.064 | ng    | # 25   |
| 3) Pyridine                    | 3.92  | 79   | 147      | 0.012 | ng    | # 1    |
| 4) n-Nitrosodimethylamine      | 3.82  | 42   | 165      | 0.038 | ng    | # 1    |
| 6) Aniline                     | 7.32  | 93   | 54       | 0.003 | ng    | # 24   |
| 8) 2-Chlorophenol              | 7.58  | 128  | 54       | 0.005 | ng    | # 33   |
| 9) Benzaldehyde                | 7.12  | 77   | 206      | 0.025 | ng    | # 6    |
| 10) Phenol                     | 7.22  | 94   | 65       | 0.005 | ng    | # 1    |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93   | 57       | 0.005 | ng    | # 19   |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146  | 55       | 0.005 | ng    | # 1    |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146  | 55       | 0.005 | ng    | # 1    |
| 14) 1,2-Dichlorobenzene        | 8.34  | 146  | 124      | 0.012 | ng    | # 1    |
| 15) Benzyl Alcohol             | 8.33  | 79   | 18118    | 1.758 | ng    | # 53   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45   | 62       | 0.004 | ng    | # 63   |
| 17) 2-Methylphenol             | 8.47  | 107  | 59       | 0.006 | ng    | # 12   |
| 18) Hexachloroethane           | 9.10  | 117  | 59       | 0.014 | ng    | # 1    |
| 20) 3+4-Methylphenols          | 8.72  | 107  | 61       | 0.005 | ng    | # 1    |
| 22) Acetophenone               | 8.84  | 105  | 129      | 0.008 | ng    | # 1    |
| 24) Nitrobenzene               | 9.22  | 77   | 143      | 0.013 | ng    | # 42   |
| 25) Isophorone                 | 9.74  | 82   | 223      | 0.009 | ng    | # 5    |
| 26) 2-Nitrophenol              | 10.03 | 139  | 66       | 0.018 | ng    | # 32   |
| 27) 2,4-Dimethylphenol         | 9.85  | 122  | 68       | 0.008 | ng    | # 2    |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93   | 295      | 0.021 | ng    | # 48   |
| 30) 1,2,4-Trichlorobenzene     | 10.35 | 180  | 56       | 0.005 | ng    | # 12   |
| 31) Naphthalene                | 10.85 | 128  | 66       | 0.002 | ng    | # 67   |
| 33) 4-Chloroaniline            | 10.95 | 127  | 57       | 0.004 | ng    | # 45   |
| 34) Hexachlorobutadiene        | 11.16 | 225  | 56       | 0.009 | ng    | # 18   |
| 35) Caprolactam                | 11.42 | 113  | 72       | 0.020 | ng    | # 39   |
| 36) 4-Chloro-3-methylphenol    | 12.10 | 107  | 67       | 0.006 | ng    | # 21   |
| 37) 2-Methylnaphthalene        | 12.61 | 142  | 58       | 0.003 | ng    | # 14   |
| 38) 1-Methylnaphthalene        | 12.61 | 142  | 58       | 0.003 | ng    | # 6    |
| 40) 1,2,4,5-Tetrachlorobenzene | 13.13 | 216  | 80       | 0.008 | ng    | # 16   |
| 41) Hexachlorocyclopentadiene  | 13.00 | 237  | 56       | 0.009 | ng    | # 28   |
| 44) 2,4,5-Trichlorophenol      | 13.61 | 196  | 61       | 0.008 | ng    | # 15   |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 5408     | 0.196 | ng    | # 87   |

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 Sample : PB129957BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

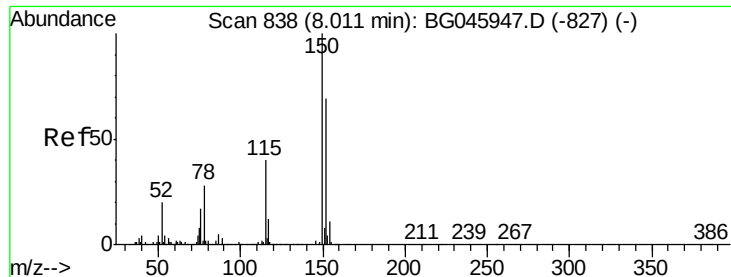
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129957BL

Quant Time: Jul 08 04:07:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 07 09:58:42 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 47) 2-Chloronaphthalene        | 13.34 | 162  | 54       | 0.002 | nq    | # 37     |
| 49) Acenaphthylene             | 14.28 | 152  | 71       | 0.002 | nq    | # 58     |
| 52) Acenaphthene               | 14.67 | 154  | 62       | 0.003 | nq    | # 4      |
| 55) Dibenzofuran               | 15.11 | 168  | 67       | 0.002 | nq    | # 43     |
| 56) 4-Nitrophenol              | 14.88 | 139  | 53       | 0.012 | nq    | # 73     |
| 58) Fluorene                   | 16.11 | 166  | 23461    | 0.883 | nq    | # 94     |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.46 | 232  | 67       | 0.011 | nq    | # 40     |
| 60) Diethylphthalate           | 15.45 | 149  | 352      | 0.012 | nq    | # 1      |
| 62) 4-Nitroaniline             | 15.75 | 138  | 66       | 0.012 | nq    | # 31     |
| 63) Azobenzene                 | 15.95 | 77   | 131      | 0.004 | nq    | # 5      |
| 66) n-Nitrosodiphenylamine     | 16.11 | 169  | 19080    | 0.837 | nq    | # 50     |
| 68) Hexachlorobenzene          | 17.10 | 284  | 65       | 0.008 | nq    | # 38     |
| 69) Atrazine                   | 16.83 | 200  | 67       | 0.010 | nq    | # 35     |
| 70) Pentachlorophenol          | 16.83 | 266  | 63       | 0.014 | nq    | # 18     |
| 71) Phenanthrene               | 17.36 | 178  | 456      | 0.012 | nq    | # 35     |
| 72) Anthracene                 | 17.57 | 178  | 134      | 0.003 | nq    | # 57     |
| 73) Carbazole                  | 17.77 | 167  | 87       | 0.002 | nq    | # 55     |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 920      | 0.019 | nq    | # 63     |
| 75) Fluoranthene               | 19.65 | 202  | 117      | 0.003 | nq    | # 60     |
| 78) Pyrene                     | 19.99 | 202  | 12696    | 0.264 | nq    | # 66     |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 209      | 0.009 | nq    | # 74     |
| 81) Benzo(a)anthracene         | 21.62 | 228  | 2547     | 0.055 | nq    | # 77     |
| 82) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 208      | 0.012 | nq    | # 25     |
| 83) Chrysene                   | 21.67 | 228  | 360      | 0.008 | nq    | # 46     |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 612      | 0.019 | nq    | # 50     |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 555      | 0.010 | nq    | # 75     |
| 87) Indeno(1,2,3-cd)pyrene     | 28.35 | 276  | 148      | 0.003 | nq    | # 43     |
| 88) Benzo(b)fluoranthene       | 23.79 | 252  | 1422     | 0.032 | nq    | # 35     |
| 89) Benzo(k)fluoranthene       | 23.85 | 252  | 947      | 0.023 | nq    | # 38     |
| 90) Benzo(a)pyrene             | 24.63 | 252  | 1085     | 0.026 | nq    | # 42     |
| 91) Dibenzo(a,h)anthracene     | 28.45 | 278  | 178      | 0.004 | nq    | # 54     |
| 92) Benzo(g,h,i)perylene       | 29.47 | 276  | 528      | 0.013 | nq    | # 32     |

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



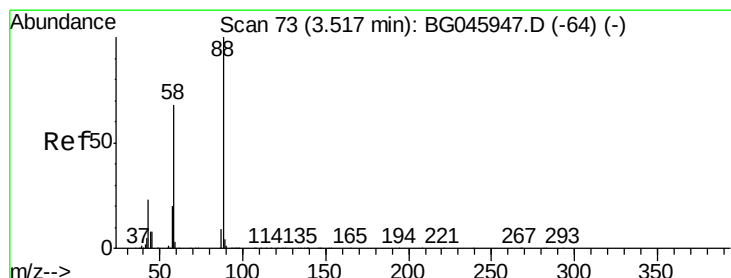
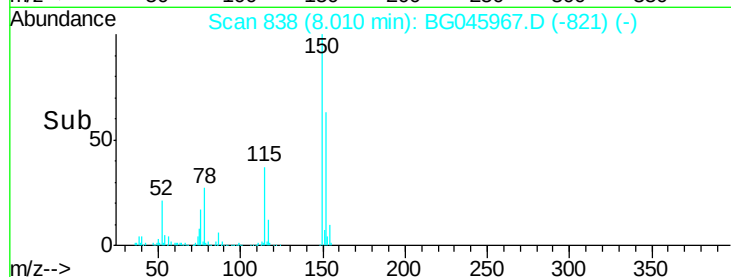
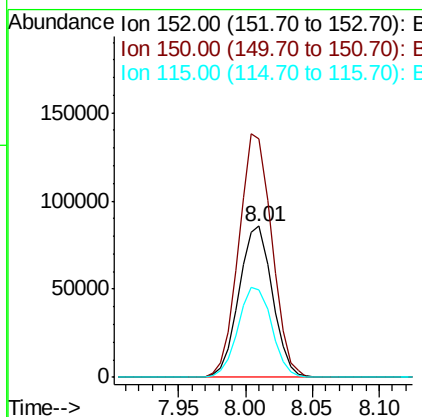
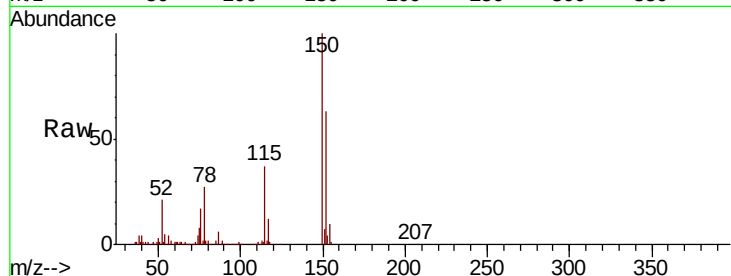


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 838  
Delta R.T. -0.00 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

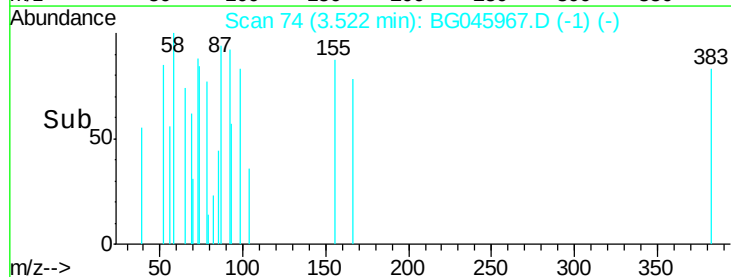
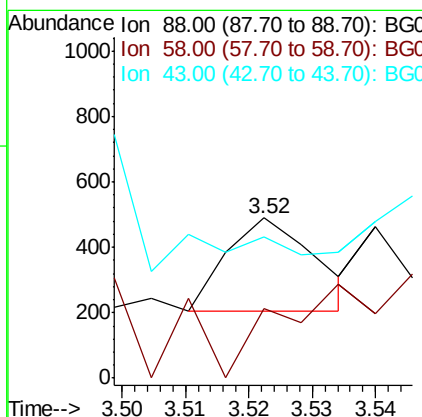
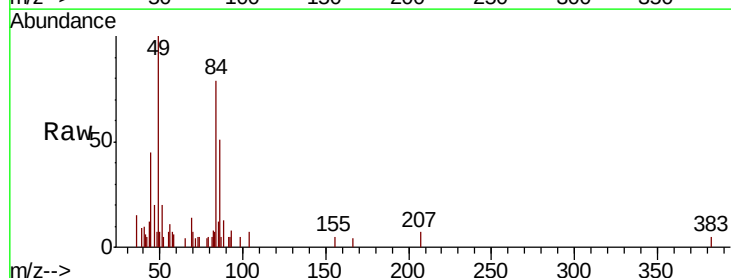
Tot Ion:152 Resp: 148064  
Ion Ratio Lower Upper  
152 100  
150 157.9 116.7 175.1  
115 58.0 47.4 71.0

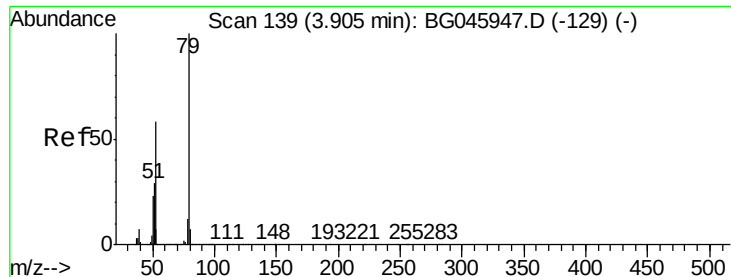


#2

1,4-Dioxane  
Concen: 0.064 ng  
RT: 3.52 min Scan# 74  
Delta R.T. 0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Tgt Ion: 88 Resp: 270  
Ion Ratio Lower Upper  
88 100  
58 0.0 55.2 82.8#  
43 0.0 19.4 29.0#





#3

Pvridine

Concen: 0.012 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

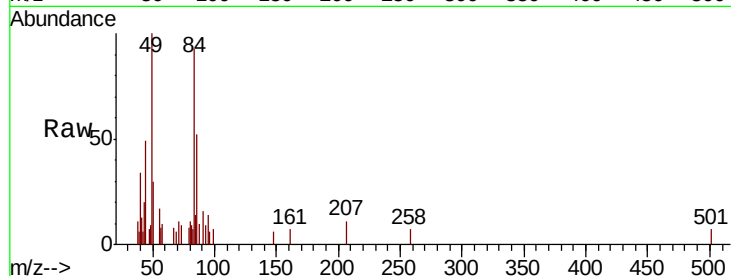
Tot Ion: 79 Resp: 147

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

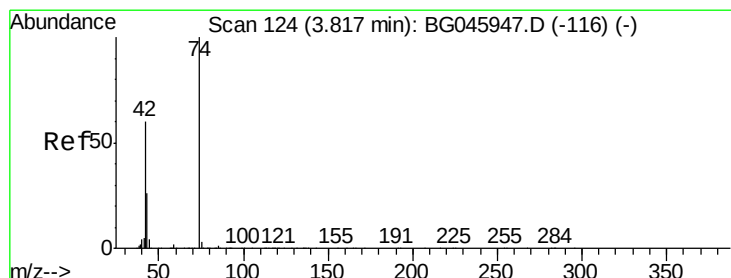
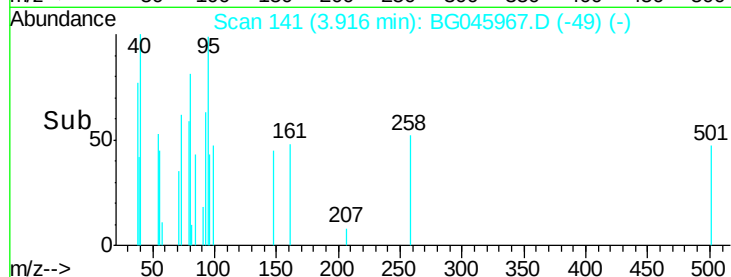
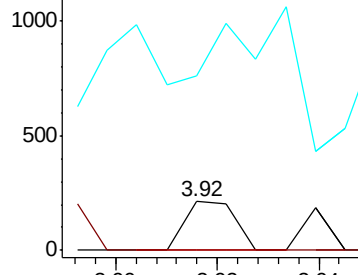
51 359.0 23.5 35.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

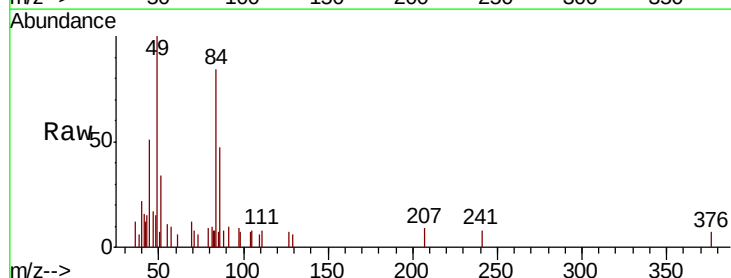
Tgt Ion: 42 Resp: 165

Ion Ratio Lower Upper

42 100

74 0.0 131.9 197.9#

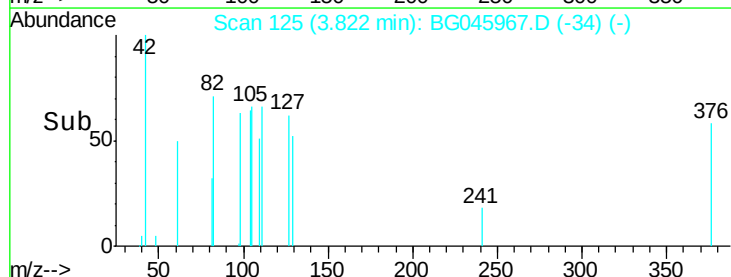
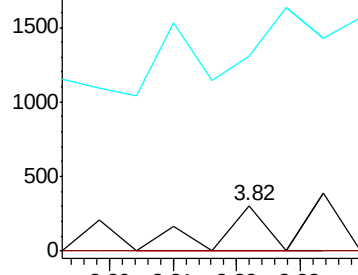
44 429.8 7.7 11.5#

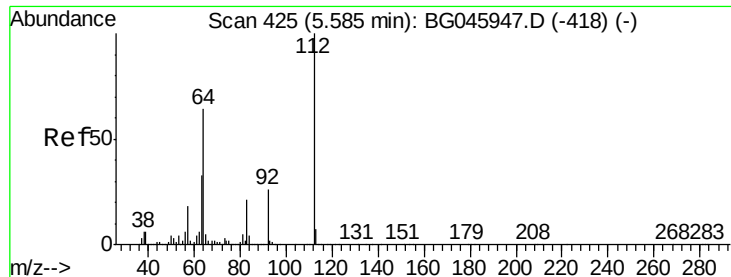


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 121.097 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

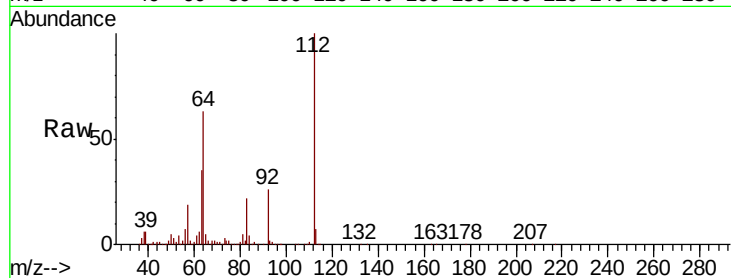
Tot Ion:112 Resp: 1105663

Ion Ratio Lower Upper

112 100

64 63.5 51.4 77.2

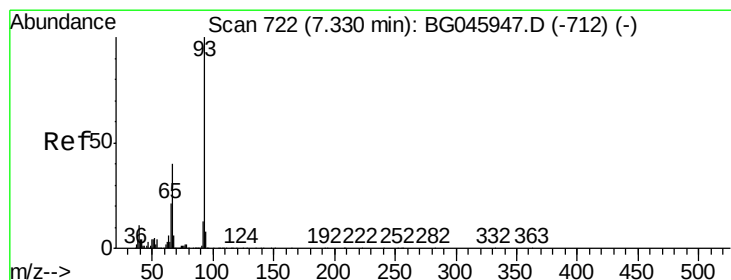
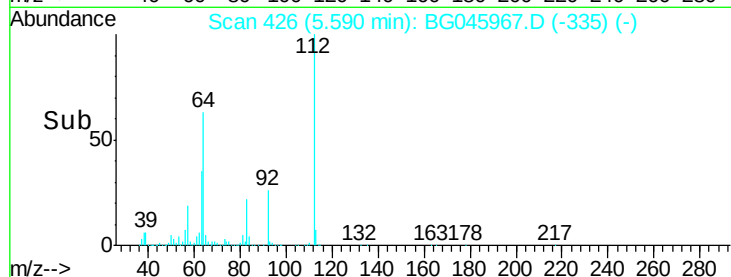
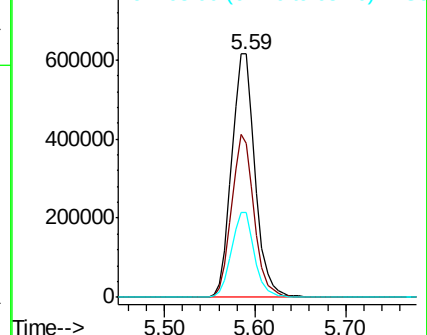
63 35.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.003 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

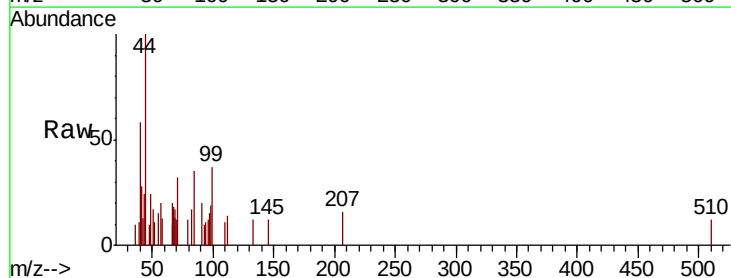
Tgt Ion: 93 Resp: 54

Ion Ratio Lower Upper

93 100

66 98.0 32.3 48.5#

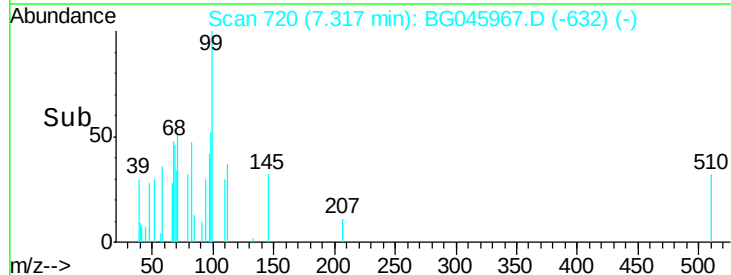
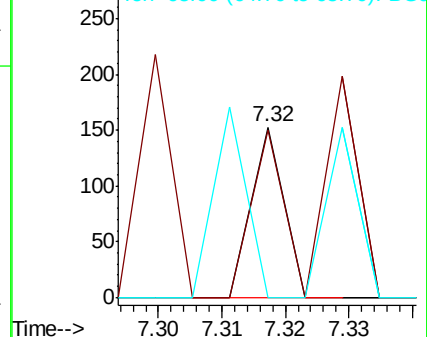
65 0.0 16.6 25.0#

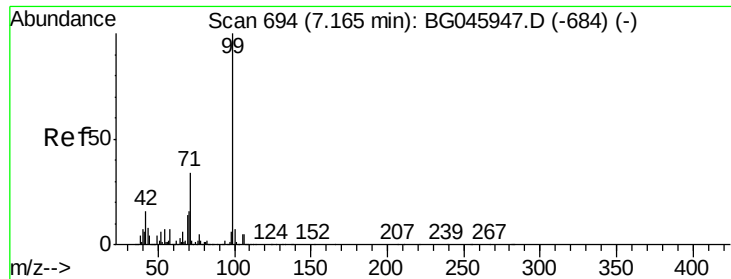


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.561 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

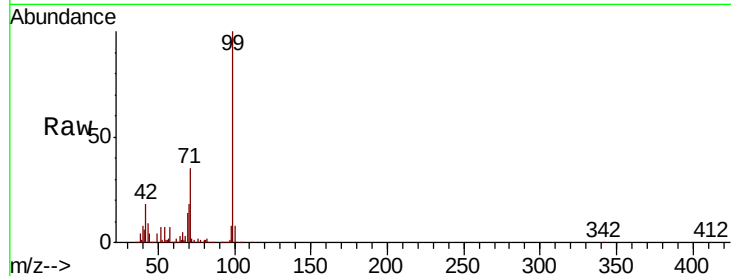
BNA\_G

ClientSampleId :

PB129957BL

Tot Ion: 99 Resp: 1519055

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.9  | 13.0  | 19.4  |
| 71  | 35.1  | 27.5  | 41.3  |



Abundance

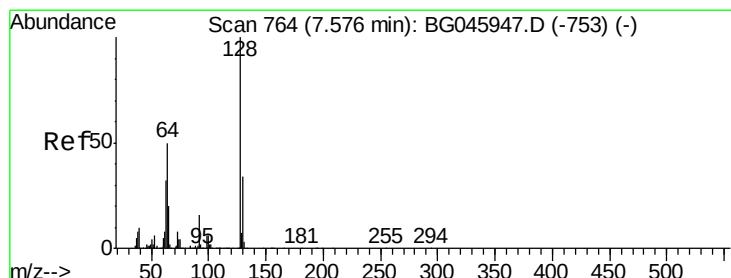
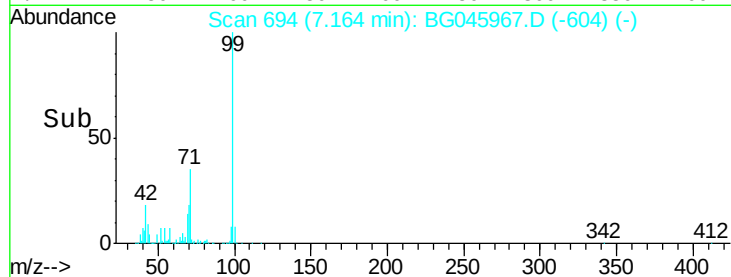
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.16

Time-->



#8

2-Chlorophenol

Concen: 0.005 ng

RT: 7.58 min Scan# 765

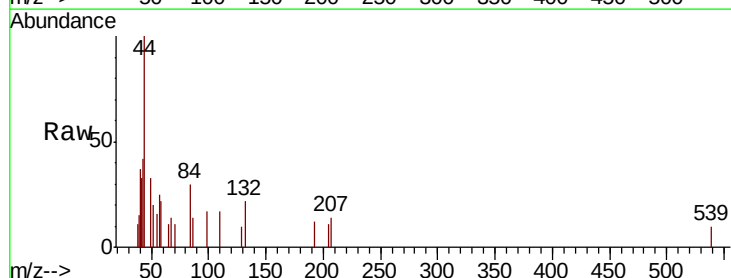
Delta R.T. 0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Tgt Ion: 128 Resp: 54

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 0.0   | 13.6  | 53.6# |
| 64  | 0.0   | 30.6  | 70.6# |



Abundance

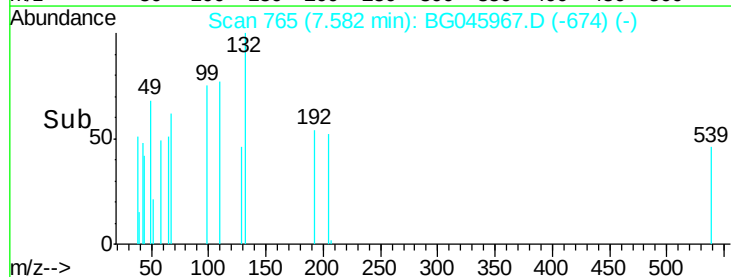
Ion 128.00 (127.70 to 128.70): BGC

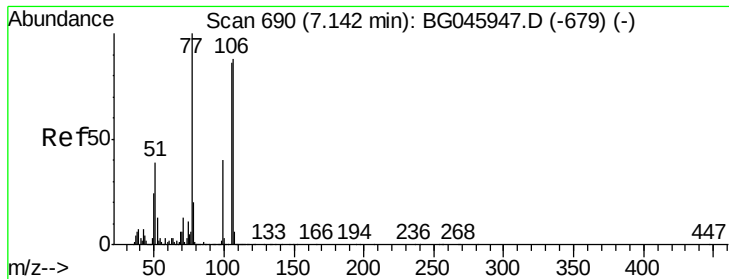
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

7.58

Time-->





#9

Benzaldehyde

Concen: 0.025 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

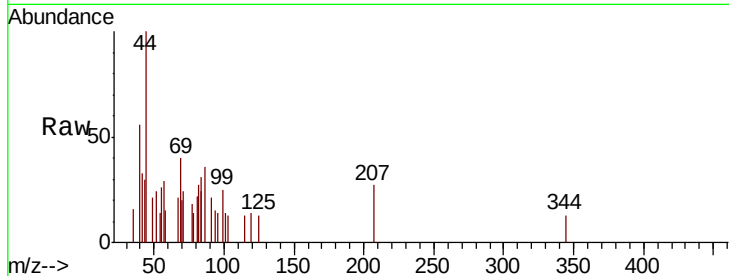
Tot Ion: 77 Resp: 206

Ion Ratio Lower Upper

77 100

105 0.0 66.0 106.0#

106 0.0 67.7 107.7#



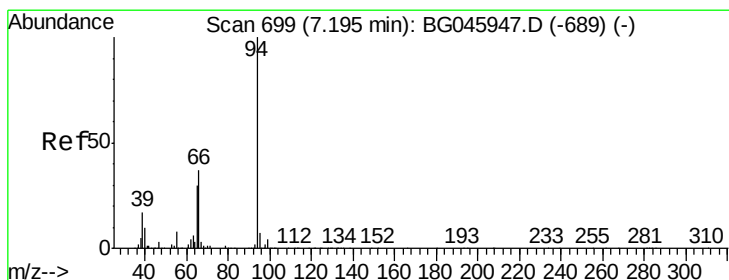
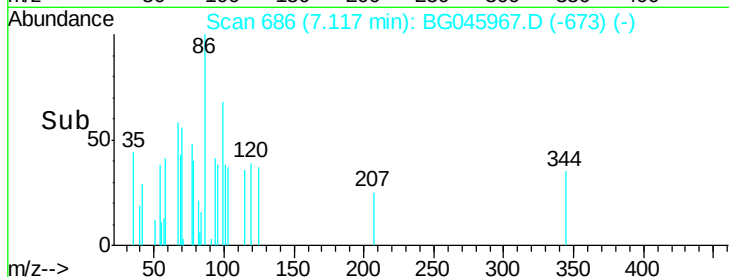
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

7.12

Time-->



#10

Phenol

Concen: 0.005 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.03 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

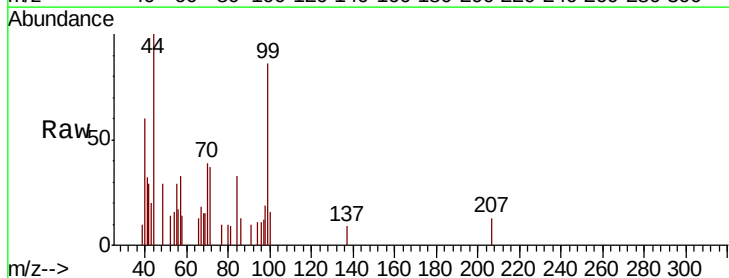
Tgt Ion: 94 Resp: 65

Ion Ratio Lower Upper

94 100

65 0.0 10.6 50.6#

66 122.8 17.1 57.1#



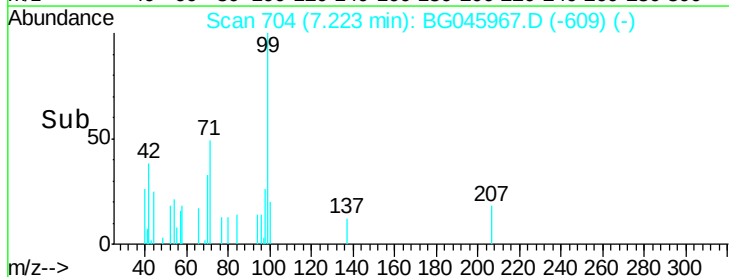
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

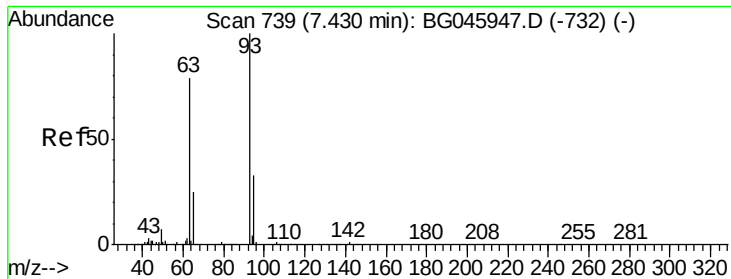
Ion 66.00 (65.70 to 66.70): BGC

7.22

Time-->







#11

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.43 min Scan# 740

Delta R.T. 0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

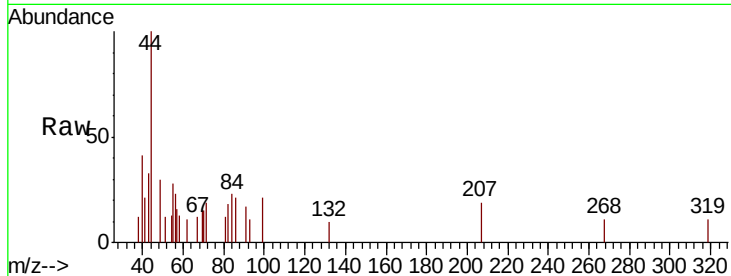
Tot Ion: 93 Resp: 57

Ion Ratio Lower Upper

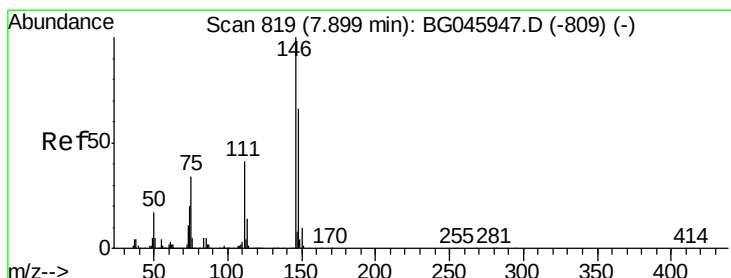
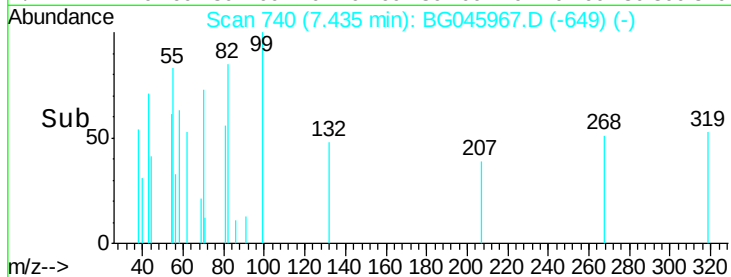
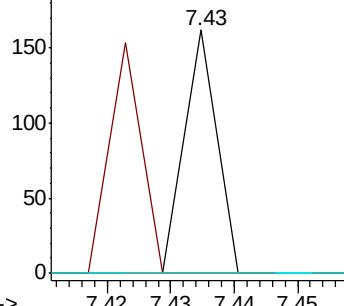
93 100

63 0.0 58.6 98.6#

95 0.0 13.3 53.3#



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 0.005 ng

RT: 7.99 min Scan# 835

Delta R.T. 0.09 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

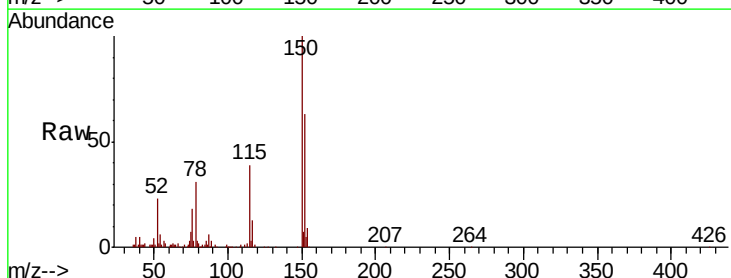
Tgt Ion: 146 Resp: 55

Ion Ratio Lower Upper

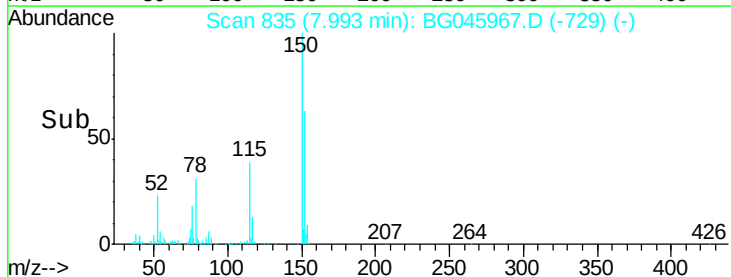
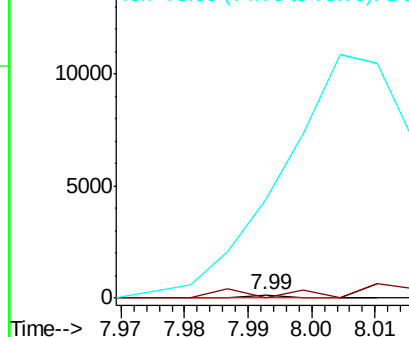
146 100

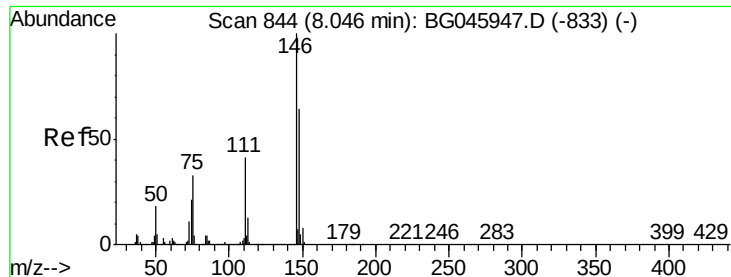
148 0.0 52.8 79.2#

75 2846.2 27.2 40.8#



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BGC

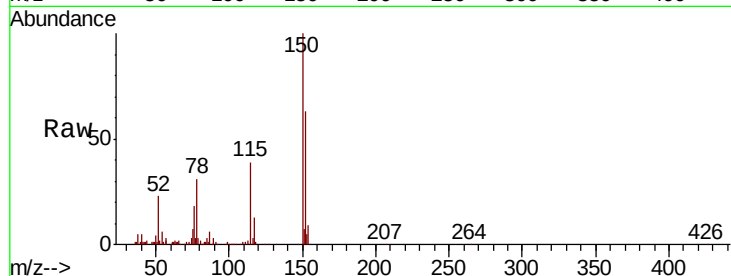




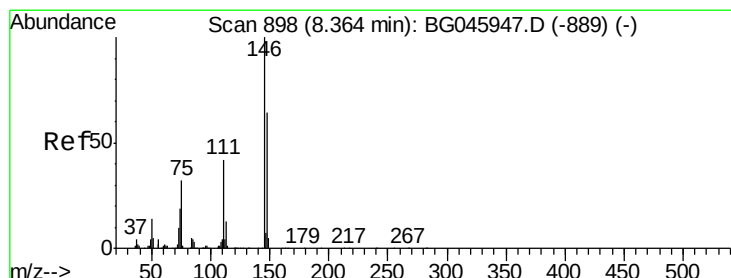
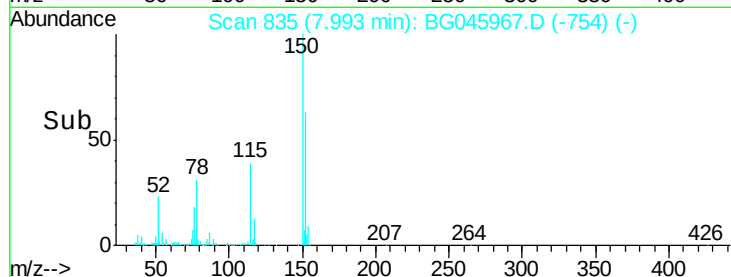
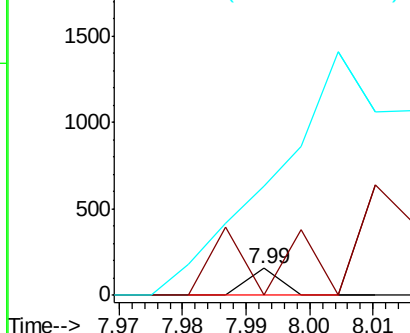
#13  
 1,4-Dichlorobenzene  
 Concen: 0.005 ng  
 RT: 7.99 min Scan# 835  
 Delta R.T. -0.05 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129957BL

Tot Ion:146 Resp: 55  
 Ion Ratio Lower Upper  
 146 100  
 148 0.0 51.7 77.5#  
 111 403.8 33.3 49.9#

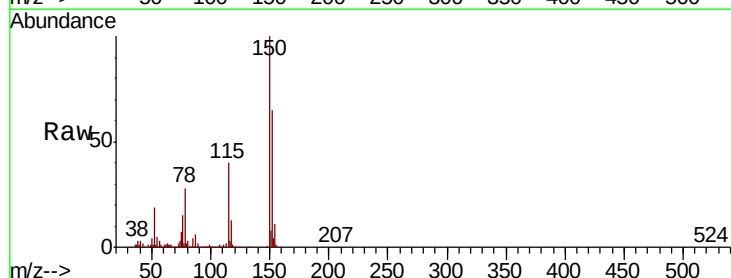


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

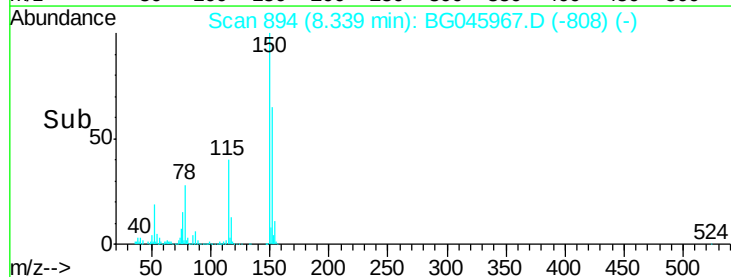
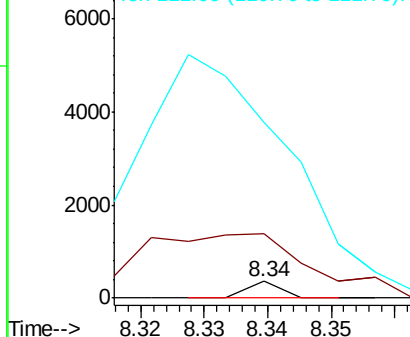


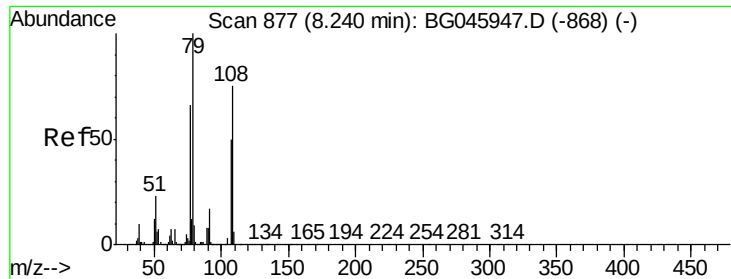
#14  
 1,2-Dichlorobenzene  
 Concen: 0.012 ng  
 RT: 8.34 min Scan# 894  
 Delta R.T. -0.02 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

Tgt Ion:146 Resp: 124  
 Ion Ratio Lower Upper  
 146 100  
 148 392.9 51.6 77.4#  
 111 1068.0 34.0 51.0#



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: 1.758 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.09 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

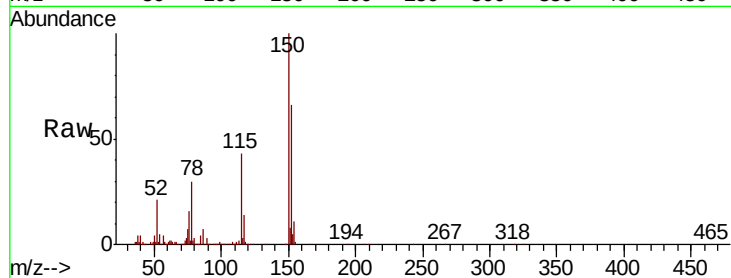
Tot Ion: 79 Resp: 18118

Ion Ratio Lower Upper

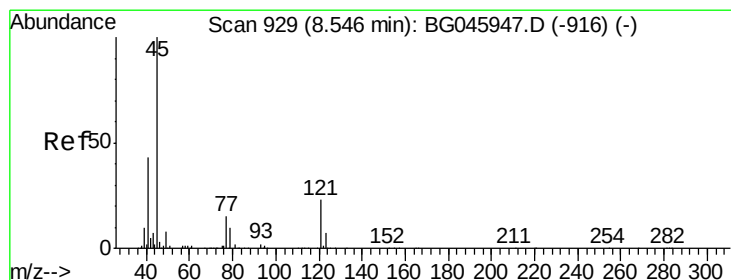
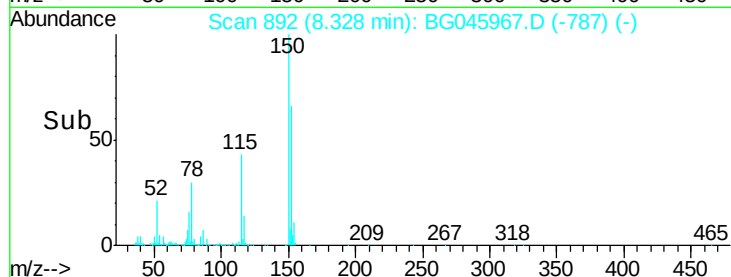
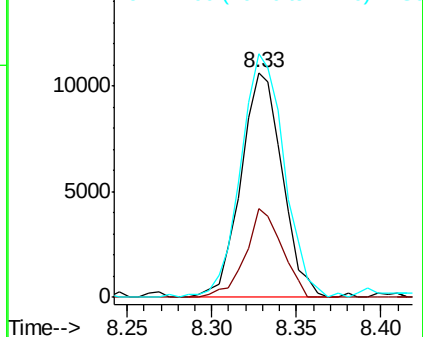
79 100

108 39.7 60.2 90.4#

77 108.3 52.9 79.3#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.004 ng

RT: 8.56 min Scan# 932

Delta R.T. 0.02 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

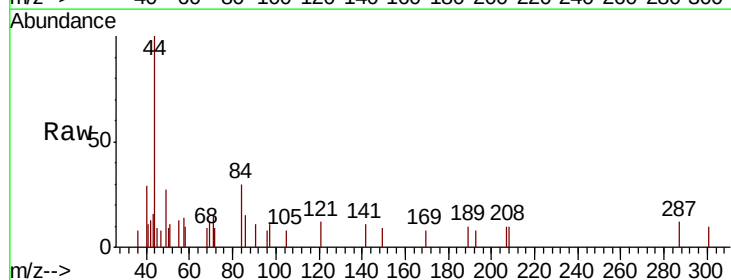
Tgt Ion: 45 Resp: 62

Ion Ratio Lower Upper

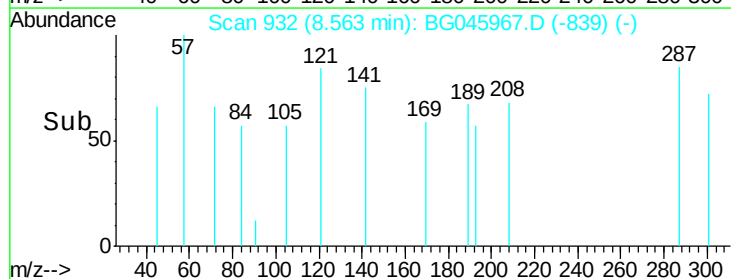
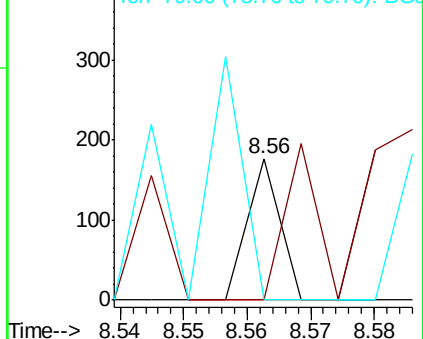
45 100

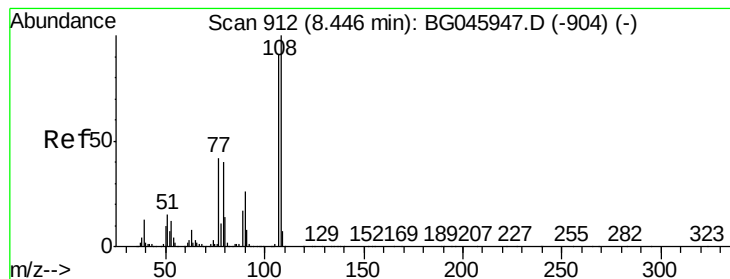
77 0.0 0.0 37.6

79 0.0 0.0 32.6



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





#17

2-Methylphenol

Concen: 0.006 ng

RT: 8.47 min Scan# 917

Delta R.T. 0.03 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

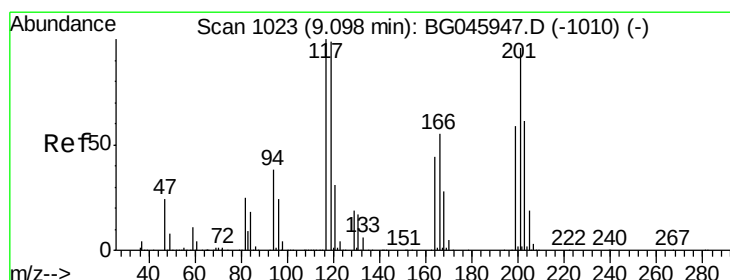
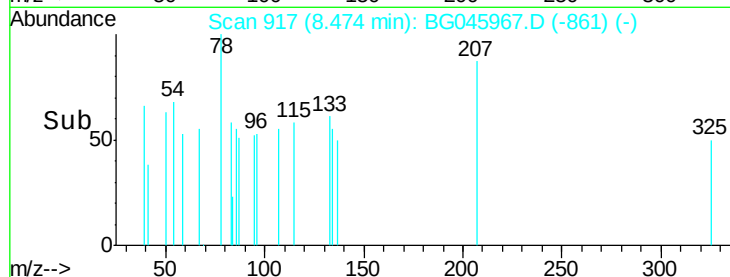
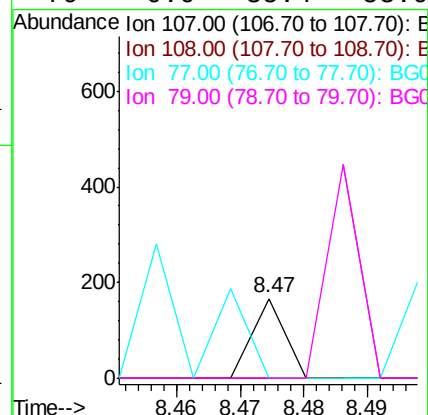
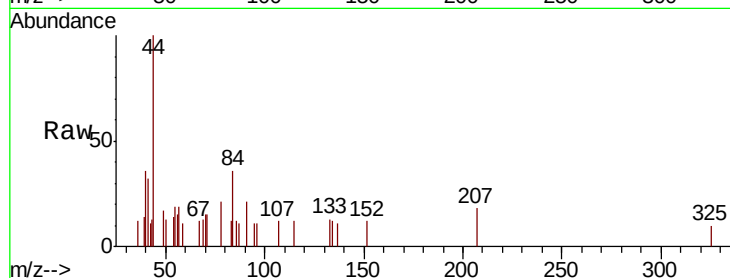
Instrument :

BNA\_G

ClientSampleId :

PB129957BL

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 59     |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 0.0   | 88.2  | 132.4# |
| 77       | 0.0   | 37.0  | 55.4#  |
| 79       | 0.0   | 35.4  | 53.0#  |



#18

Hexachloroethane

Concen: 0.014 ng

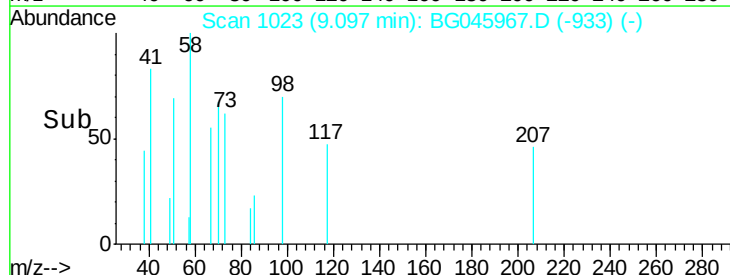
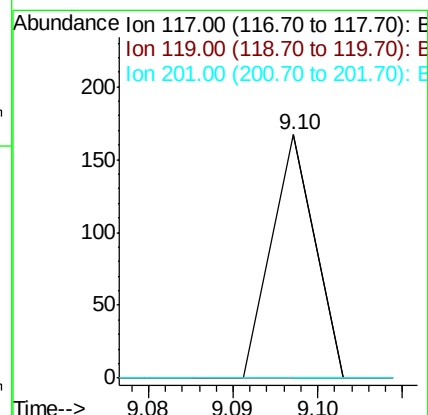
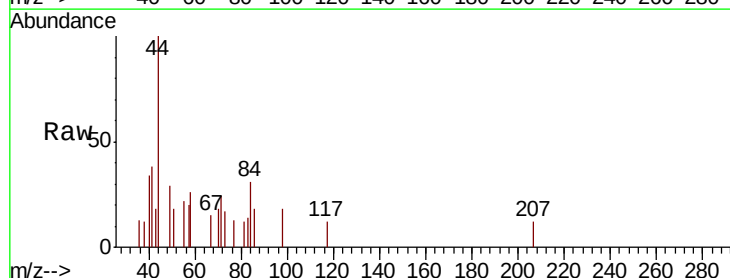
RT: 9.10 min Scan# 1023

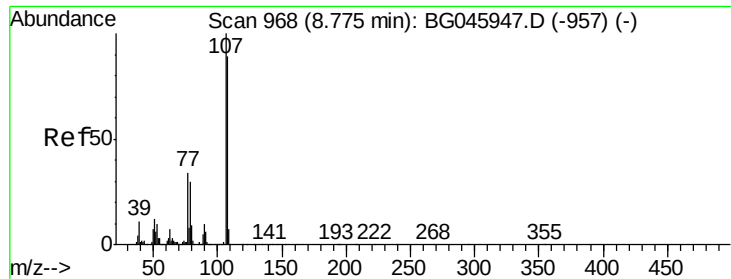
Delta R.T. -0.00 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 59     |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 0.0   | 79.5  | 119.3# |
| 201      | 0.0   | 77.0  | 115.4# |

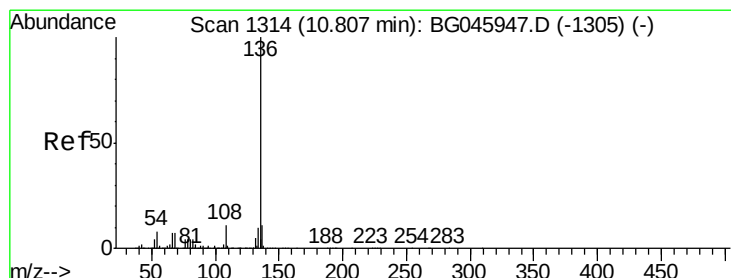
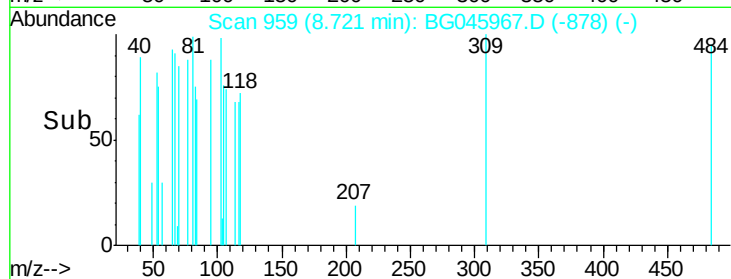
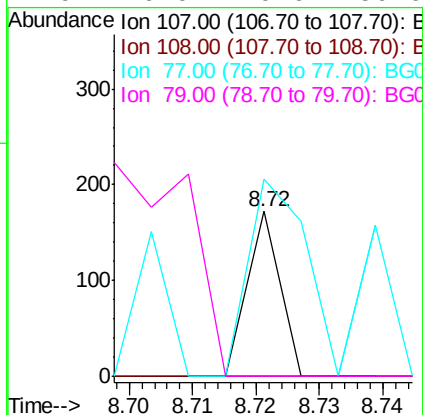
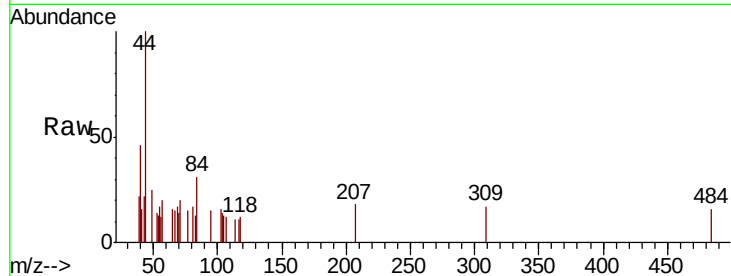




#20  
3+4-Methylphenols  
Concen: 0.005 ng  
RT: 8.72 min Scan# 959  
Delta R.T. -0.05 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

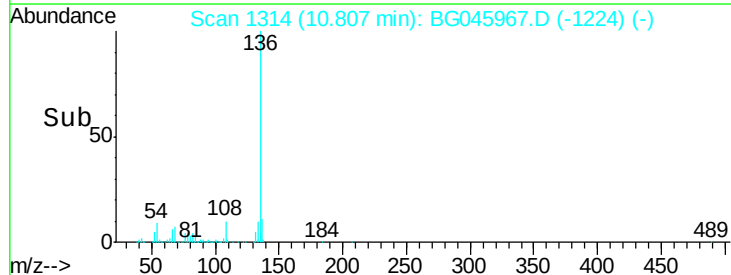
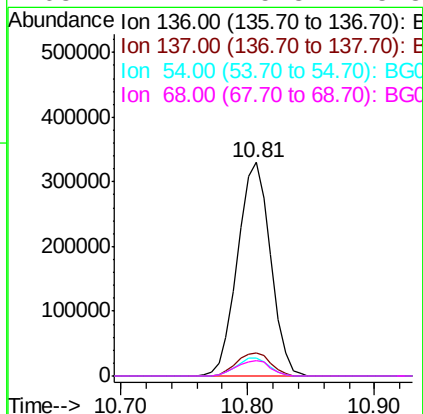
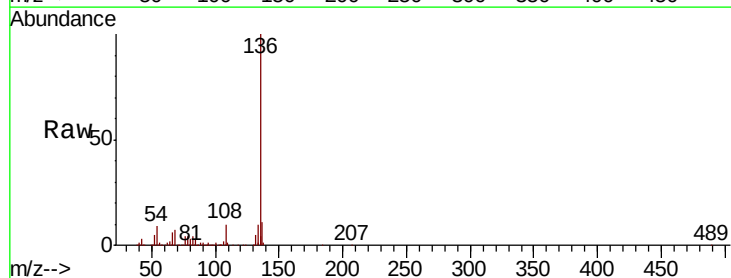
Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

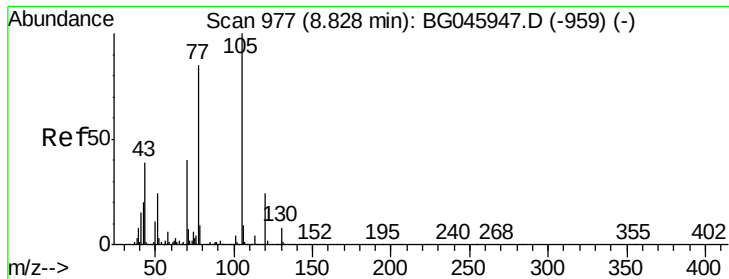
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:107 | Resp: | 61          |
| Ion Ratio   | Lower | Upper       |
| 107         | 100   |             |
| 108         | 0.0   | 68.7 108.7# |
| 77          | 119.8 | 14.6 54.6#  |
| 79          | 0.0   | 10.6 50.6#  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.81 min Scan# 1314  
Delta R.T. -0.00 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 593535   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.9  | 9.2 13.8 |
| 54          | 8.5   | 6.2 9.4  |
| 68          | 7.4   | 5.8 8.8  |

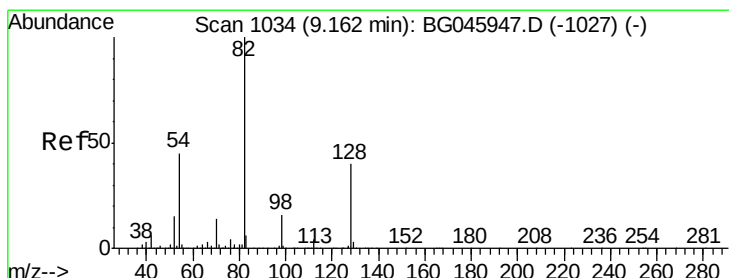
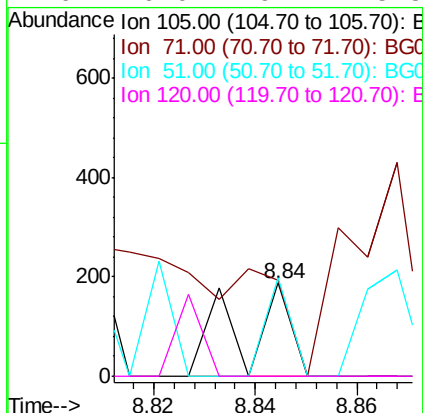
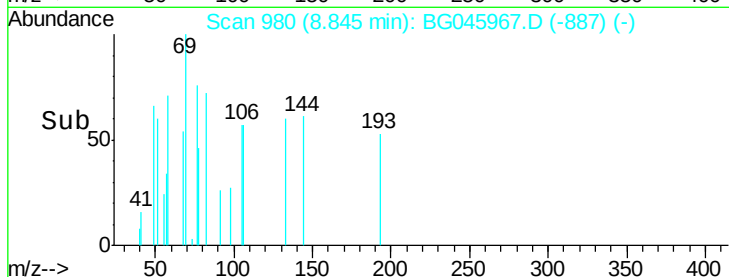
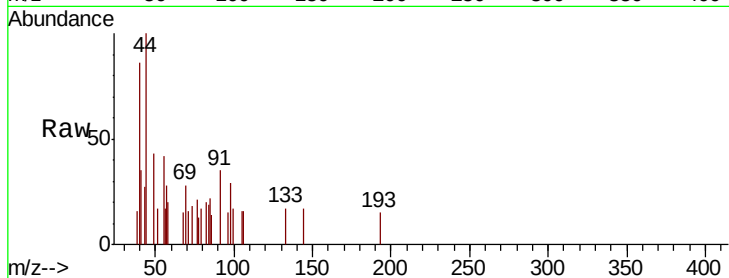




#22  
Acetophenone  
Concen: 0.008 ng  
RT: 8.84 min Scan# 980  
Delta R.T. 0.02 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

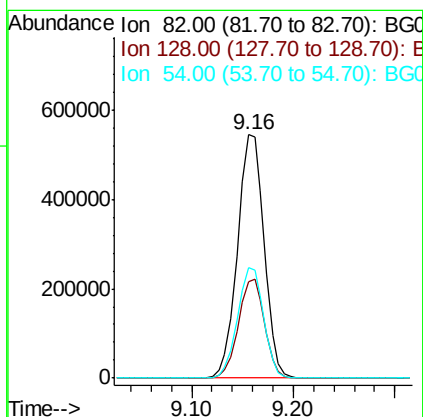
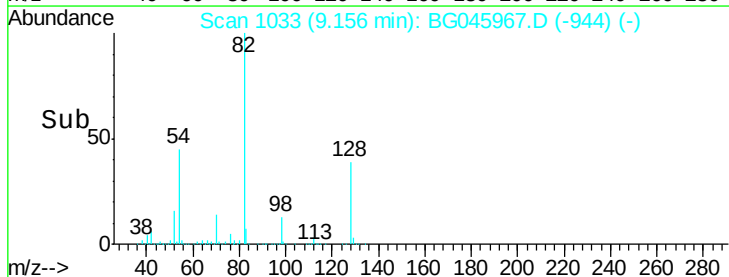
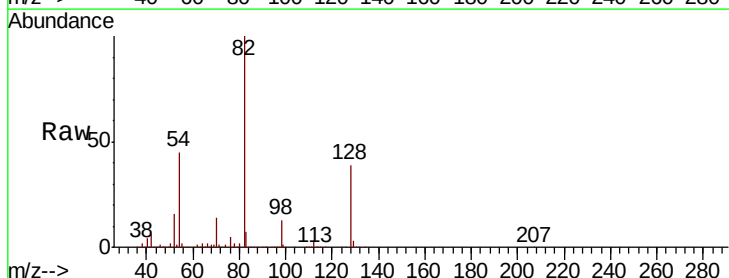
Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

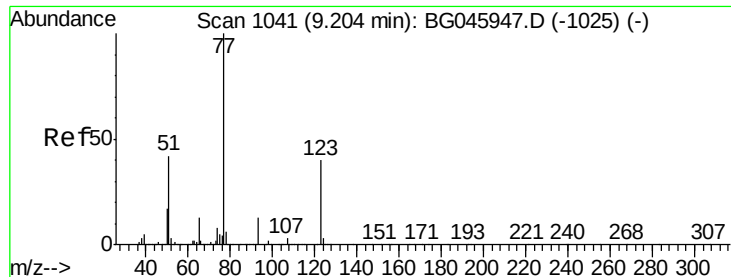
Tot Ion: 105 Resp: 129  
Ion Ratio Lower Upper  
105 100  
71 102.1 6.2 9.2#  
51 105.9 19.7 29.5#  
120 0.0 19.2 28.8#



#23  
Nitrobenzene-d5  
Concen: 96.056 ng  
RT: 9.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Tgt Ion: 82 Resp: 990529  
Ion Ratio Lower Upper  
82 100  
128 39.3 32.2 48.4  
54 45.4 35.8 53.6

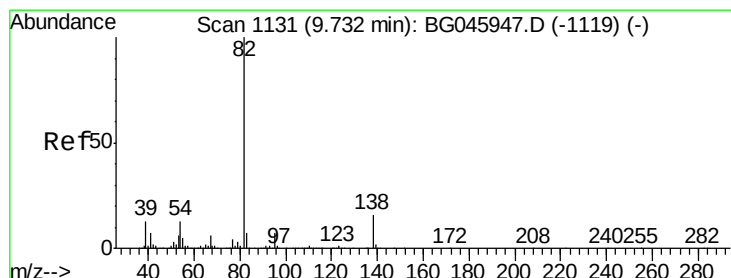
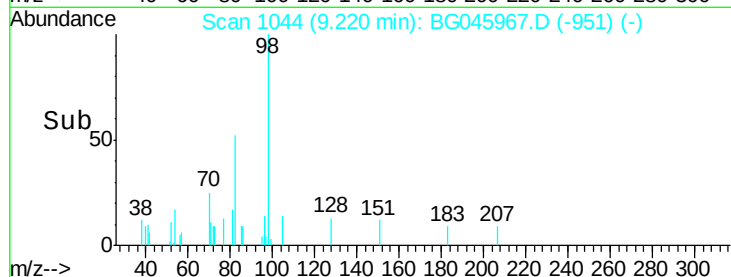
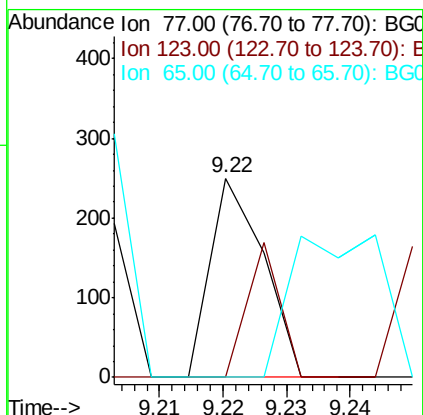
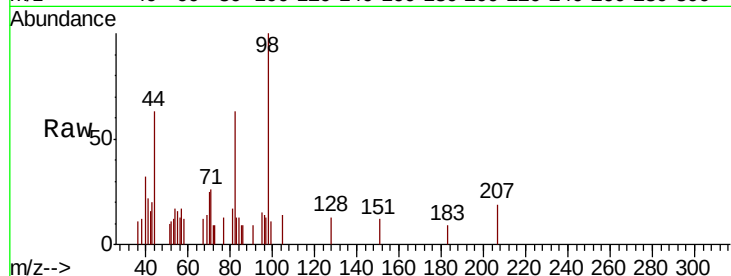




#24  
Nitrobenzene  
Concen: 0.013 ng  
RT: 9.22 min Scan# 1044  
Delta R.T. 0.02 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

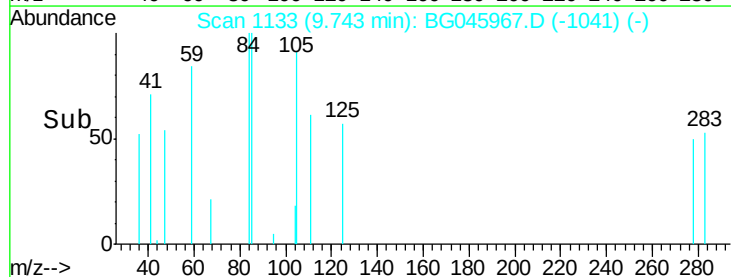
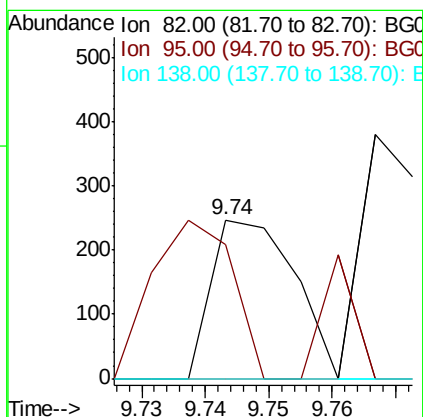
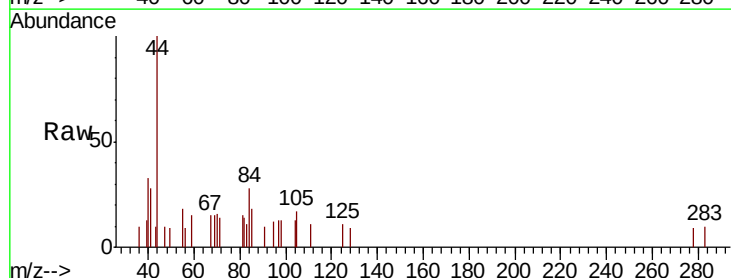
Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

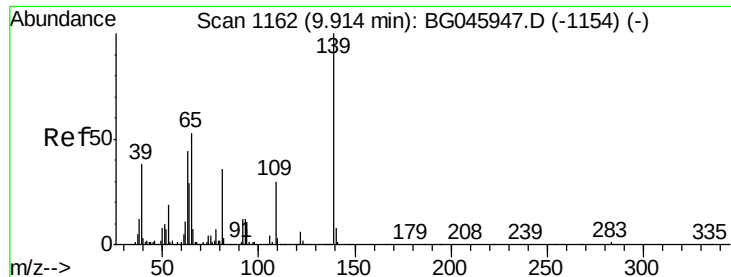
Tot Ion: 77 Resp: 143  
Ion Ratio Lower Upper  
77 100  
123 0.0 32.7 49.1#  
65 0.0 10.2 15.4#



#25  
Isophorone  
Concen: 0.009 ng  
RT: 9.74 min Scan# 1133  
Delta R.T. 0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Tgt Ion: 82 Resp: 223  
Ion Ratio Lower Upper  
82 100  
95 84.2 5.8 8.6#  
138 0.0 12.9 19.3#

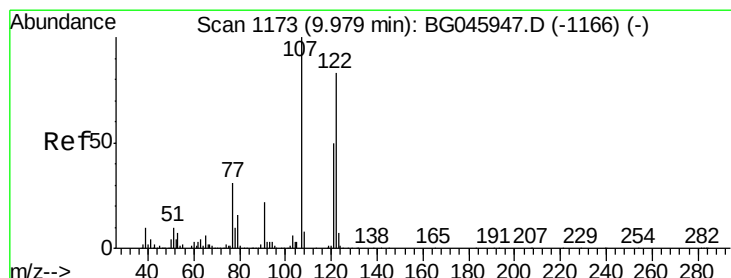
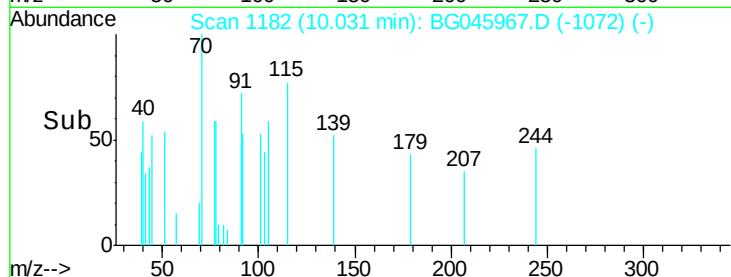
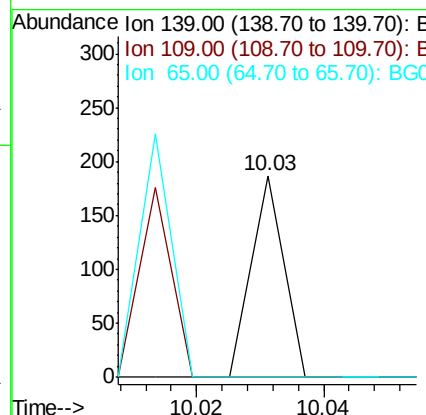
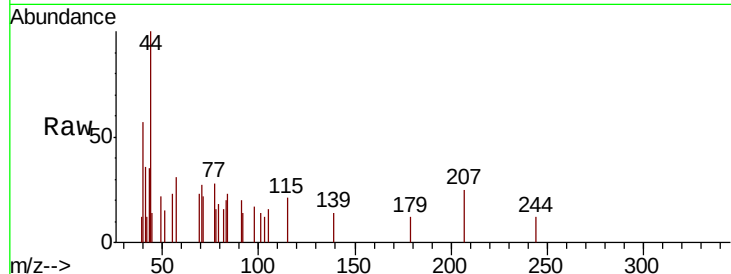




#26  
2-Nitrophenol  
Concen: 0.018 ng  
RT: 10.03 min Scan# 1182  
Delta R.T. 0.12 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

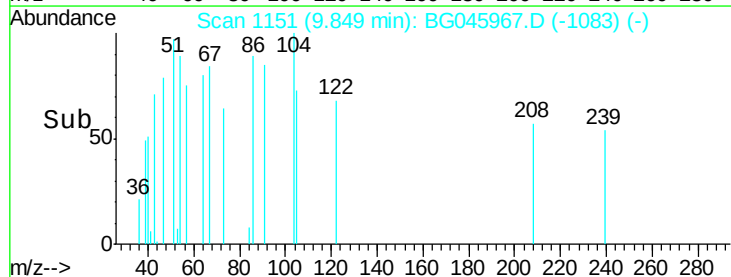
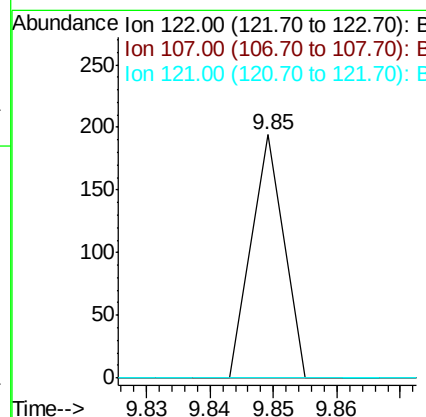
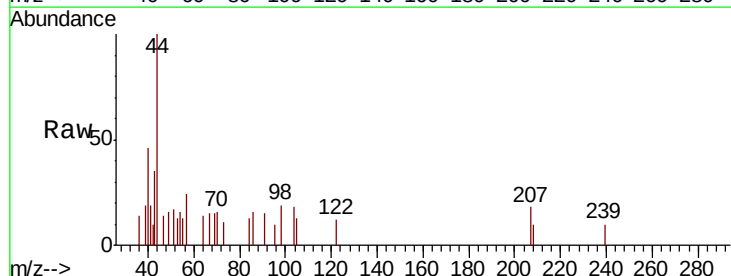
Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 0.0   | 24.6  | 37.0# |
| 65      | 0.0   | 42.6  | 64.0# |

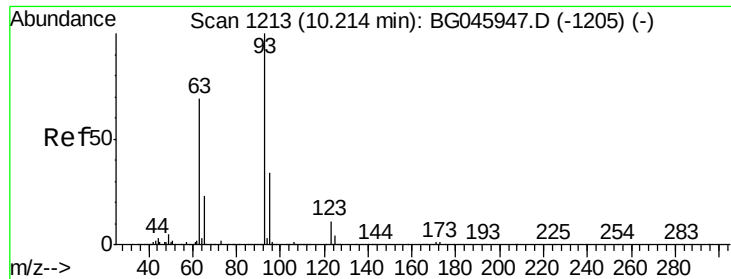


#27  
2,4-Dimethylphenol  
Concen: 0.008 ng  
RT: 9.85 min Scan# 1151  
Delta R.T. -0.13 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 0.0   | 95.6  | 143.4# |
| 121     | 0.0   | 47.7  | 71.5#  |



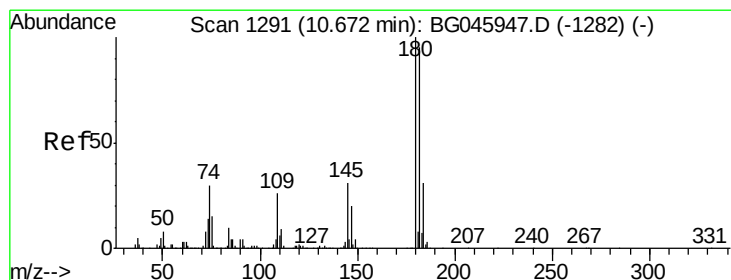
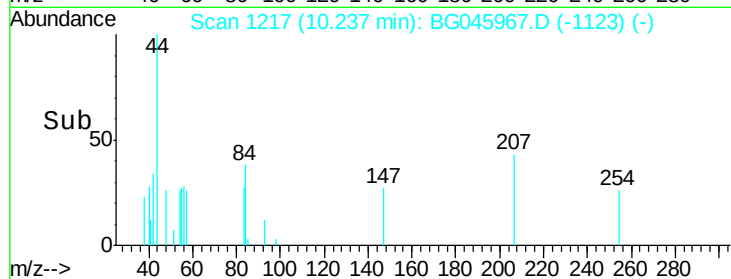
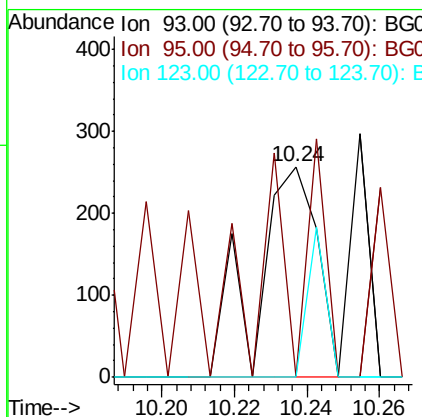
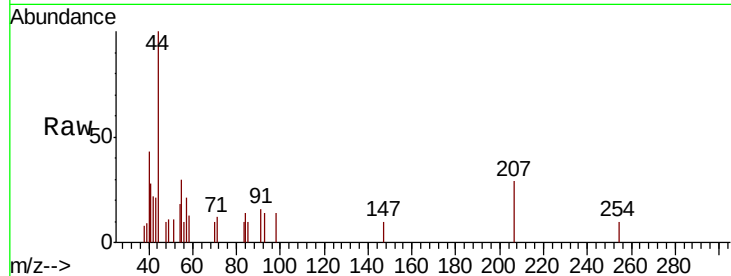




#28  
 bis(2-Chloroethoxy)methane  
 Concen: 0.021 ng  
 RT: 10.24 min Scan# 1217  
 Delta R.T. 0.02 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

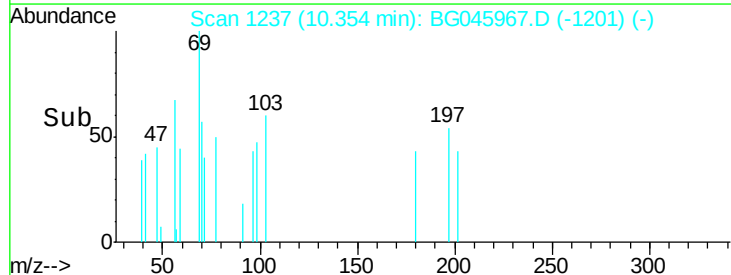
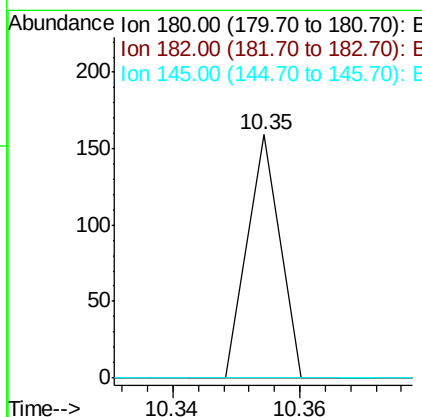
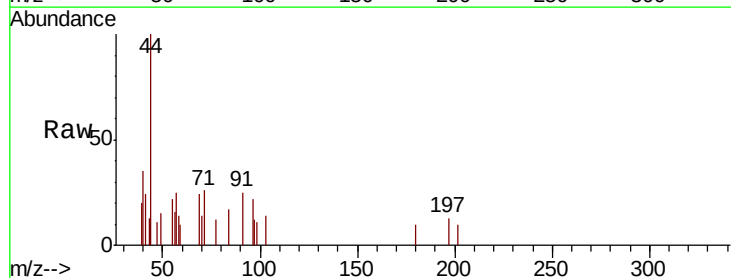
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129957BL

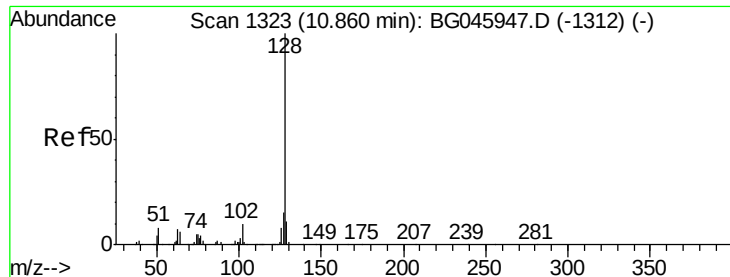
Tot Ion: 93 Resp: 295  
 Ion Ratio Lower Upper  
 93 100  
 95 0.0 27.5 41.3#  
 123 0.0 9.2 13.8#



#30  
 1,2,4-Trichlorobenzene  
 Concen: 0.005 ng  
 RT: 10.35 min Scan# 1237  
 Delta R.T. -0.32 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

Tgt Ion: 180 Resp: 56  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 76.3 114.5#  
 145 0.0 24.8 37.2#

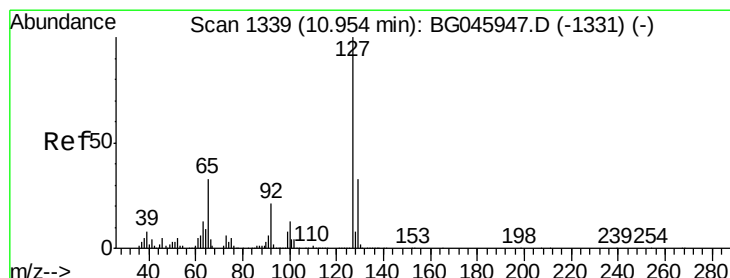
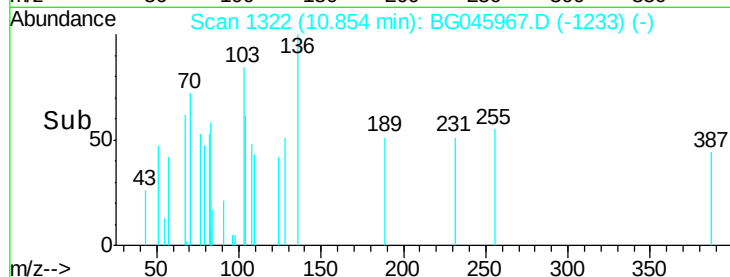
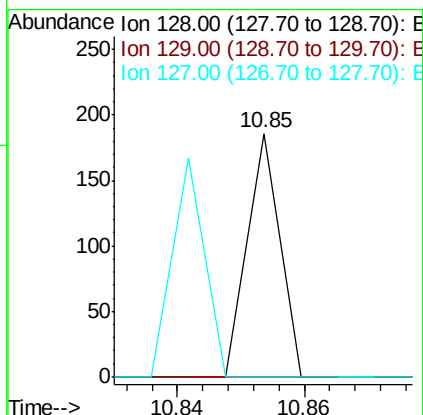
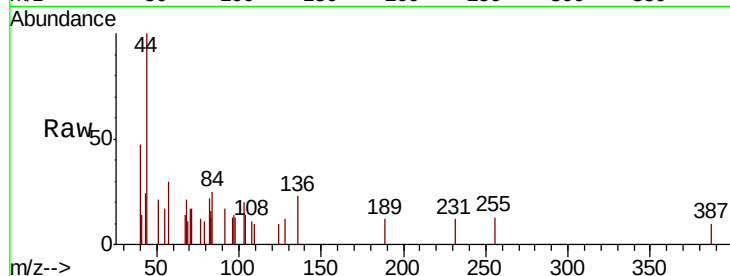




#31  
Naphthalene  
Concen: 0.002 ng  
RT: 10.85 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

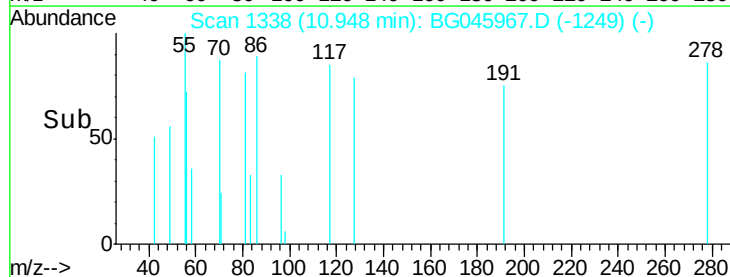
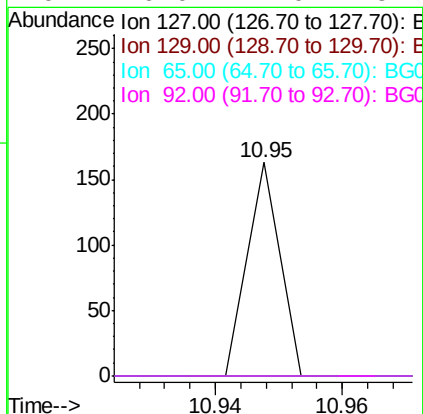
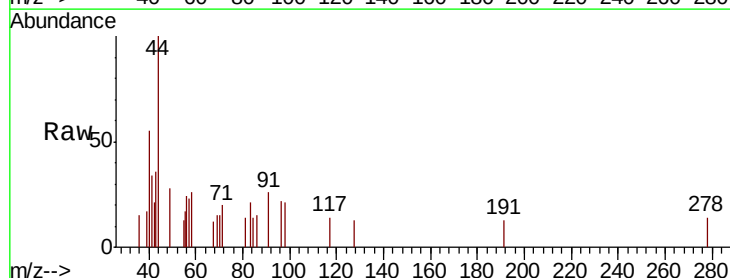
Instrument :  
BNA\_G  
ClientSampled :  
PB129957BL

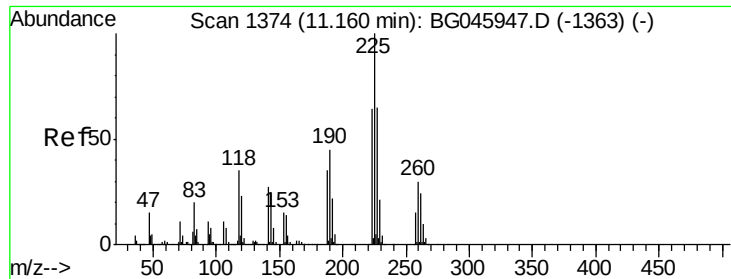
Tot Ion:128 Resp: 66  
Ion Ratio Lower Upper  
128 100  
129 0.0 9.2 13.8#  
127 0.0 11.8 17.6#



#33  
4-Chloroaniline  
Concen: 0.004 ng  
RT: 10.95 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Tgt Ion:127 Resp: 57  
Ion Ratio Lower Upper  
127 100  
129 0.0 26.6 39.8#  
65 0.0 26.8 40.2#  
92 0.0 17.0 25.4#

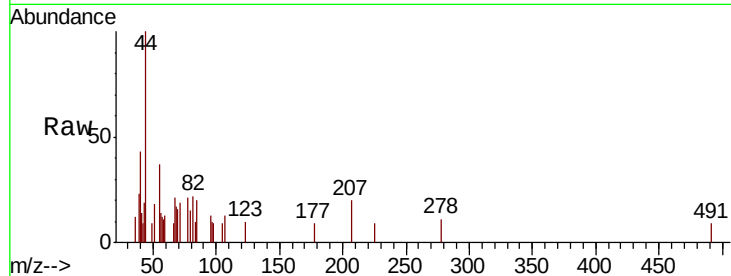




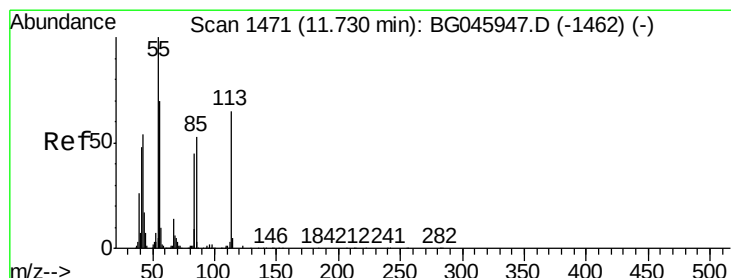
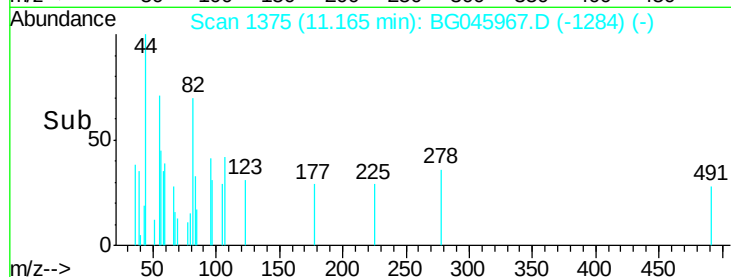
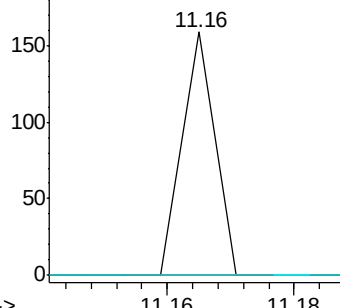
#34  
Hexachlorobutadiene  
Concen: 0.009 ng  
RT: 11.16 min Scan# 1375  
Delta R.T. 0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

Tot Ion:225 Resp: 56  
Ion Ratio Lower Upper  
225 100  
223 0.0 51.2 76.8#  
227 0.0 52.3 78.5#

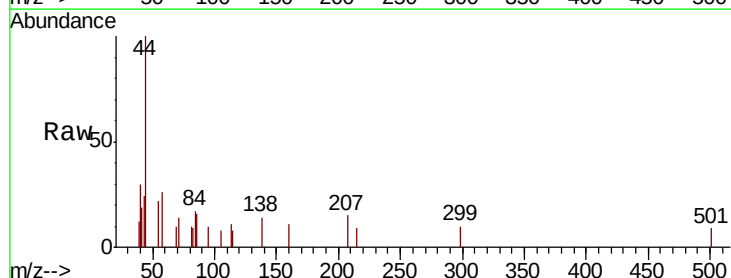


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

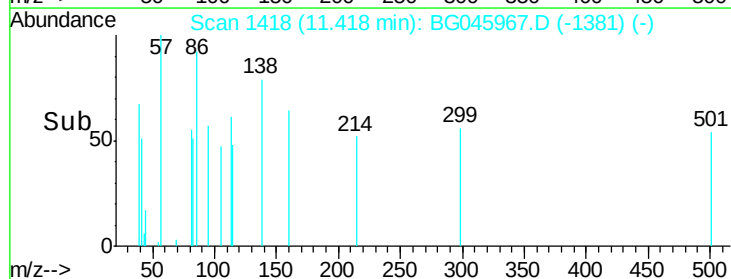
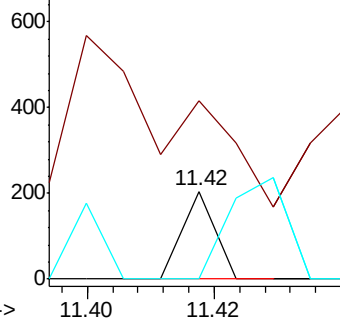


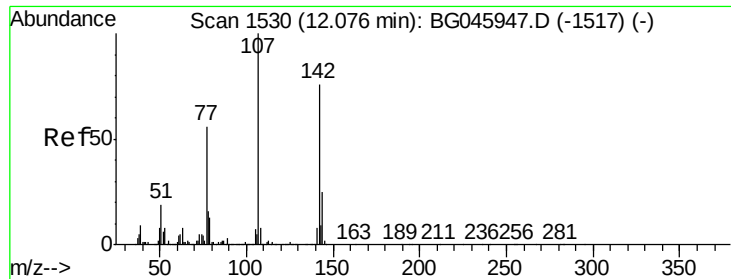
#35  
Caprolactam  
Concen: 0.020 ng  
RT: 11.42 min Scan# 1418  
Delta R.T. -0.31 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Tgt Ion:113 Resp: 72  
Ion Ratio Lower Upper  
113 100  
55 204.4 141.6 181.6#  
56 0.0 89.6 129.6#



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BG0  
Ion 56.00 (55.70 to 56.70): BG0

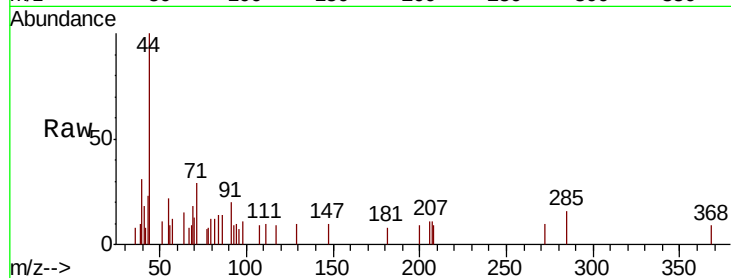




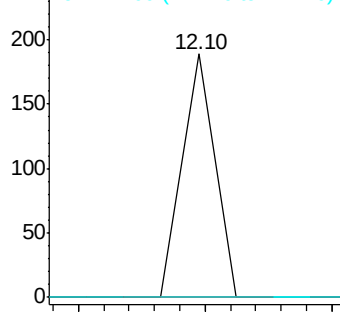
#36  
 4-Chloro-3-methylphenol  
 Concen: 0.006 ng  
 RT: 12.10 min Scan# 1534  
 Delta R.T. 0.02 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129957BL

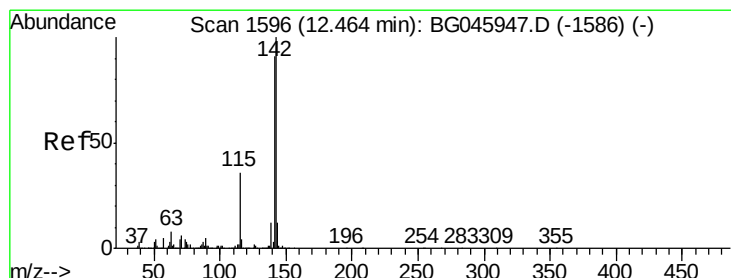
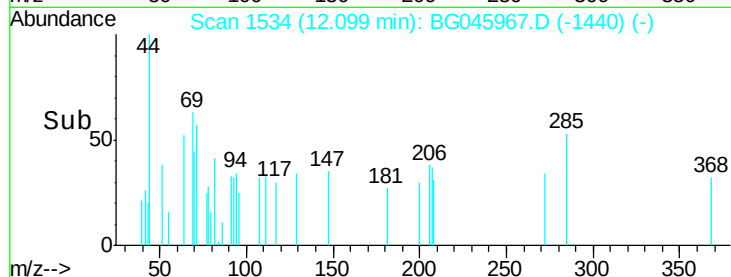
Tot Ion:107 Resp: 67  
 Ion Ratio Lower Upper  
 107 100  
 144 0.0 20.0 30.0#  
 142 0.0 61.1 91.7#



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

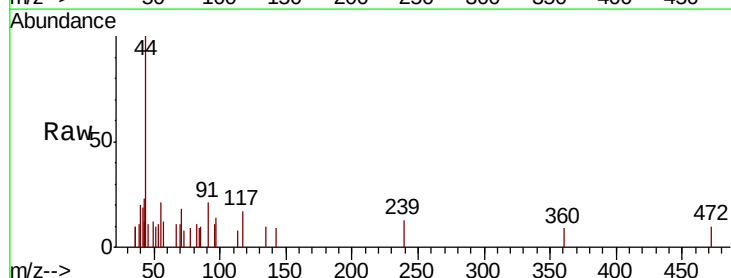


Time-->

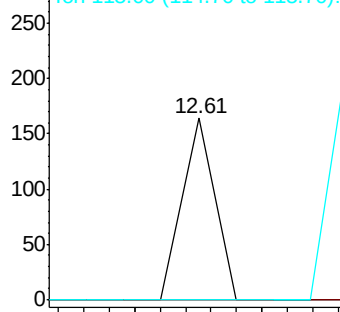


#37  
 2-Methylnaphthalene  
 Concen: 0.003 ng  
 RT: 12.61 min Scan# 1621  
 Delta R.T. 0.15 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

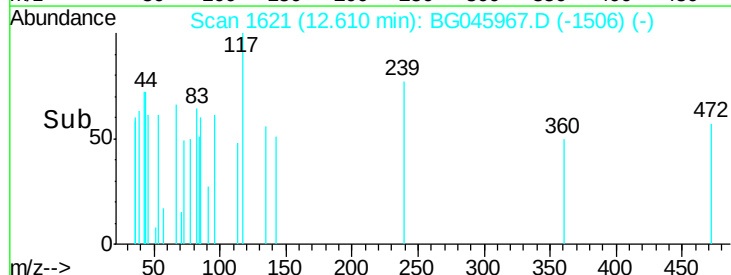
Tgt Ion:142 Resp: 58  
 Ion Ratio Lower Upper  
 142 100  
 141 0.0 73.0 109.6#  
 115 0.0 28.8 43.2#

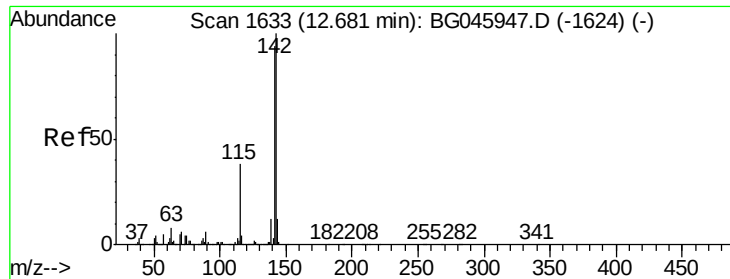


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E



Time-->

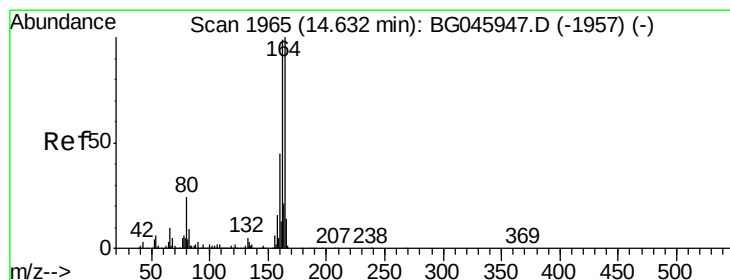
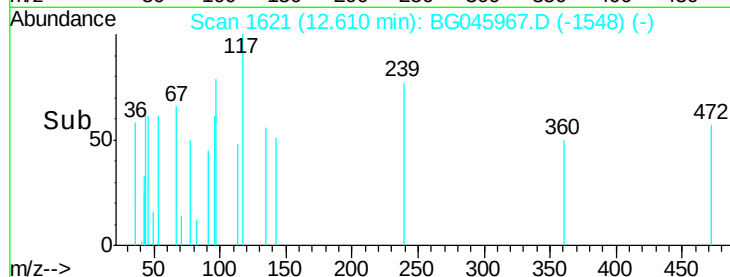
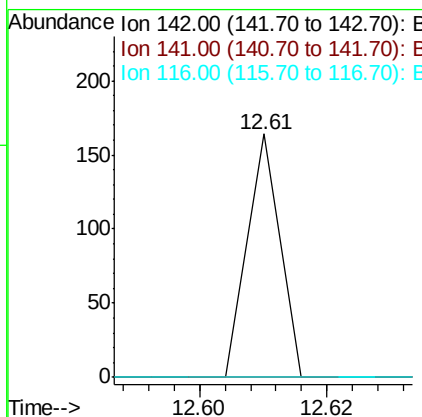
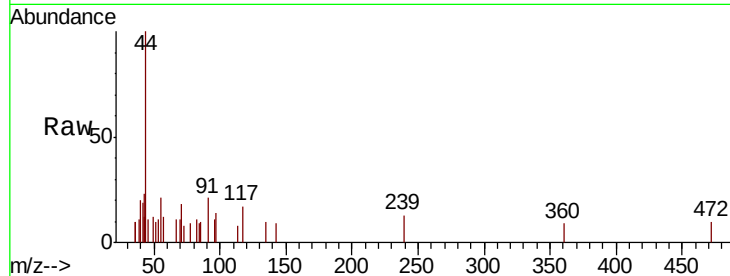




#38  
 1-Methylnaphthalene  
 Concen: 0.003 ng  
 RT: 12.61 min Scan# 1621  
 Delta R.T. -0.07 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

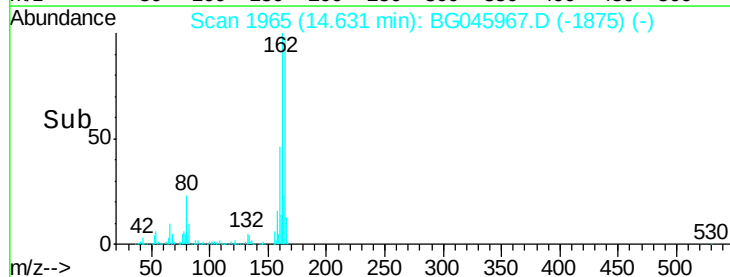
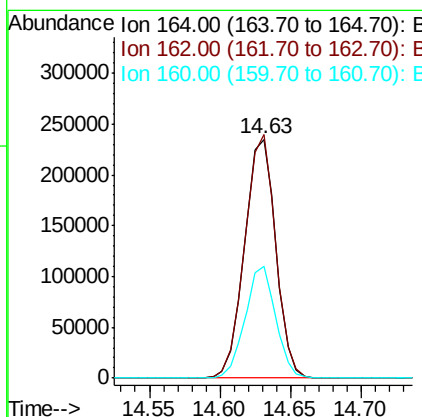
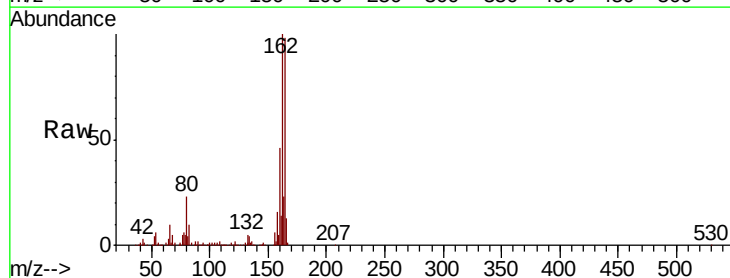
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129957BL

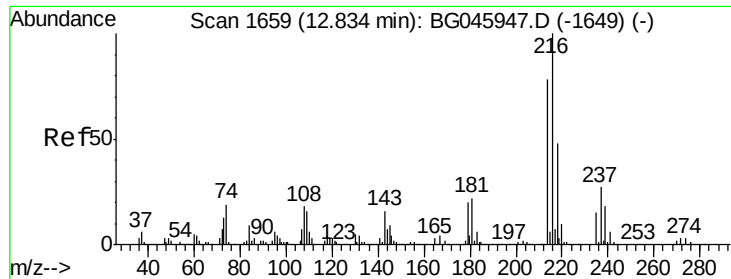
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 142     | 100   |       |        |
| 141     | 0.0   | 75.2  | 112.8# |
| 116     | 0.0   | 3.1   | 4.7#   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.63 min Scan# 1965  
 Delta R.T. -0.00 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 79.3  | 118.9 |
| 160     | 47.0  | 35.7  | 53.5  |

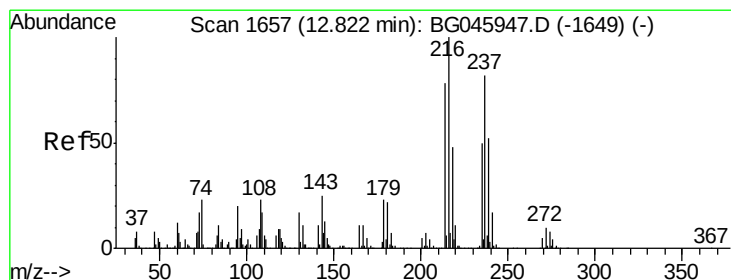
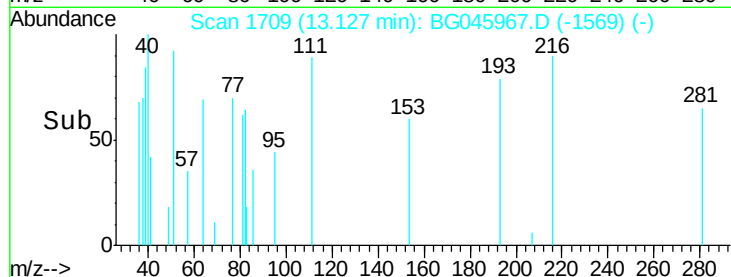
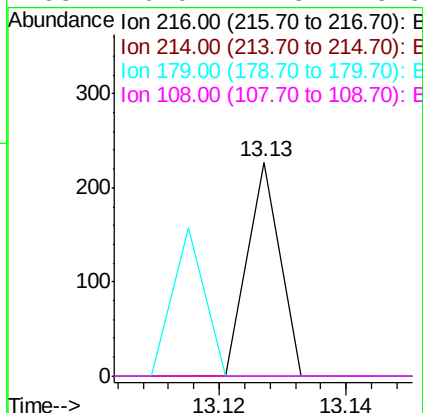
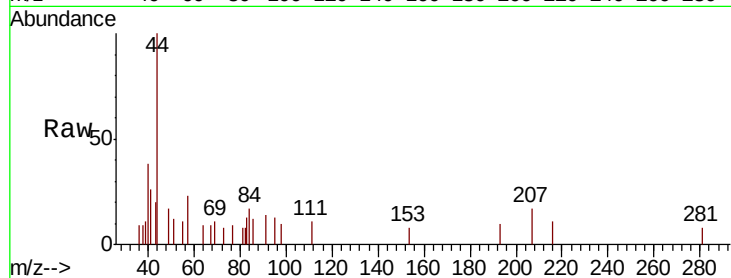




#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 0.008 ng  
RT: 13.13 min Scan# 1709  
Delta R.T. 0.29 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

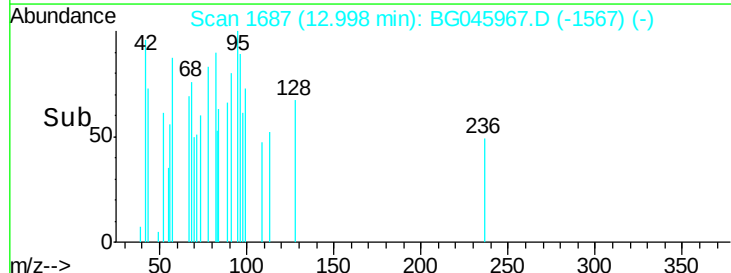
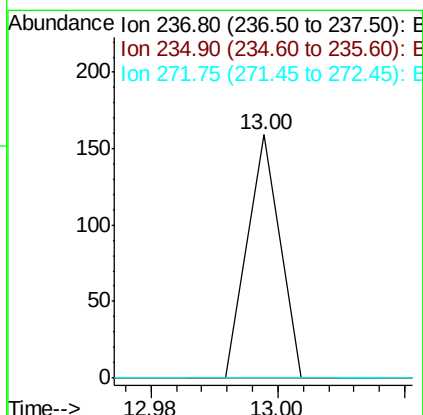
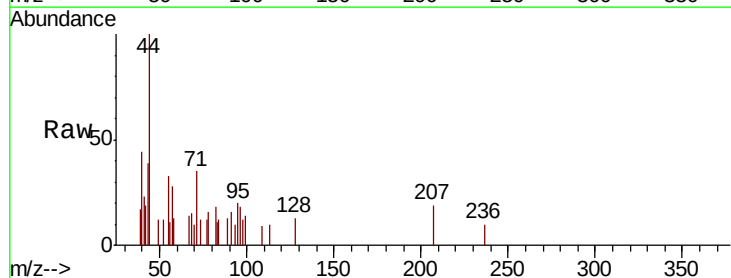
Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

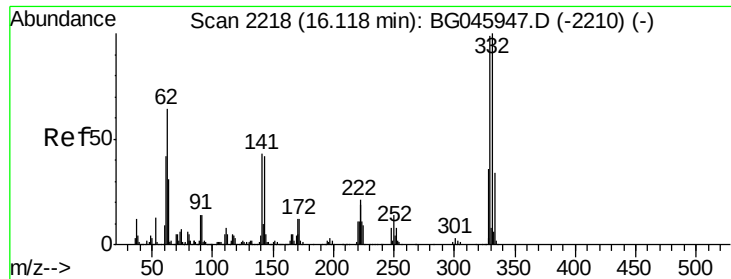
Tot Ion:216 Resp: 80  
Ion Ratio Lower Upper  
216 100  
214 0.0 63.0 94.4#  
179 70.0 17.0 25.6#  
108 0.0 17.3 25.9#



#41  
Hexachlorocyclopentadiene  
Concen: 0.009 ng  
RT: 13.00 min Scan# 1687  
Delta R.T. 0.18 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Tgt Ion:237 Resp: 56  
Ion Ratio Lower Upper  
237 100  
235 0.0 41.5 81.5#  
272 0.0 0.0 31.7

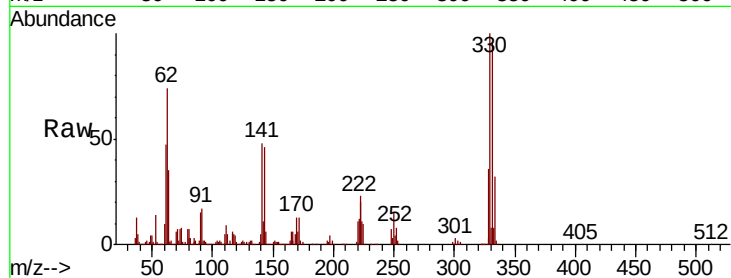




#42  
 2,4,6-Tribromophenol  
 Concen: 126.609 ng  
 RT: 16.11 min Scan# 2217  
 Delta R.T. -0.01 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129957BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 78.3  | 117.5 |
| 141     | 46.9  | 36.6  | 54.8  |

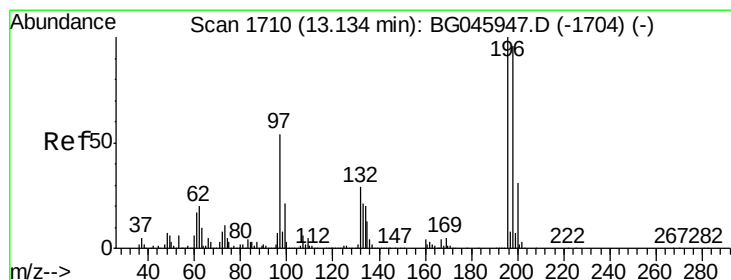
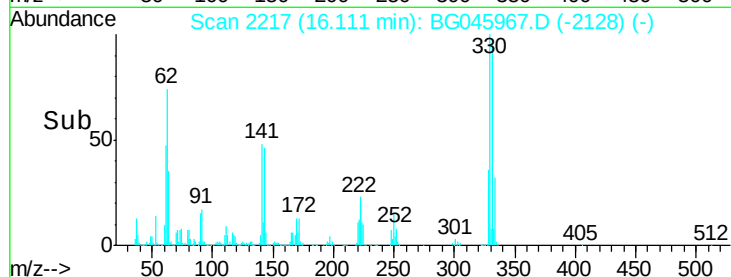
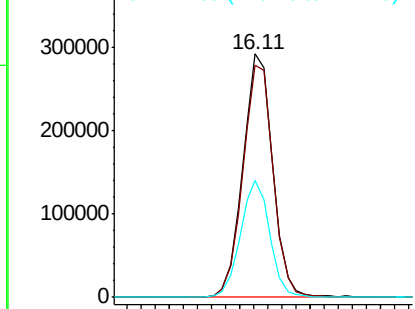


Abundance

Ion 329.80 (329.50 to 330.50): E

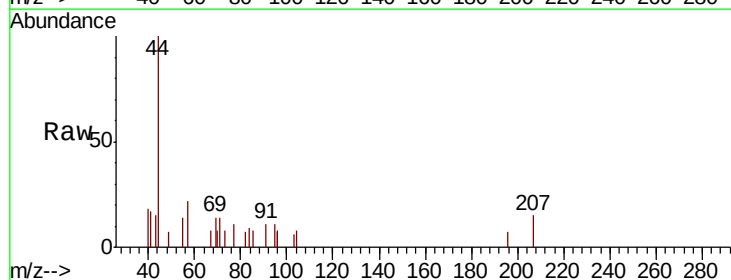
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 0.008 ng  
 RT: 13.61 min Scan# 1791  
 Delta R.T. 0.48 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 196     | 100   |       |        |
| 198     | 0.0   | 77.0  | 115.6# |
| 97      | 0.0   | 44.3  | 66.5#  |
| 132     | 0.0   | 23.1  | 34.7#  |



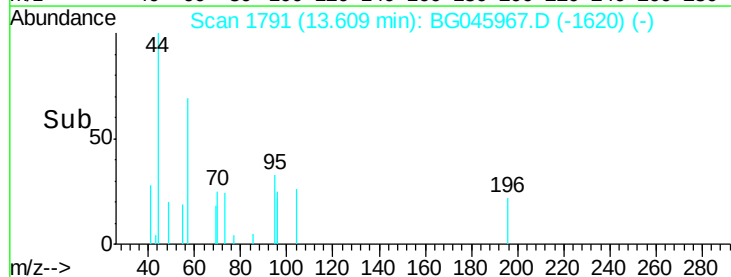
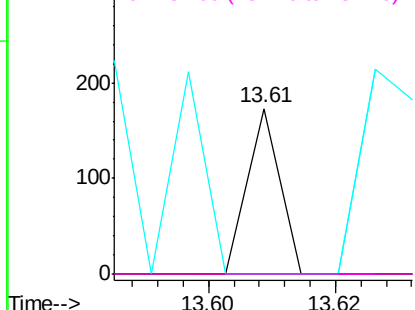
Abundance

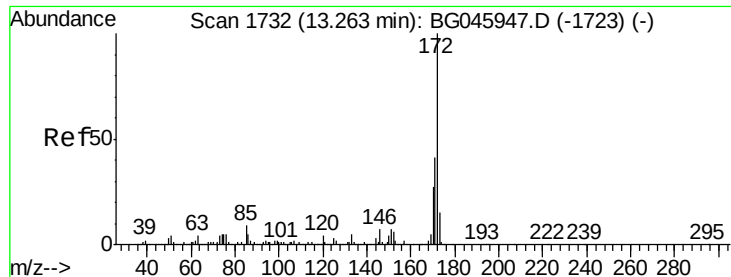
Ion 196.00 (195.70 to 196.70): E

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

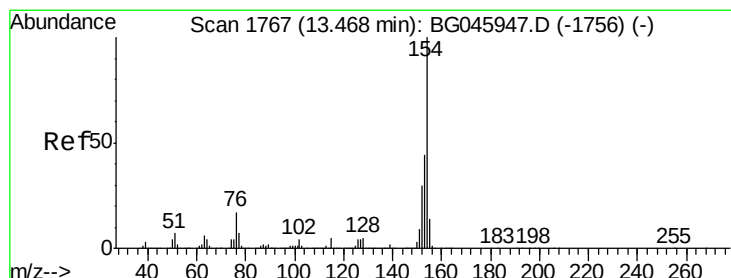
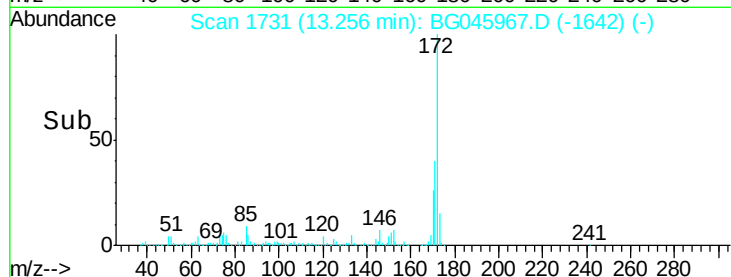
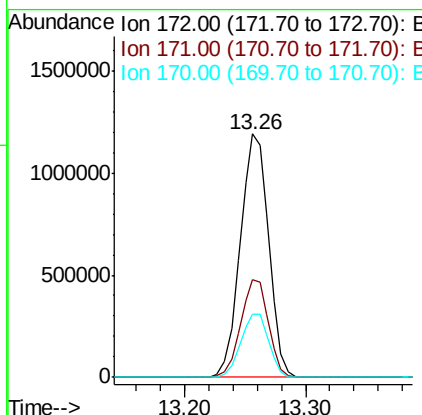
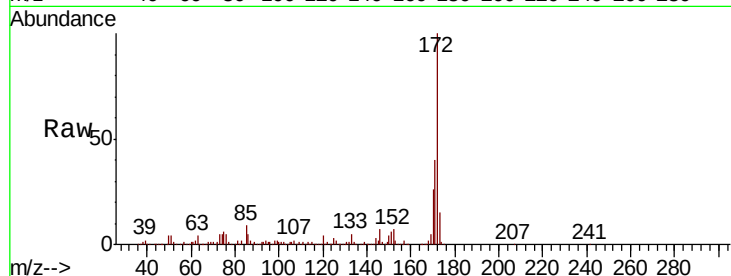




#45  
2-Fluorobiphenyl  
Concen: 82.884 ng  
RT: 13.26 min Scan# 1731  
Delta R.T. -0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

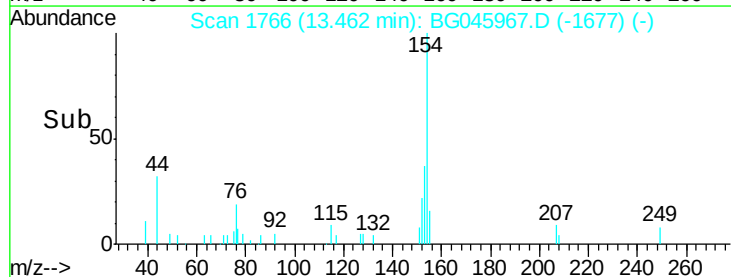
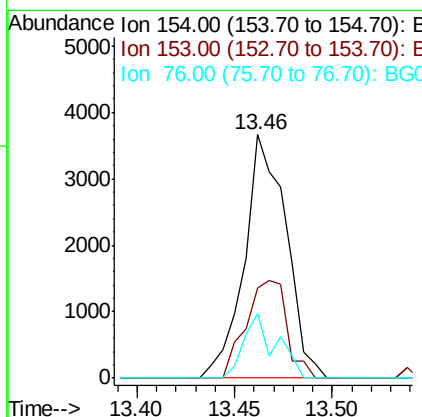
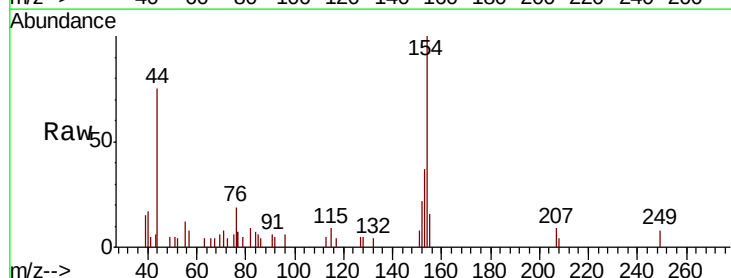
Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

Tot Ion:172 Resp: 1944102  
Ion Ratio Lower Upper  
172 100  
171 40.0 32.9 49.3  
170 26.1 21.8 32.6

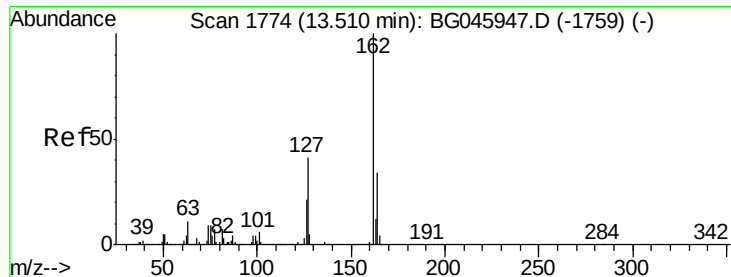


#46  
1,1'-Biphenyl  
Concen: 0.196 ng  
RT: 13.46 min Scan# 1766  
Delta R.T. -0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Tgt Ion:154 Resp: 5408  
Ion Ratio Lower Upper  
154 100  
153 37.2 23.6 63.6  
76 26.2 0.0 36.9



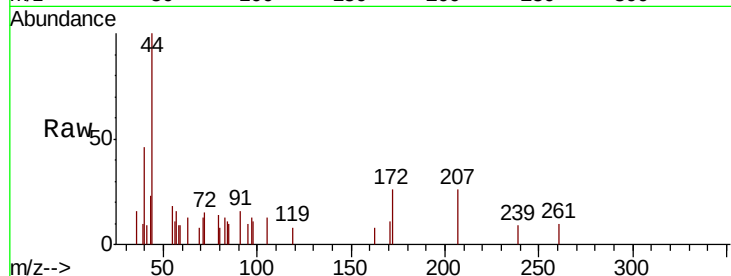




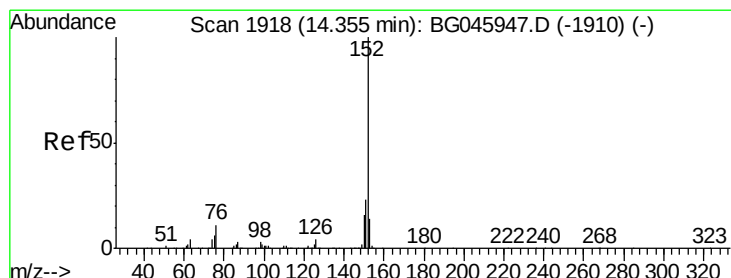
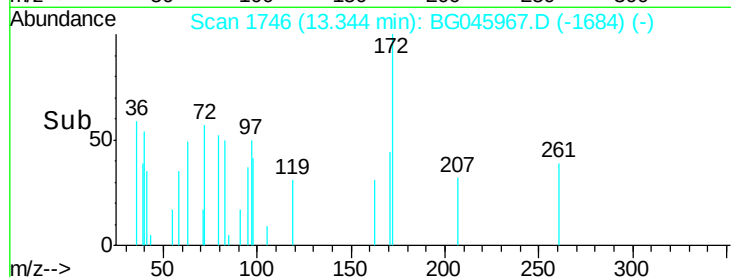
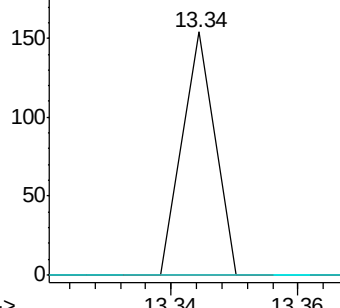
#47  
2-Chloronaphthalene  
Concen: 0.002 ng  
RT: 13.34 min Scan# 1746  
Delta R.T. -0.17 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 0.0   | 32.5  | 48.7# |
| 164     | 0.0   | 27.2  | 40.8# |

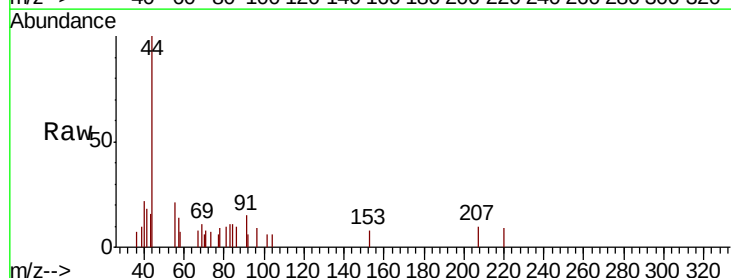


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

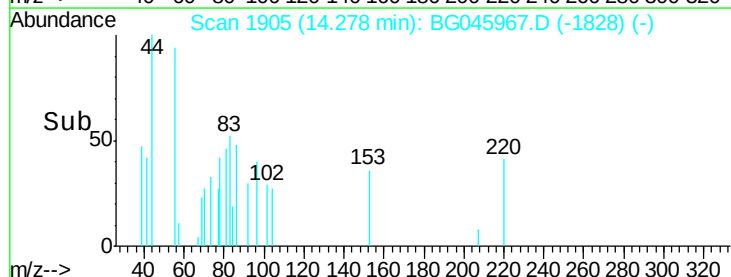
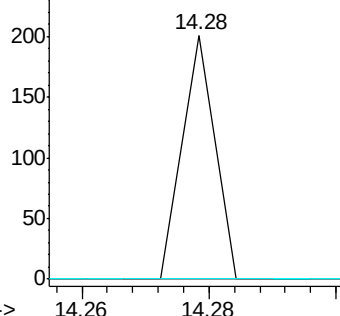


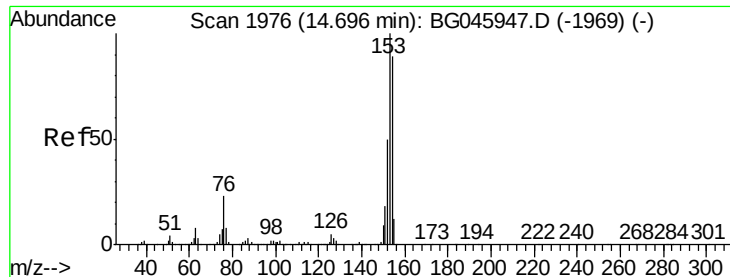
#49  
Acenaphthylene  
Concen: 0.002 ng  
RT: 14.28 min Scan# 1905  
Delta R.T. -0.08 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 0.0   | 18.1  | 27.1# |
| 153     | 0.0   | 11.5  | 17.3# |



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





#52

Acenaphthene

Concen: 0.003 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

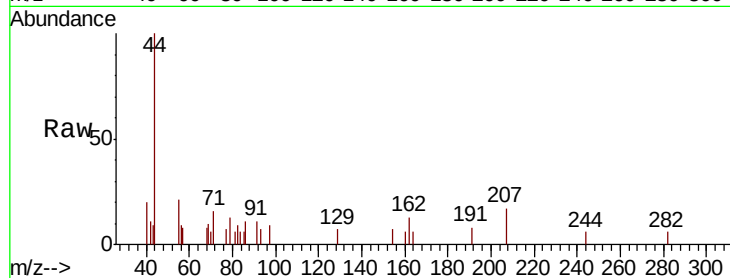
Tot Ion:154 Resp: 62

Ion Ratio Lower Upper

154 100

153 0.0 89.7 134.5#

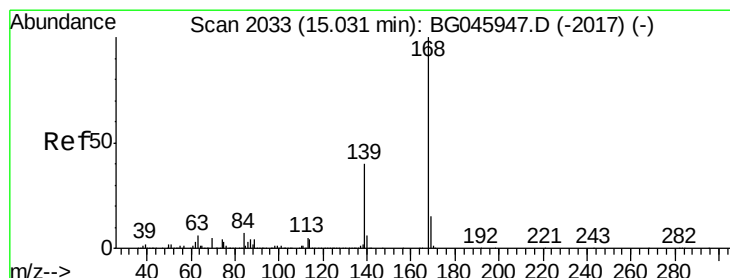
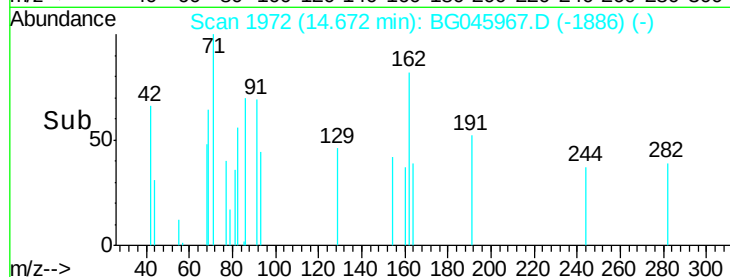
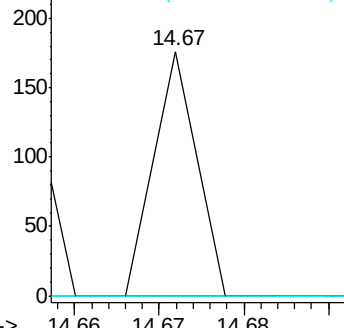
152 0.0 44.7 67.1#



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



#55

Dibenzofuran

Concen: 0.002 ng

RT: 15.11 min Scan# 2047

Delta R.T. 0.08 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

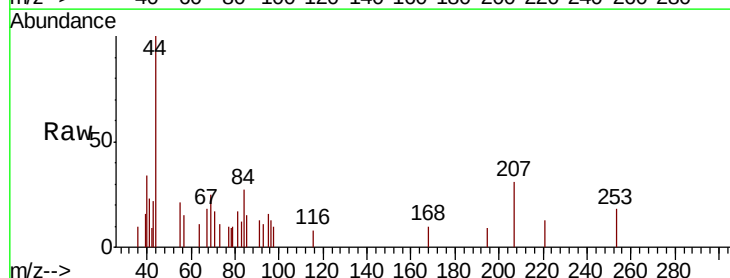
Tgt Ion:168 Resp: 67

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

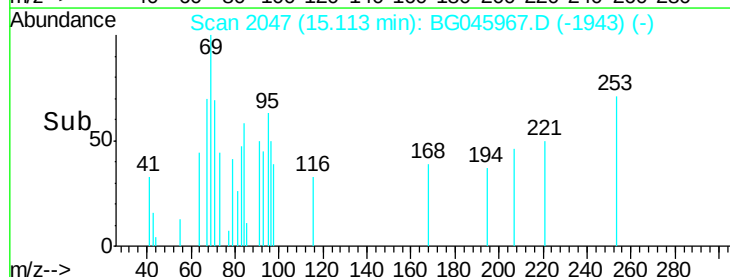
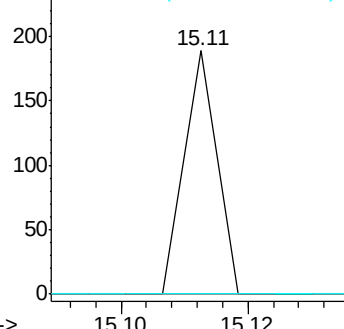
169 0.0 11.8 17.8#

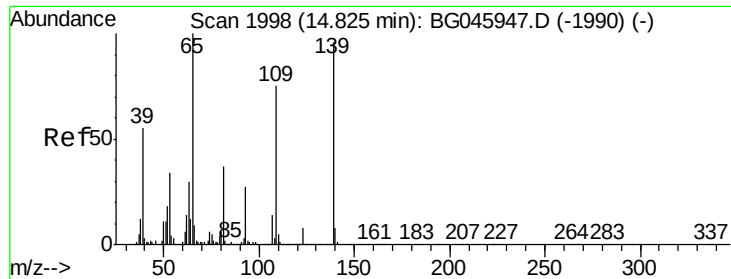


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

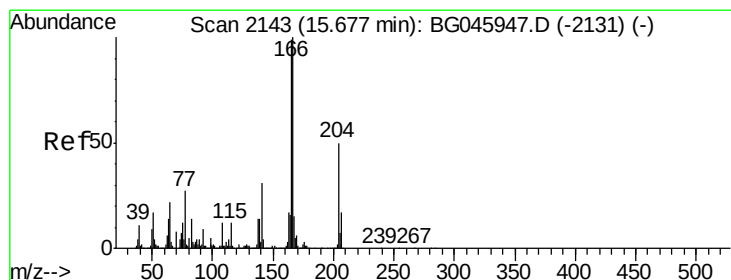
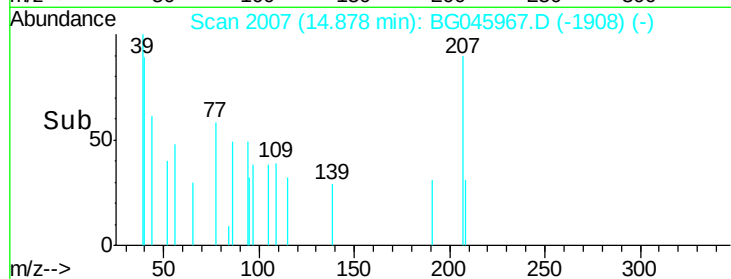
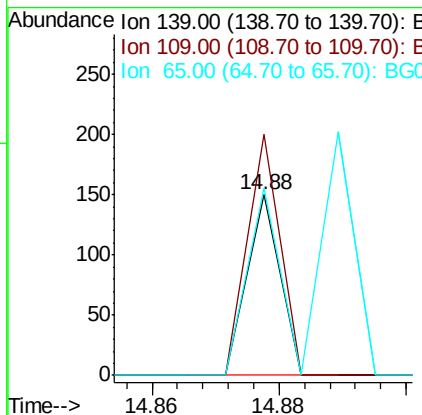
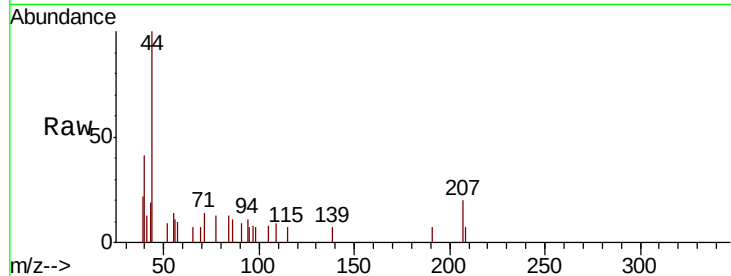




#56  
4-Nitrophenol  
Concen: 0.012 ng  
RT: 14.88 min Scan# 2007  
Delta R.T. 0.05 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

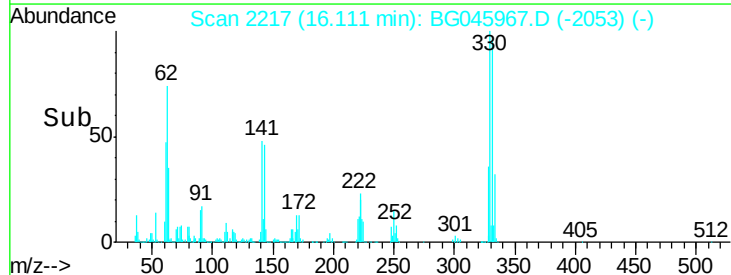
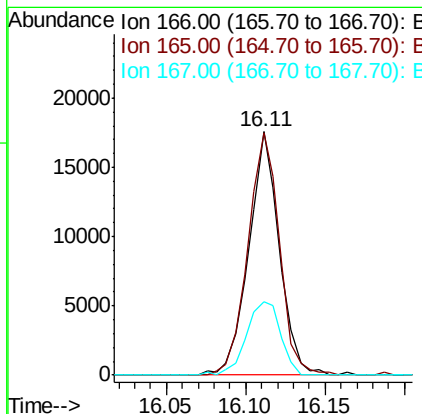
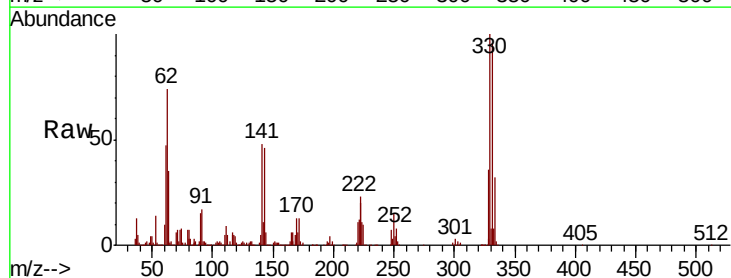
Instrument :  
BNA\_G  
ClientSampled :  
PB129957BL

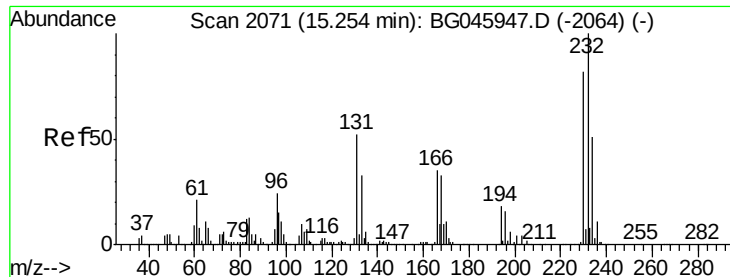
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 133.3 | 58.5  | 98.5# |
| 65      | 104.0 | 84.7  | 124.7 |



#58  
Fluorene  
Concen: 0.883 ng  
RT: 16.11 min Scan# 2217  
Delta R.T. 0.43 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.6  | 78.9  | 118.3 |
| 167     | 30.1  | 12.1  | 18.1# |

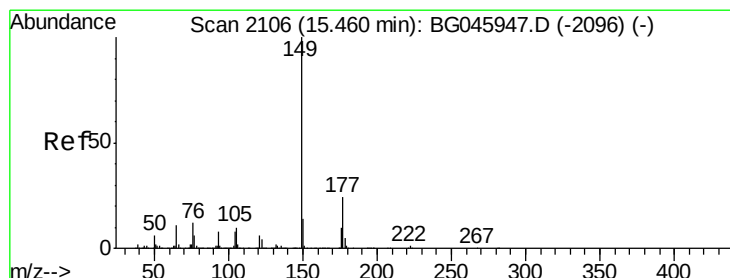
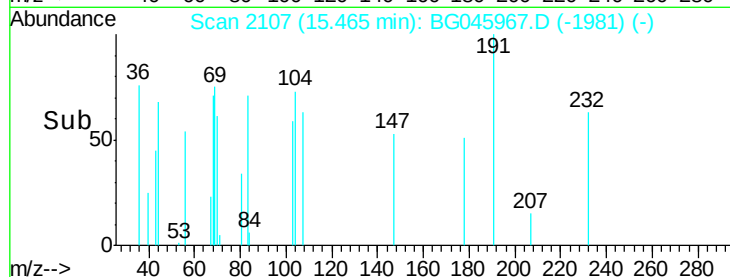
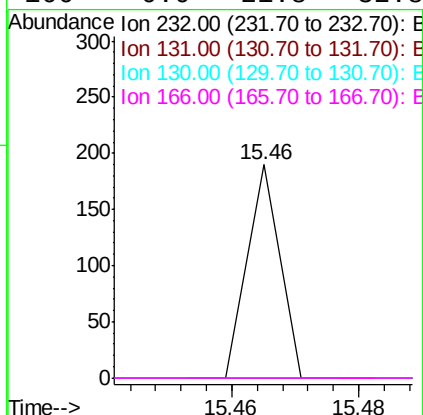
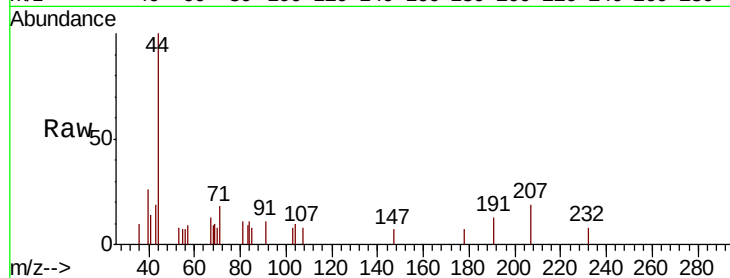




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 0.011 ng  
 RT: 15.46 min Scan# 2107  
 Delta R.T. 0.21 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

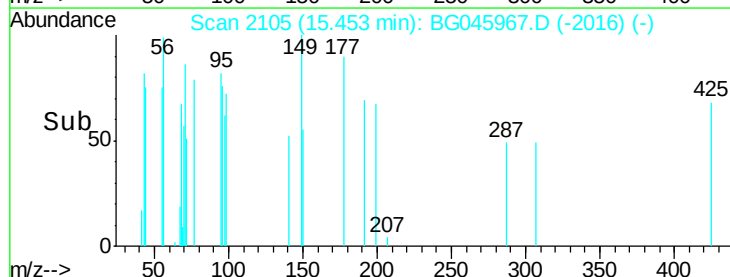
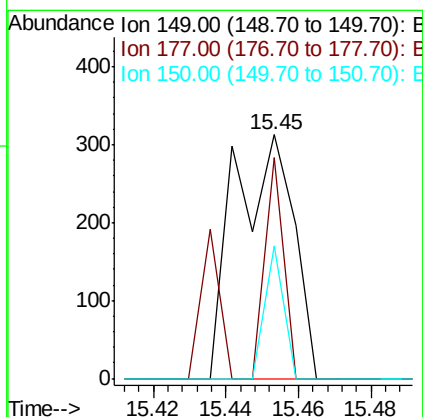
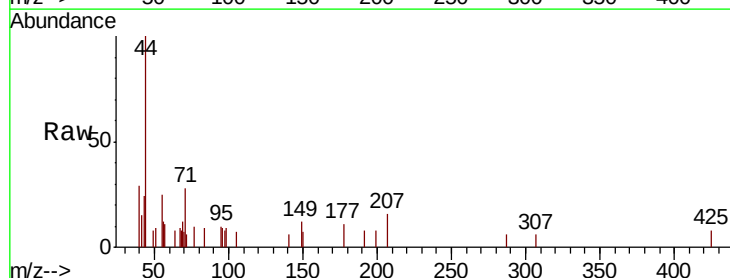
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129957BL

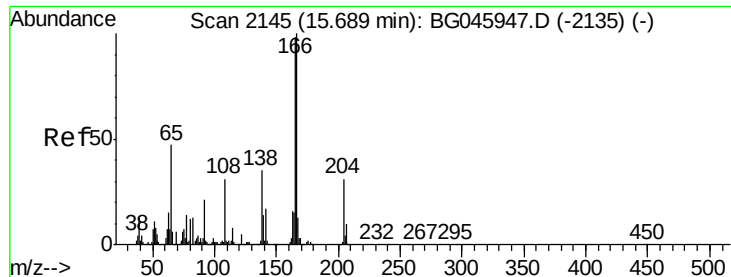
|             |       |       |  |
|-------------|-------|-------|--|
| Tot Ion:232 | Resp: | 67    |  |
| Ion Ratio   | Lower | Upper |  |
| 232 100     |       |       |  |
| 131 0.0     | 35.8  | 53.6# |  |
| 130 0.0     | 2.5   | 3.7#  |  |
| 166 0.0     | 21.8  | 32.8# |  |



#60  
 Diethylphthalate  
 Concen: 0.012 ng  
 RT: 15.45 min Scan# 2105  
 Delta R.T. -0.01 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

|         |       |       |       |
|---------|-------|-------|-------|
| Tgt Ion | 149   | Resp: | 352   |
| Ion     | Ratio | Lower | Upper |
| 149     | 100   |       |       |
| 177     | 90.4  | 19.0  | 28.4# |
| 150     | 54.6  | 11.0  | 16.4# |





#62

4-Nitroaniline

Concen: 0.012 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.06 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampled :

PB129957BL

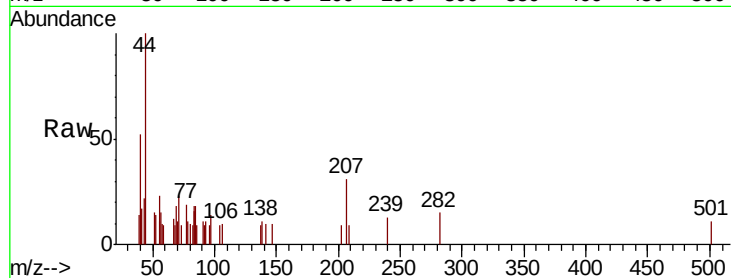
Tot Ion:138 Resp: 66

Ion Ratio Lower Upper

138 100

92 84.0 40.3 80.3#

108 0.0 68.0 108.0#



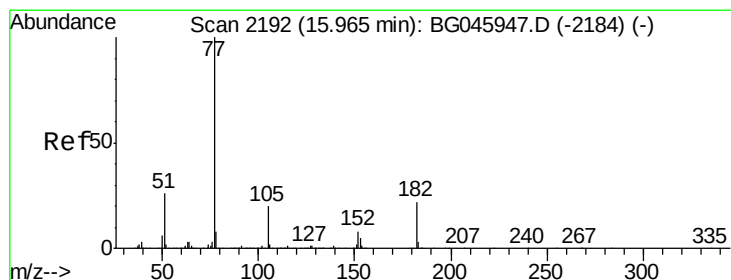
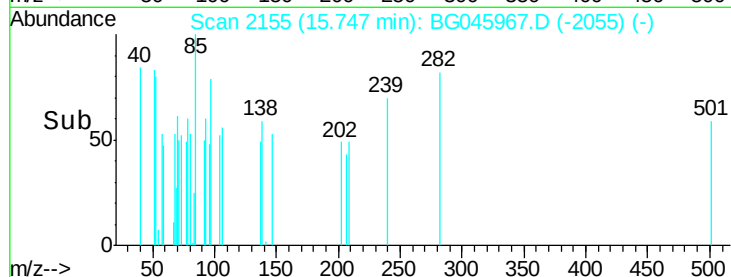
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

15.75

Time-->



#63

Azobenzene

Concen: 0.004 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Tgt Ion: 77 Resp: 131

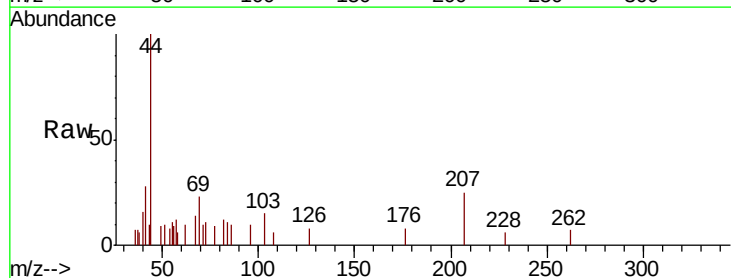
Ion Ratio Lower Upper

77 100

182 0.0 2.4 42.4#

105 0.0 0.3 40.3#

51 116.6 6.3 46.3#



Abundance Ion 77.00 (76.70 to 77.70): BG

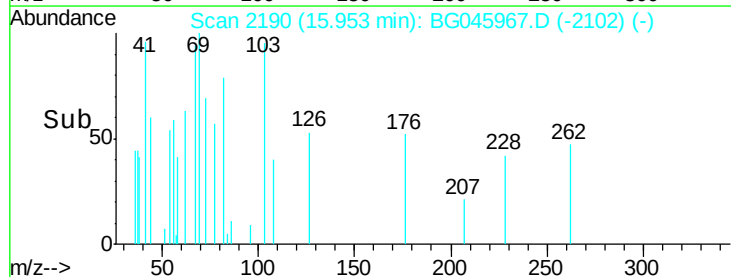
Ion 182.00 (181.70 to 182.70): E

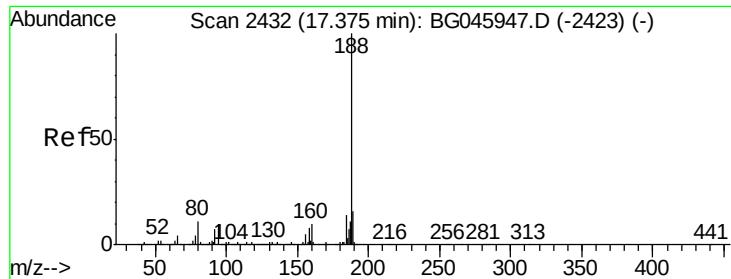
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

15.95

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

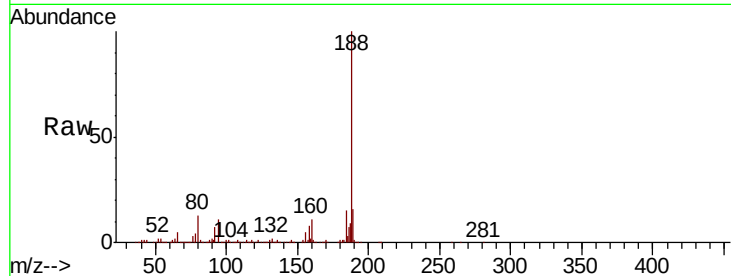
Tot Ion:188 Resp: 735534

Ion Ratio Lower Upper

188 100

94 11.2 8.2 12.4

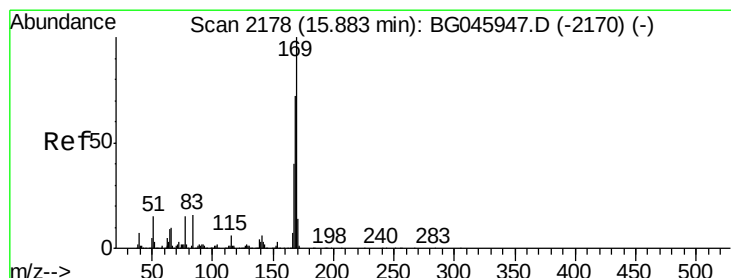
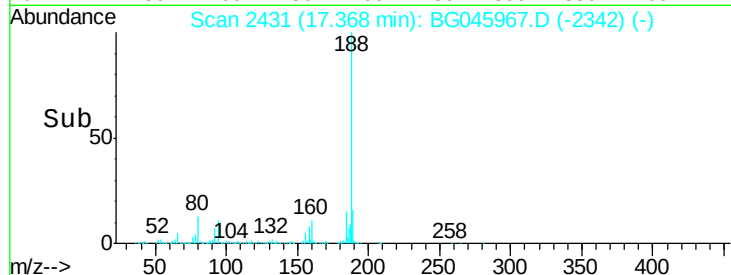
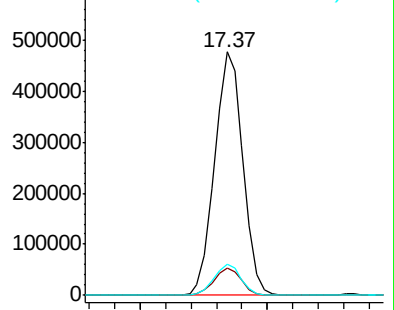
80 12.7 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

n-Nitrosodiphenylamine

Concen: 0.837 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.23 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

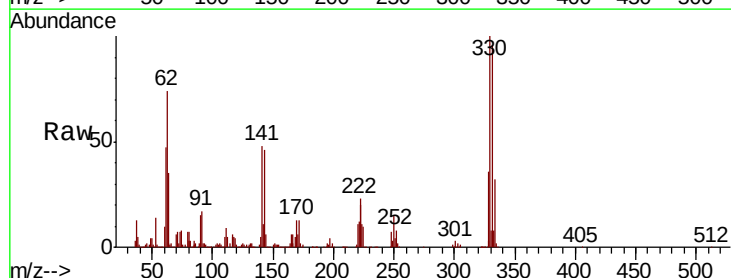
Tgt Ion:169 Resp: 19080

Ion Ratio Lower Upper

169 100

168 7.7 57.3 85.9#

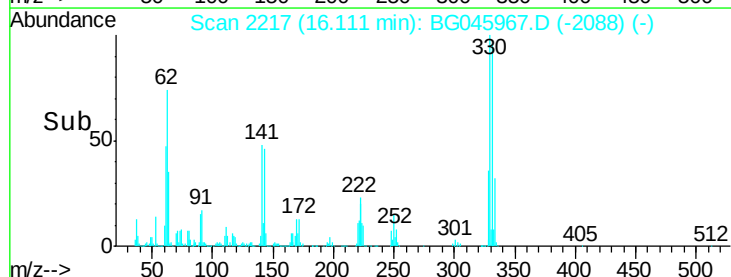
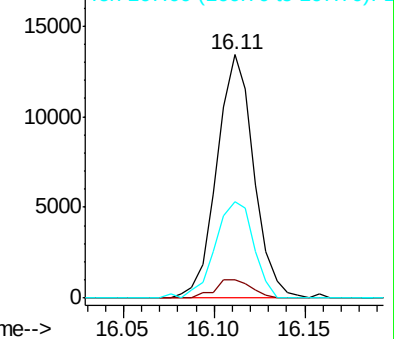
167 39.4 32.1 48.1

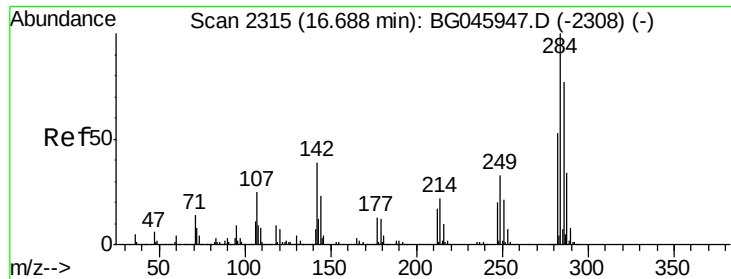


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Hexachlorobenzene

Concen: 0.008 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.41 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

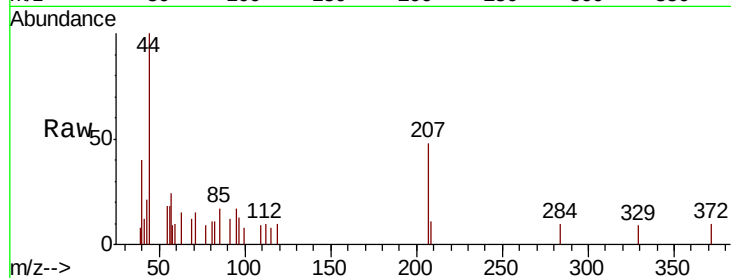
Tot Ion:284 Resp: 65

Ion Ratio Lower Upper

284 100

142 0.0 31.3 46.9#

249 0.0 26.8 40.2#

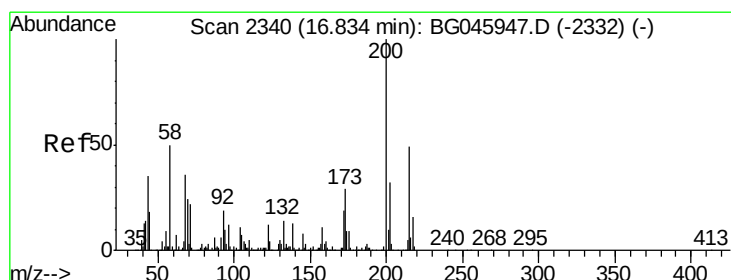
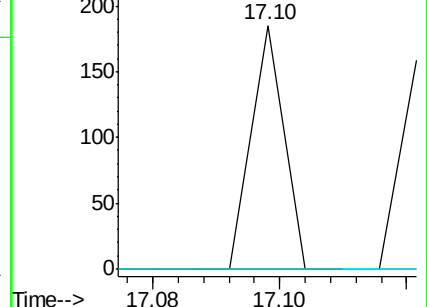
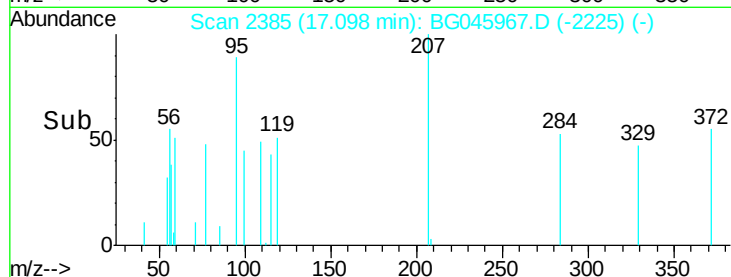


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



#69

Atrazine

Concen: 0.010 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

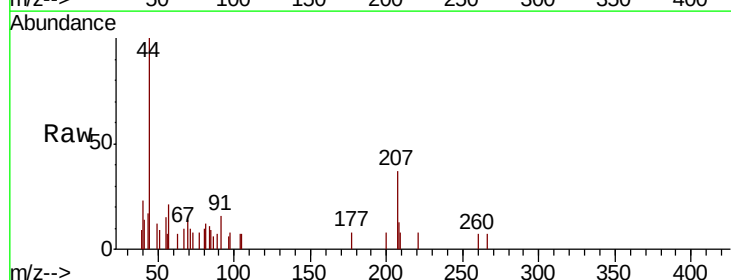
Tgt Ion:200 Resp: 67

Ion Ratio Lower Upper

200 100

173 0.0 9.1 49.1#

215 0.0 28.8 68.8#

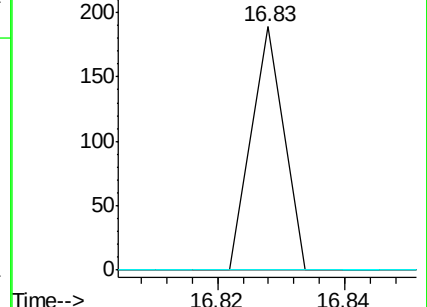
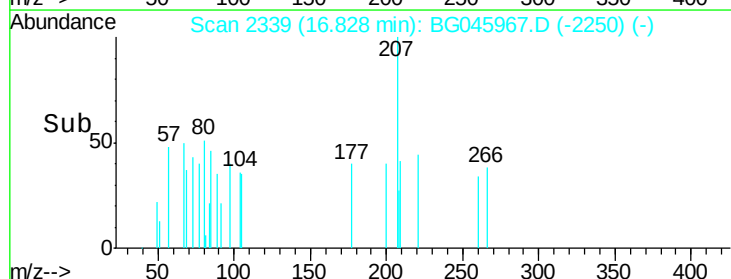


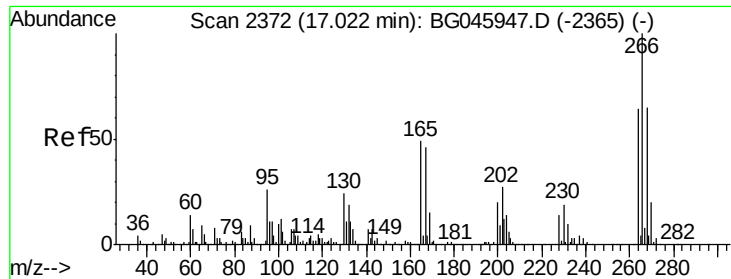
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

Time-->





#70

Pentachlorophenol

Concen: 0.014 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.19 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

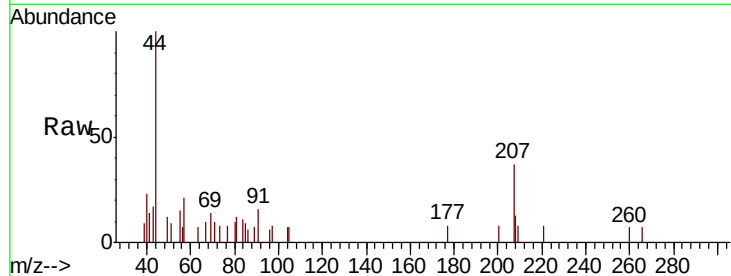
Tot Ion:266 Resp: 63

Ion Ratio Lower Upper

266 100

268 0.0 51.8 77.8#

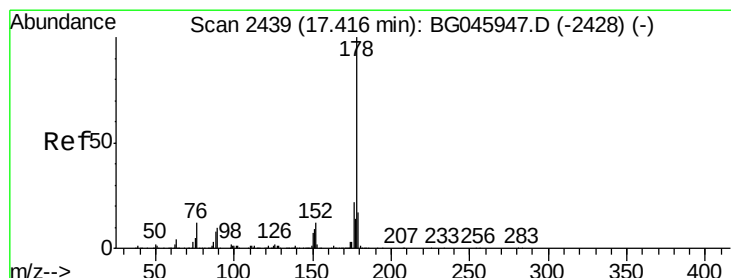
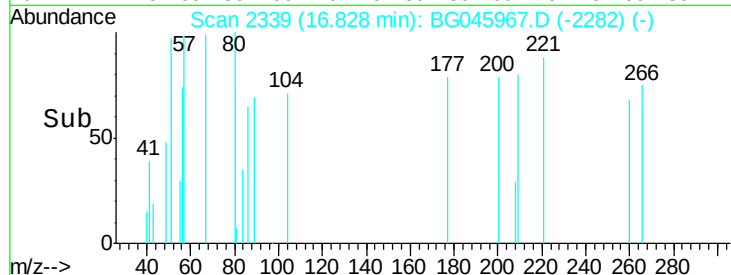
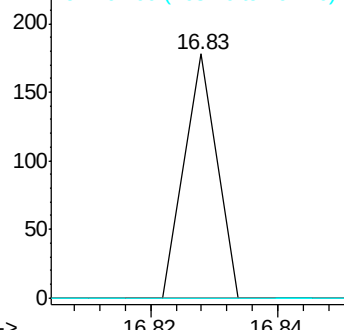
264 0.0 51.4 77.0#



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: 0.012 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.05 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

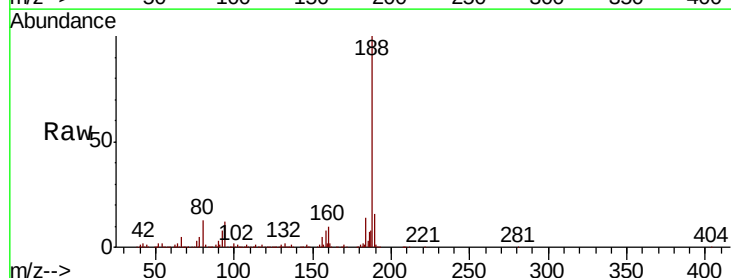
Tgt Ion:178 Resp: 456

Ion Ratio Lower Upper

178 100

176 0.0 17.4 26.2#

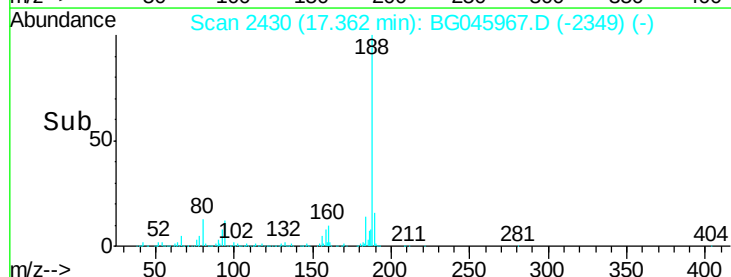
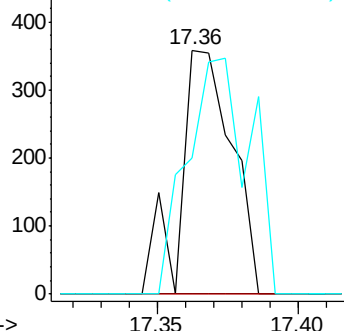
179 55.9 13.4 20.2#



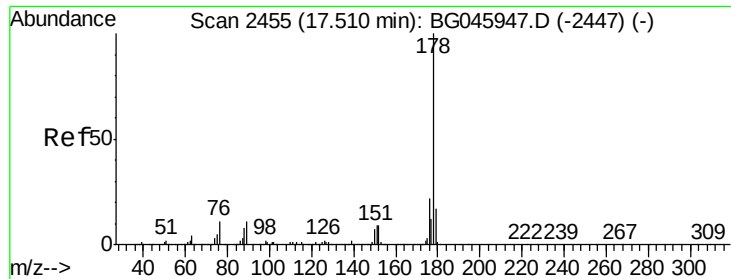
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#72

Anthracene

Concen: 0.003 ng

RT: 17.57 min Scan# 2466

Delta R.T. 0.06 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

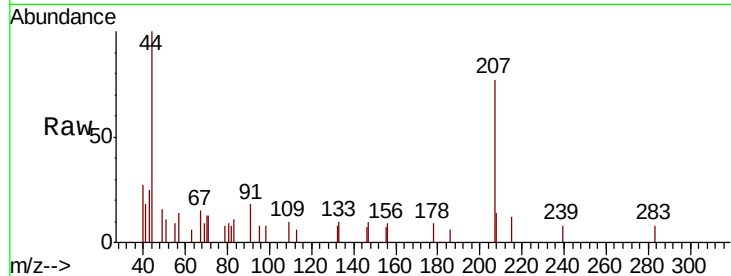
Tot Ion:178 Resp: 134

Ion Ratio Lower Upper

178 100

176 0.0 17.2 25.8#

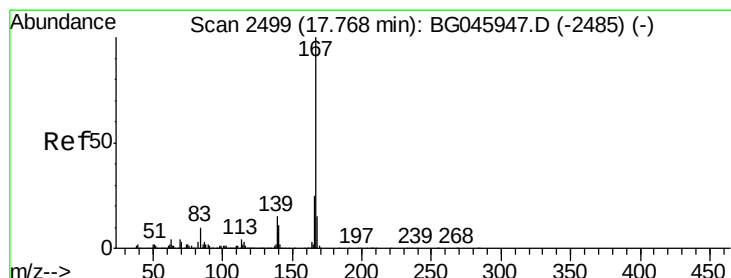
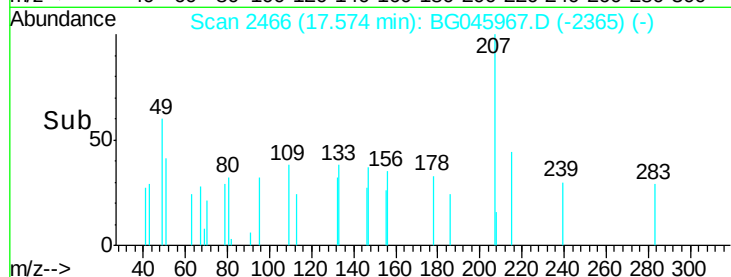
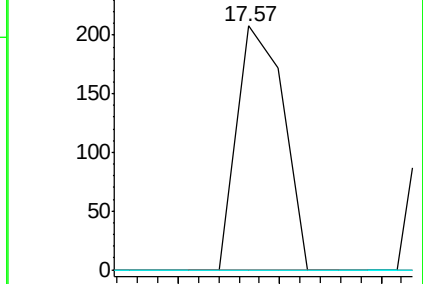
179 0.0 14.0 21.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.002 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

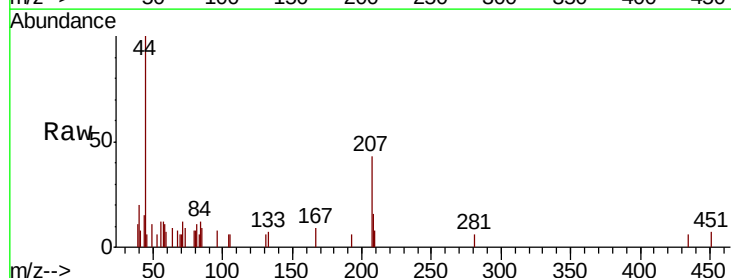
Tgt Ion:167 Resp: 87

Ion Ratio Lower Upper

167 100

166 0.0 20.4 30.6#

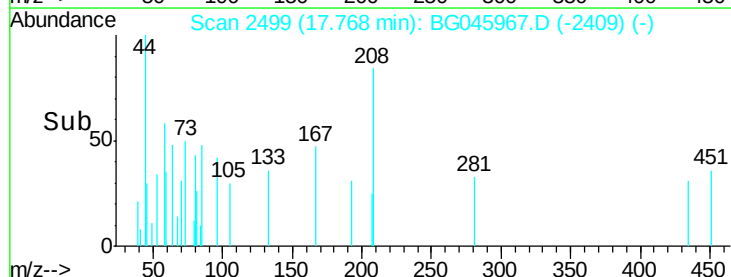
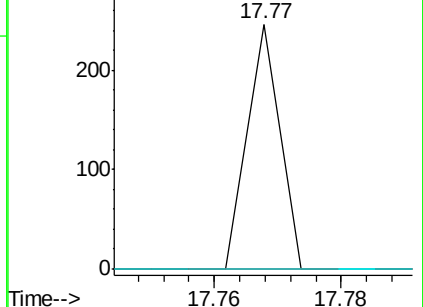
139 0.0 11.8 17.8#

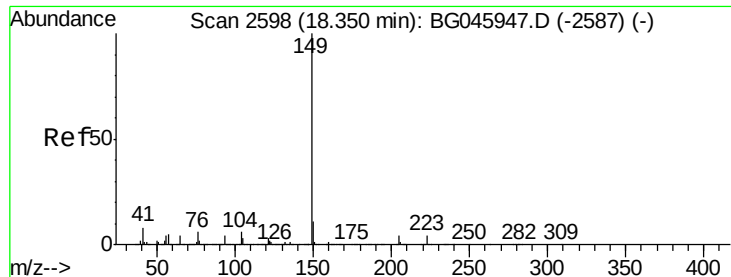


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

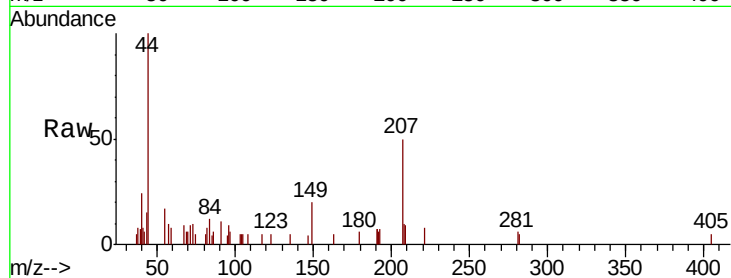




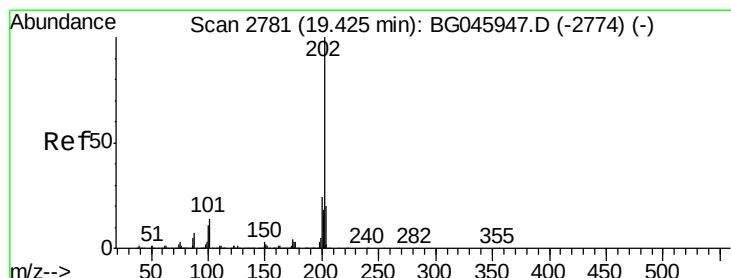
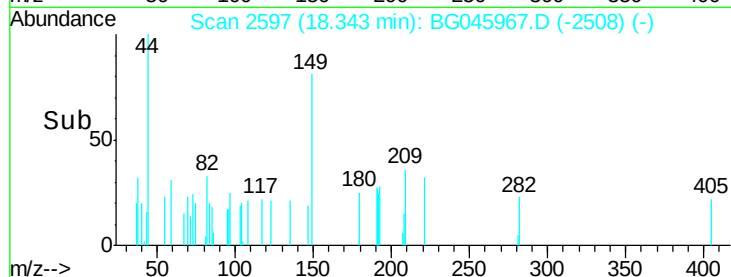
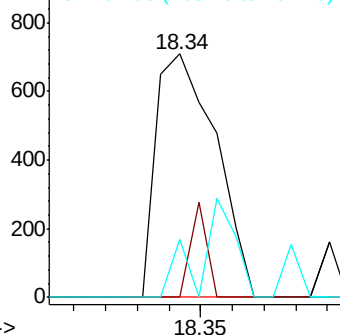
#74  
Di-n-butylphthalate  
Concen: 0.019 ng  
RT: 18.34 min Scan# 2597  
Delta R.T. -0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

Tot Ion:149 Resp: 920  
Ion Ratio Lower Upper  
149 100  
150 0.0 9.0 13.4#  
104 24.0 5.2 7.8#

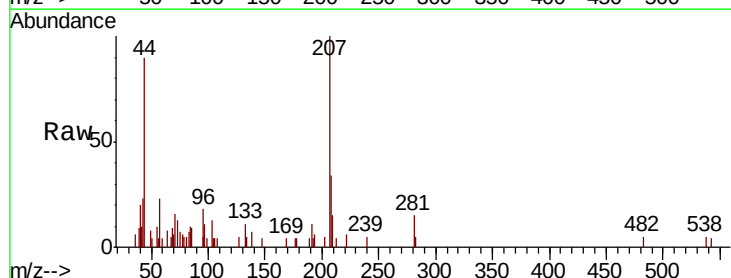


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E

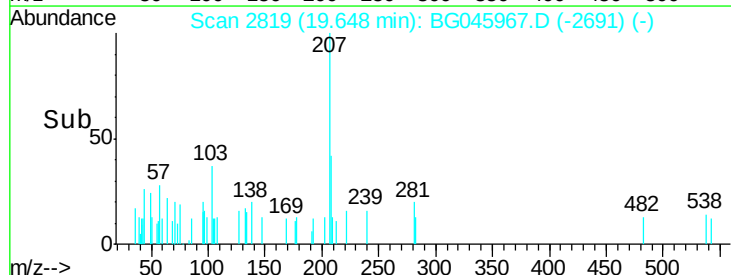
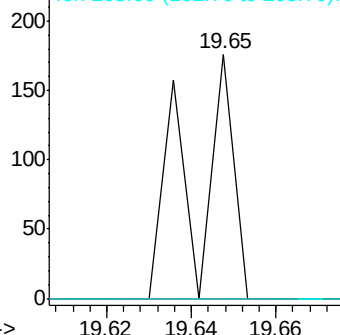


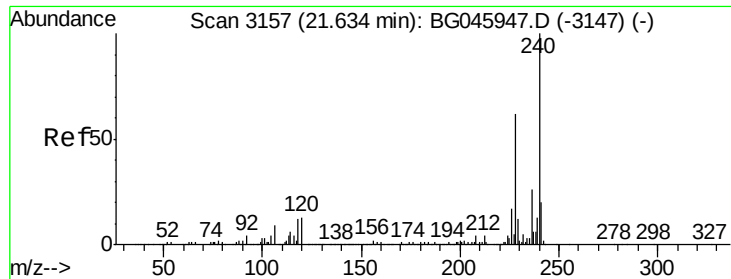
#75  
Fluoranthene  
Concen: 0.003 ng  
RT: 19.65 min Scan# 2819  
Delta R.T. 0.22 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

Tgt Ion:202 Resp: 117  
Ion Ratio Lower Upper  
202 100  
101 0.0 0.0 33.8  
203 0.0 0.4 40.4#



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

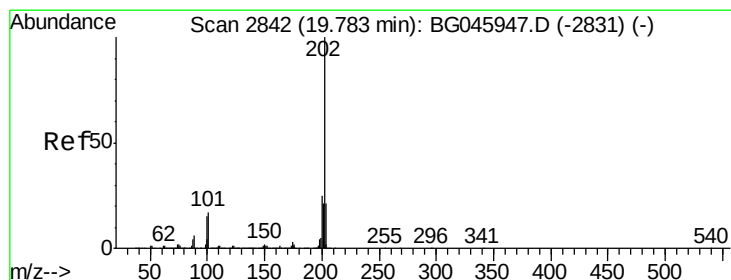
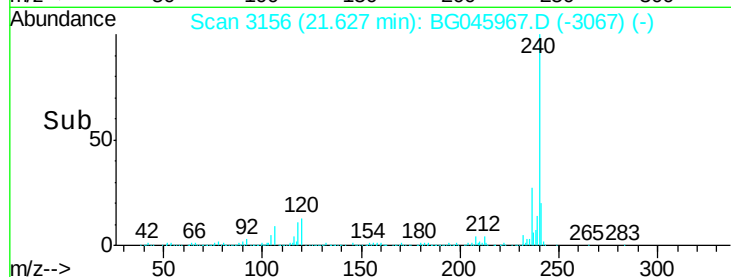
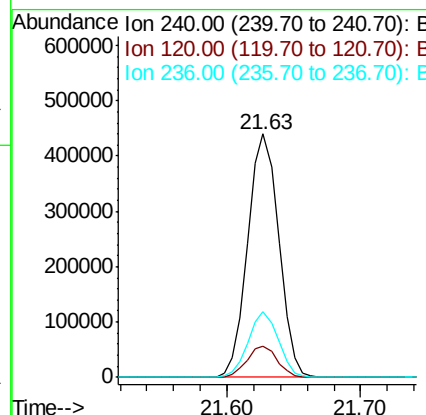
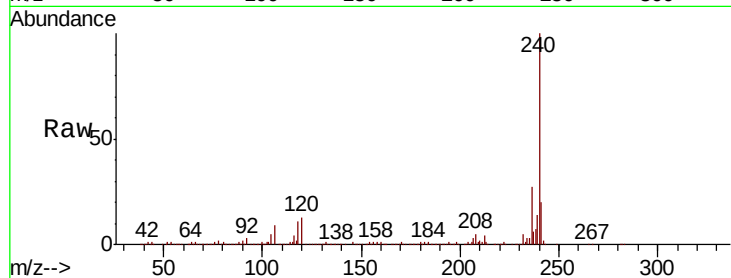




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. -0.01 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

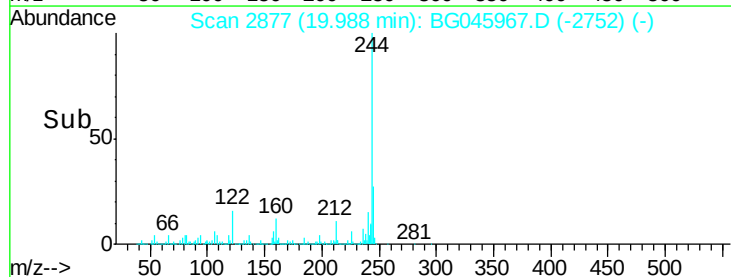
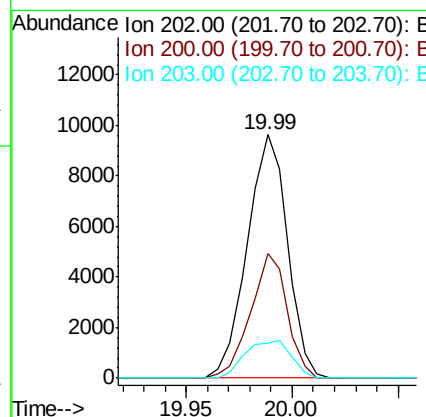
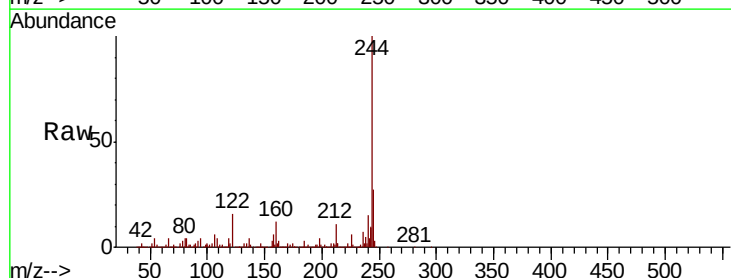
Instrument :  
BNA\_G  
ClientSampleId :  
PB129957BL

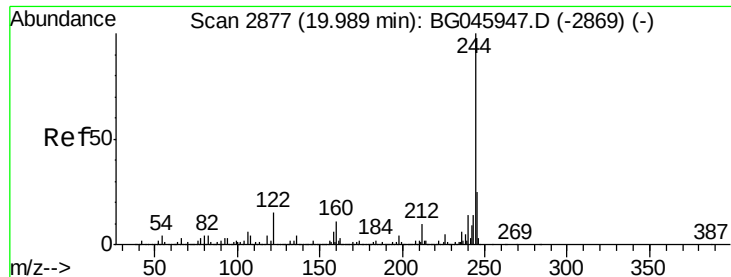
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.6  | 10.6  | 16.0  |
| 236     | 26.8  | 20.4  | 30.6  |



#78  
Pyrene  
Concen: 0.264 ng  
RT: 19.99 min Scan# 2877  
Delta R.T. 0.20 min  
Lab File: BG045967.D  
Acq: 7 Jul 2020 20:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 50.9  | 20.1  | 30.1# |
| 203     | 14.4  | 16.5  | 24.7# |





#79

Terphenyl-d14

Concen: 83.462 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

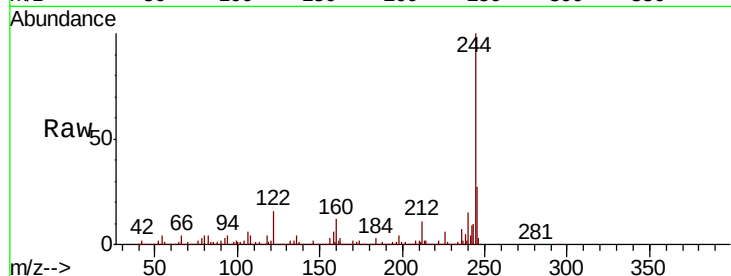
Tot Ion:244 Resp: 2646890

Ion Ratio Lower Upper

244 100

212 10.6 8.3 12.5

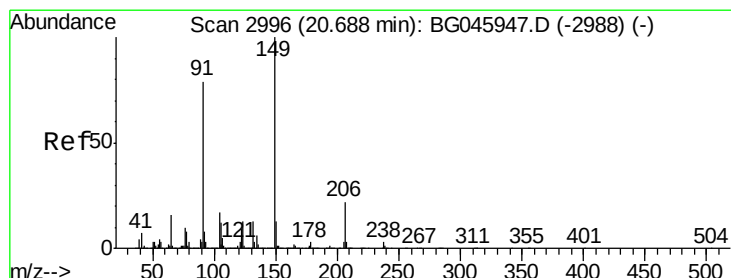
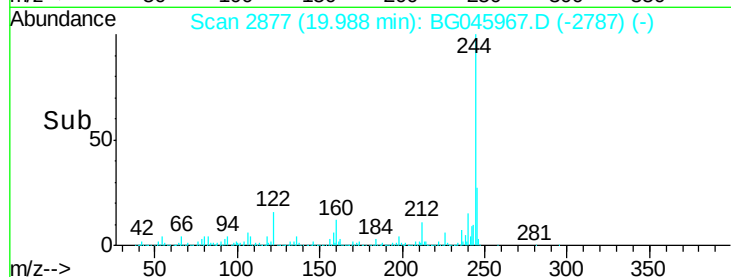
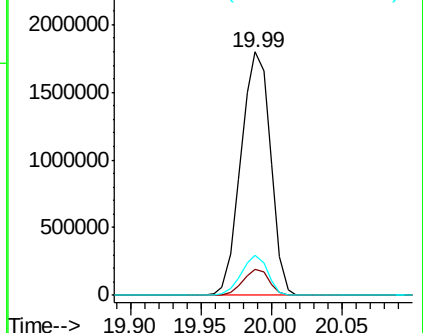
122 16.4 12.1 18.1



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: 0.009 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

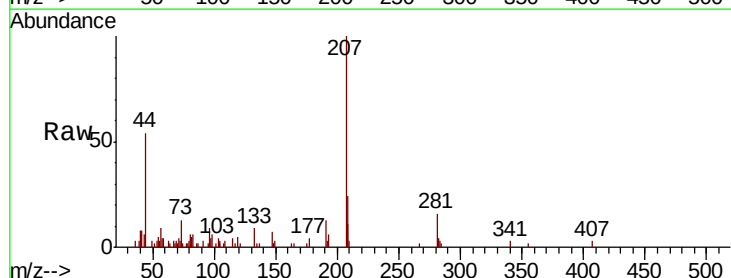
Tgt Ion:149 Resp: 209

Ion Ratio Lower Upper

149 100

91 97.1 63.1 94.7#

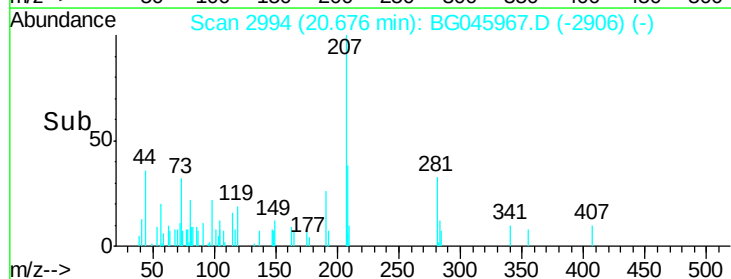
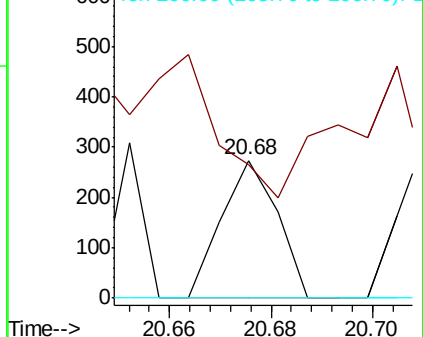
206 0.0 17.4 26.0#

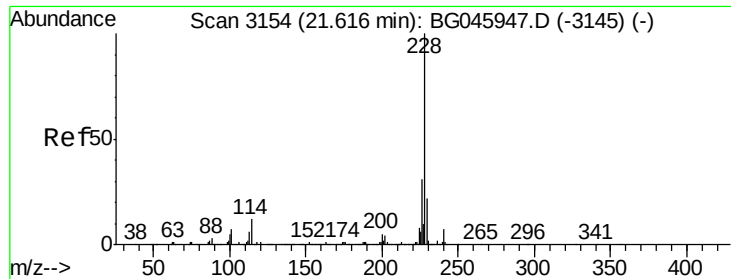


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.055 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

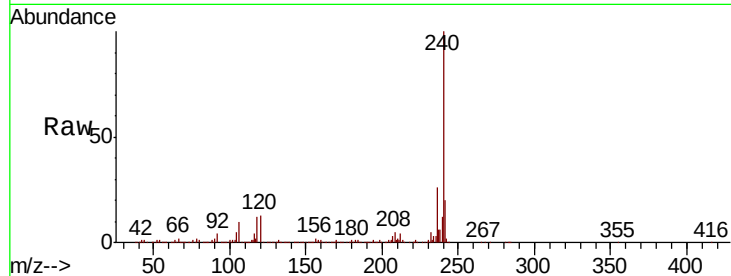
Tot Ion:228 Resp: 2547

Ion Ratio Lower Upper

228 100

226 9.4 24.8 37.2#

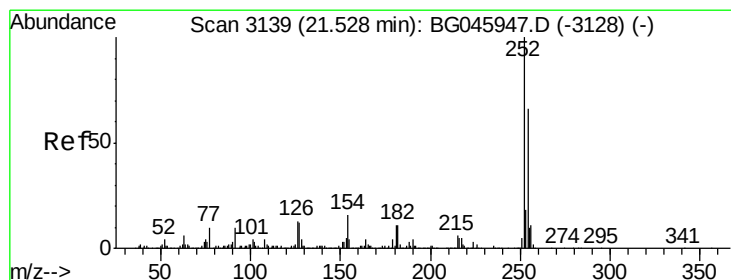
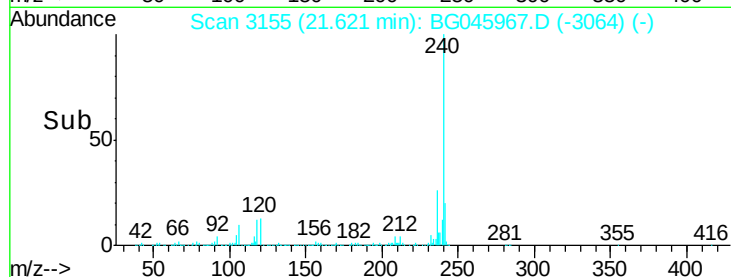
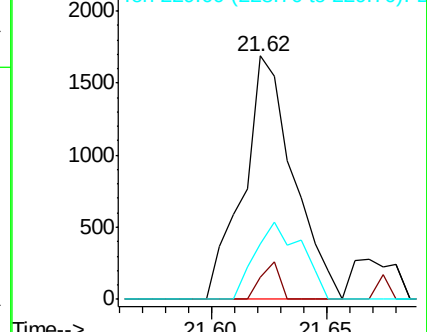
229 22.9 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.012 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

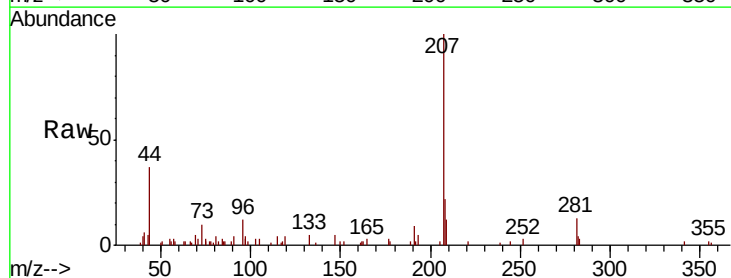
Tgt Ion:252 Resp: 208

Ion Ratio Lower Upper

252 100

254 0.0 52.9 79.3#

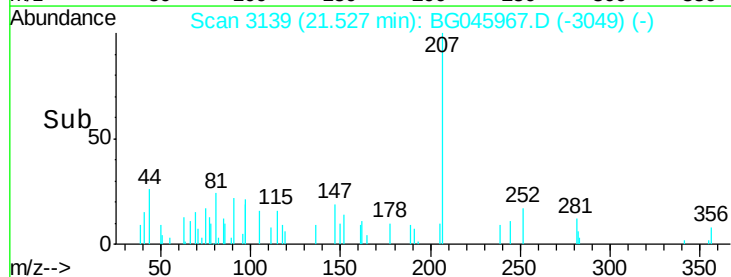
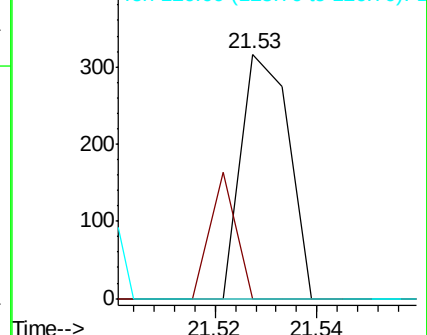
126 0.0 10.4 15.6#

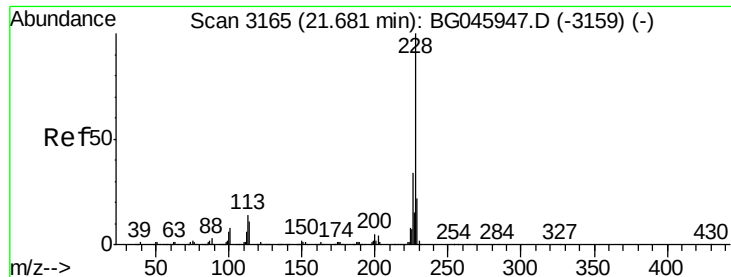


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.008 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampled :

PB129957BL

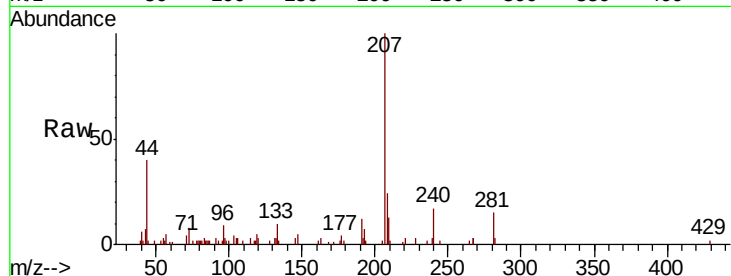
Tot Ion:228 Resp: 360

Ion Ratio Lower Upper

228 100

226 0.0 26.7 40.1#

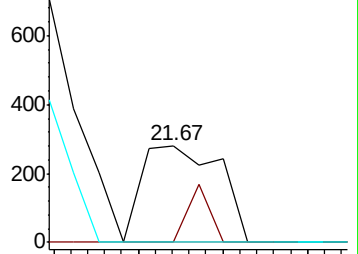
229 0.0 17.3 25.9#



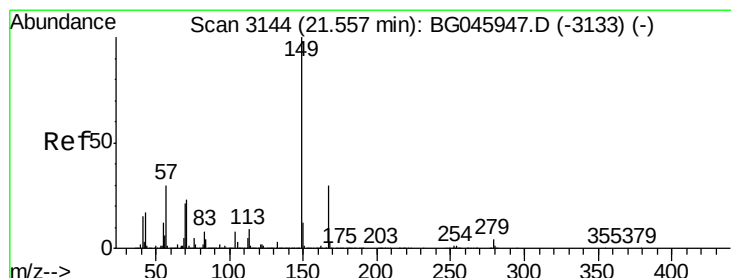
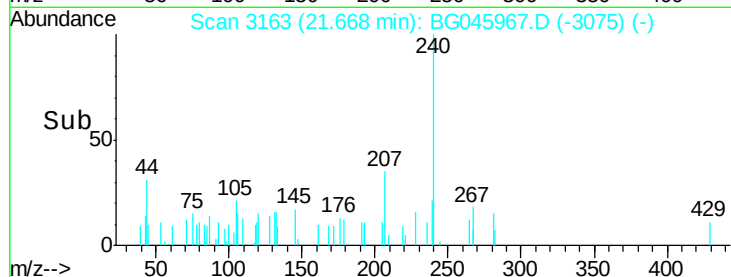
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.64 21.66 21.68 21.70



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.019 ng

RT: 21.54 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

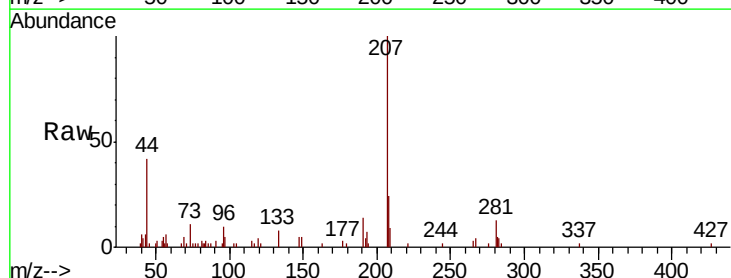
Tgt Ion:149 Resp: 612

Ion Ratio Lower Upper

149 100

167 0.0 23.8 35.8#

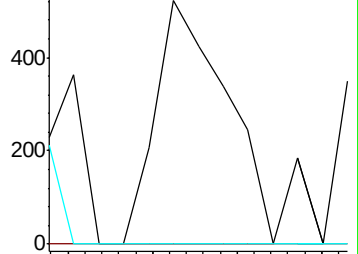
279 0.0 3.5 5.3#



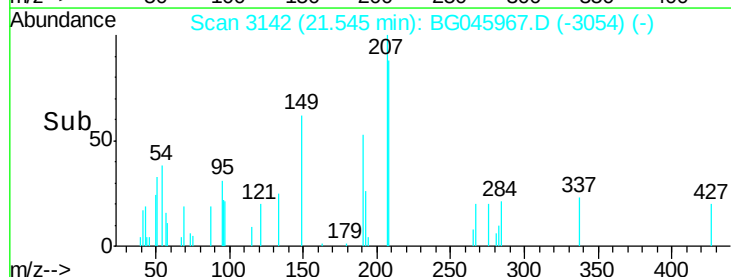
Abundance Ion 149.00 (148.70 to 149.70): E

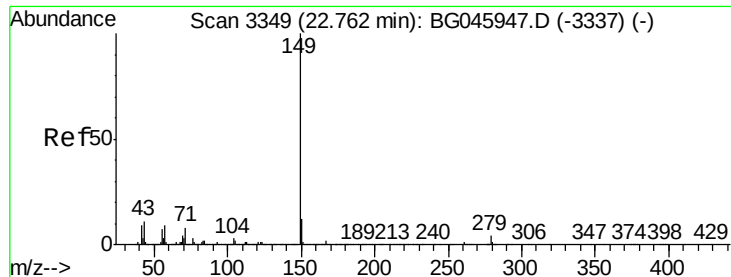
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.52 21.54 21.56 21.58





#85

Di-n-octyl phthalate

Concen: 0.010 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

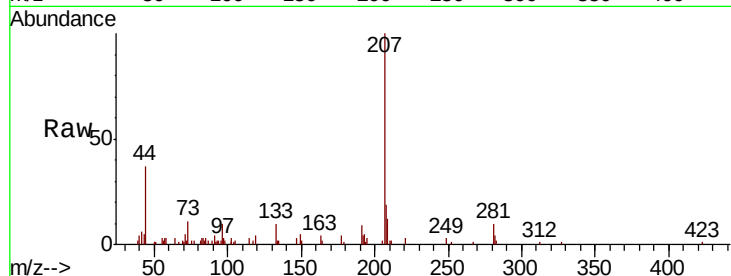
Tot Ion:149 Resp: 555

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

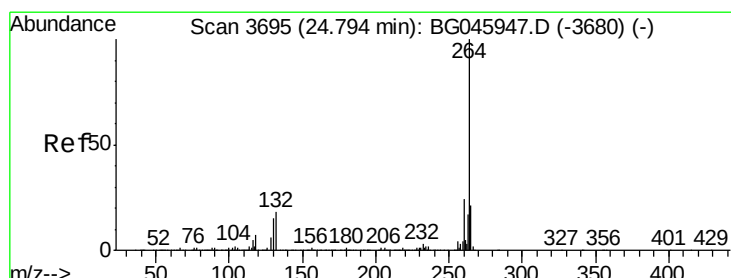
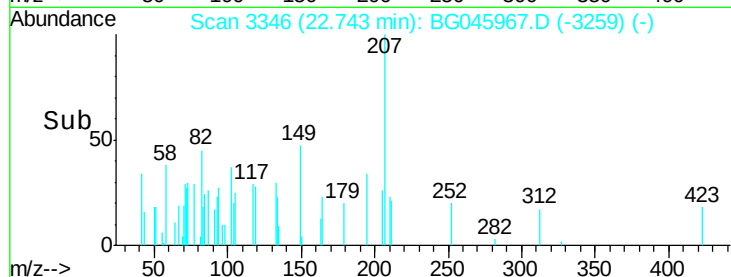
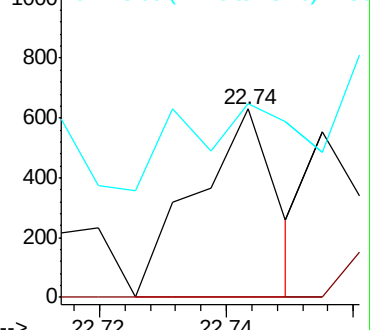
43 0.0 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

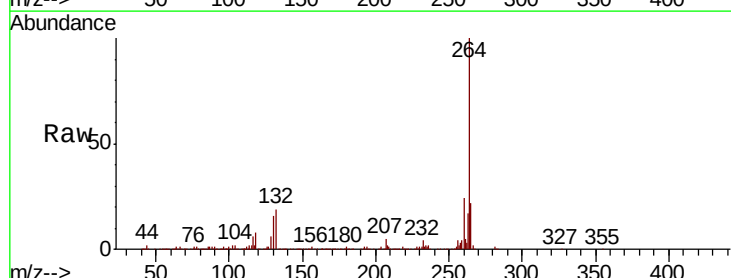
Tgt Ion:264 Resp: 696426

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

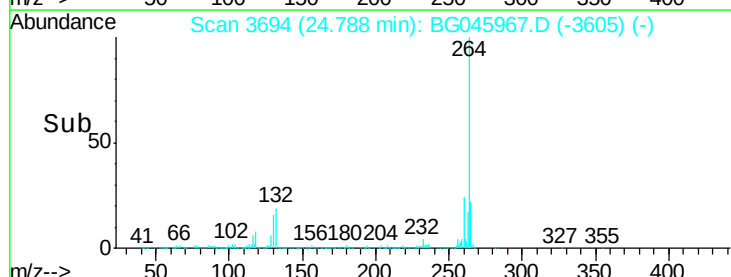
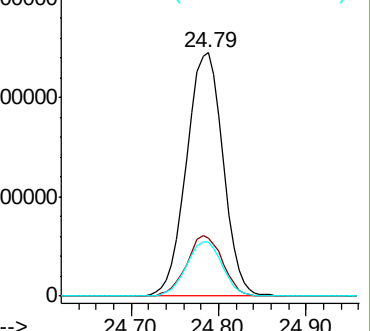
265 22.2 16.9 25.3

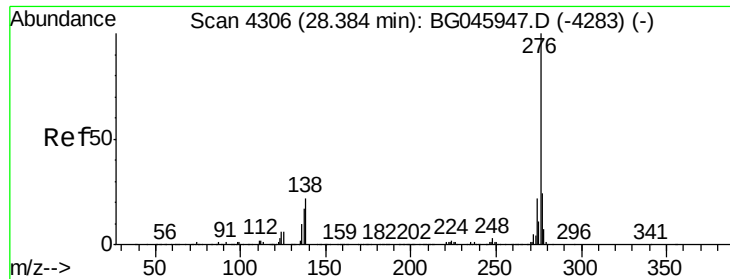


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

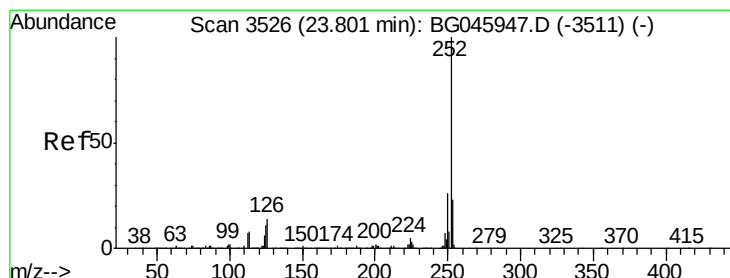
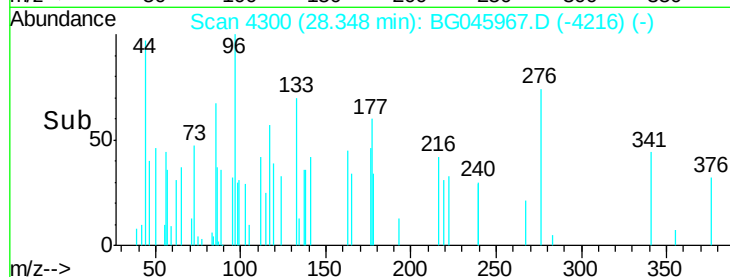
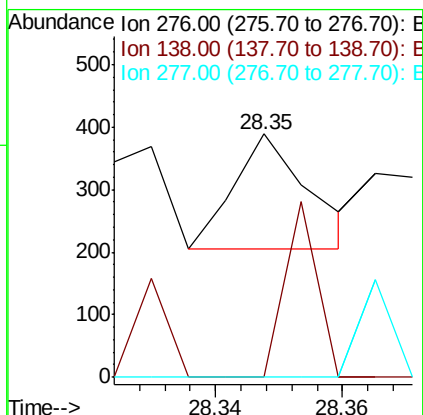
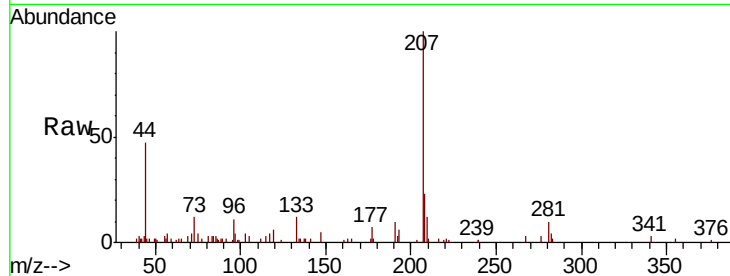




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.003 ng  
 RT: 28.35 min Scan# 4300  
 Delta R.T. -0.04 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

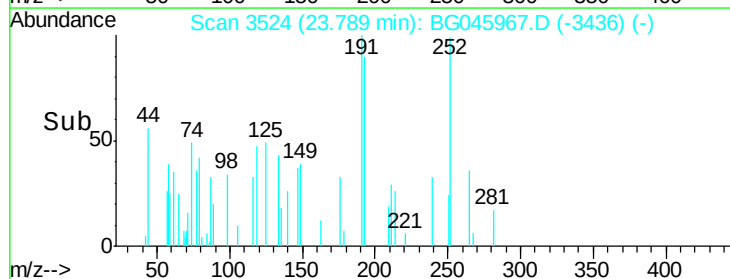
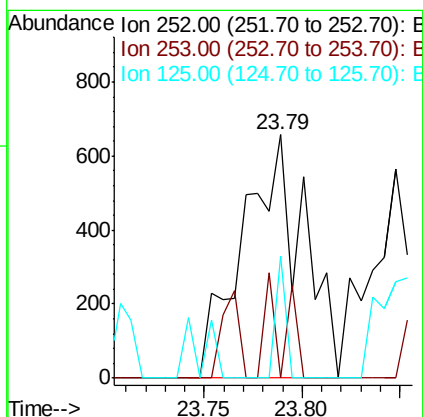
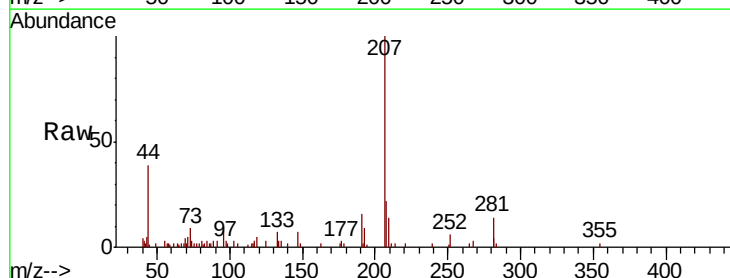
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB129957BL

Tot Ion:276 Resp: 148  
 Ion Ratio Lower Upper  
 276 100  
 138 66.9 16.4 24.6#  
 277 37.2 20.6 31.0#

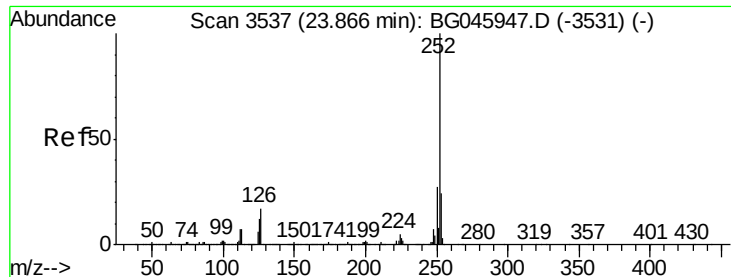


#88  
 Benzo(b)fluoranthene  
 Concen: 0.032 ng  
 RT: 23.79 min Scan# 3524  
 Delta R.T. -0.01 min  
 Lab File: BG045967.D  
 Acq: 7 Jul 2020 20:01

Tgt Ion:252 Resp: 1422  
 Ion Ratio Lower Upper  
 252 100  
 253 0.0 18.5 27.7#  
 125 50.2 9.2 13.8#







#89

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

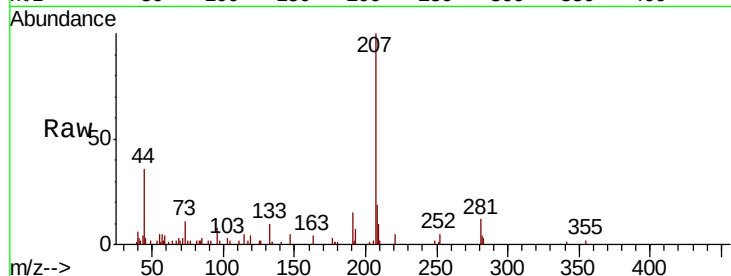
Tot Ion:252 Resp: 947

Ion Ratio Lower Upper

252 100

253 0.0 18.9 28.3#

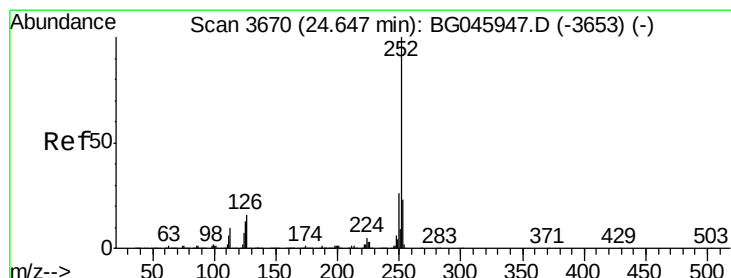
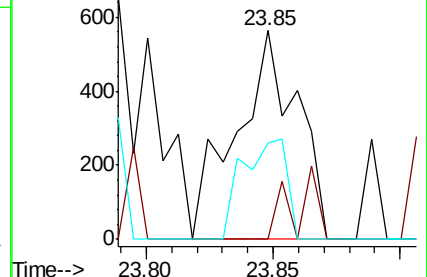
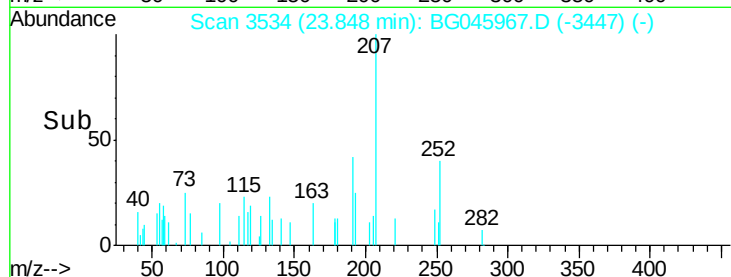
125 46.1 9.6 14.4#



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: 0.026 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

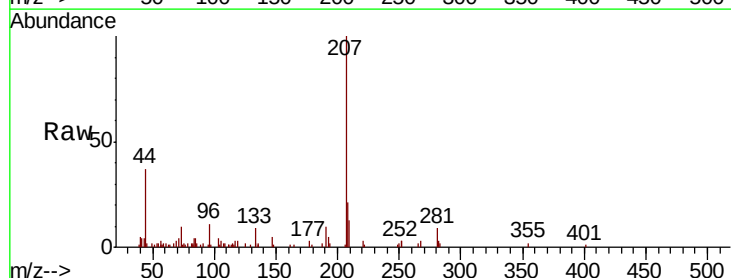
Tgt Ion:252 Resp: 1085

Ion Ratio Lower Upper

252 100

253 0.0 18.6 28.0#

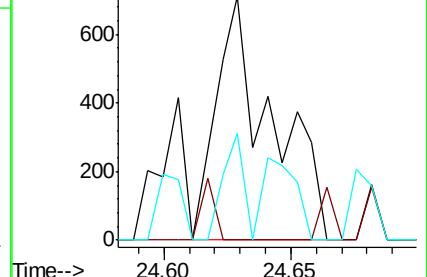
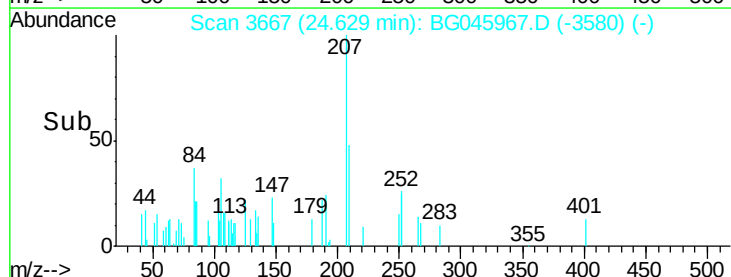
125 43.6 10.5 15.7#

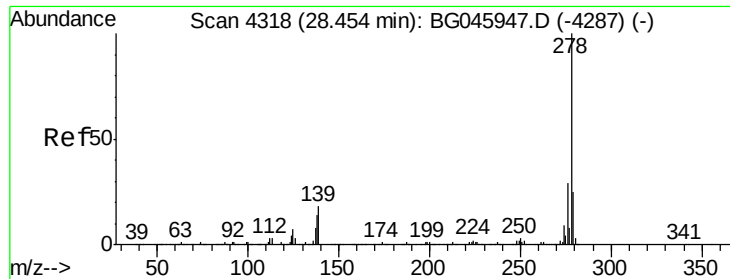


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.01 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

Instrument :

BNA\_G

ClientSampleId :

PB129957BL

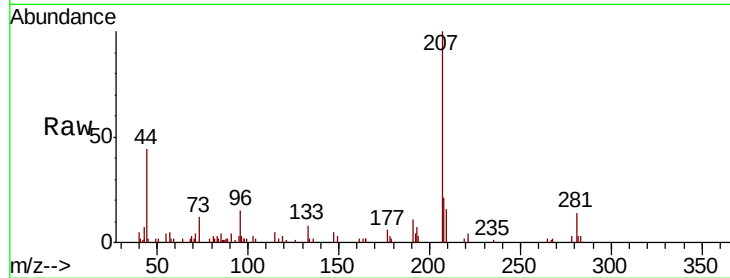
Tot Ion:278 Resp: 178

Ion Ratio Lower Upper

278 100

139 0.0 14.3 21.5#

279 0.0 19.8 29.6#

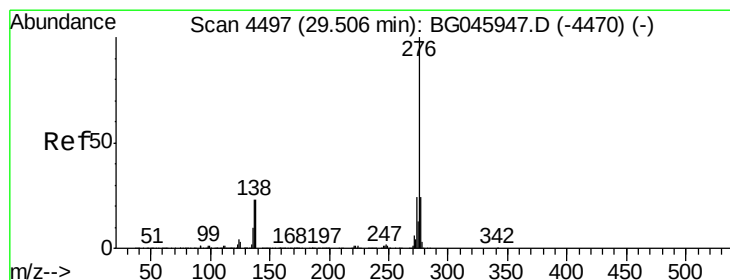
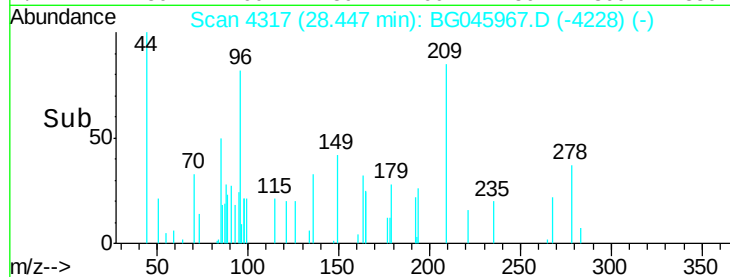
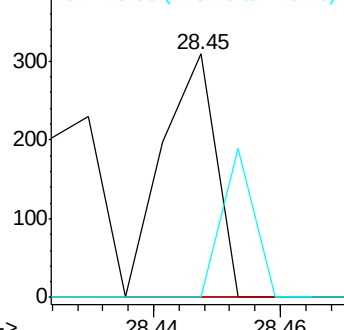


Abundance

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: 0.013 ng

RT: 29.47 min Scan# 4491

Delta R.T. -0.04 min

Lab File: BG045967.D

Acq: 7 Jul 2020 20:01

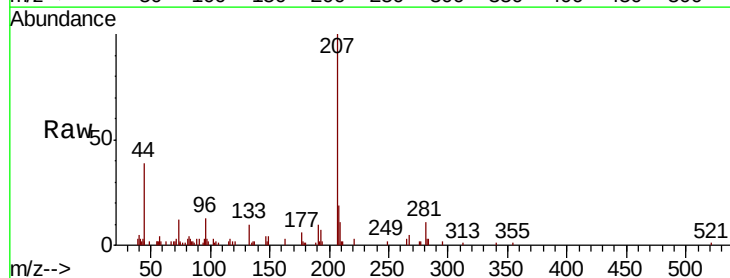
Tgt Ion:276 Resp: 528

Ion Ratio Lower Upper

276 100

277 67.5 19.4 29.0#

138 0.0 18.6 28.0#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

