

Data File : BG026764.D  
Acq On : 30 Apr 2017 9:10  
Operator : SJ/MA  
Sample : DFTPP53  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP53

Quant Time: May 01 04:11:25 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Apr 29 01:26:17 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 82       | 20.00 | ng/ul | 0.19     |
| 18) Naphthalene-d8        | 10.94 | 136  | 85       | 20.00 | ng/ul | 0.13     |
| 35) Acenaphthene-d10      | 14.51 | 164  | 62       | 20.00 | ng/ul | -0.11    |
| 61) Phenanthrene-d10      | 0.00  | 188  | 0        | 0.00  | ng/ul | -17.35   |
| 75) Chrysene-d12          | 21.61 | 240  | 146      | 20.00 | ng/ul | 0.01     |
| 83) Perylene-d12          | 24.81 | 264  | 62       | 20.00 | ng/ul | 0.04     |

|                                |       |     |     |        |       |      |
|--------------------------------|-------|-----|-----|--------|-------|------|
| System Monitoring Compounds    |       |     |     |        |       |      |
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 148 | 81.28  | ng/uL | 0.08 |
| 5) Phenol-d5                   | 7.55  | 99  | 66  | 9.02   | ng/ul | 0.37 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.50  | 67  | 116 | 26.95  | ng/ul | 0.17 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0   | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 0.00  | 113 | 0   | 0.00   | ng/ul |      |
| 19) Nitrobenzene-d5            | 9.16  | 128 | 223 | 313.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.02 | 143 | 55  | 71.17  | ng/ul | 0.13 |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0   | 0.00   | ng/ul |      |
| 29) 4-Chloroaniline-d4         | 11.06 | 131 | 61  | 37.11  | ng/ul | 0.11 |
| 43) Dimethylphthalate-d6       | 0.00  | 166 | 0   | 0.00   | ng/ul |      |
| 46) Acenaphthylene-d8          | 14.33 | 160 | 70  | 11.17  | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4           | 14.91 | 143 | 58  | 64.48  | ng/ul | 0.07 |
| 57) Fluorene-d10               | 15.61 | 176 | 61  | 14.00  | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0   | 0.00   | ng/ul |      |
| 70) Anthracene-d10             | 0.00  | 188 | 0   | 0.00   | ng/ul |      |
| 76) Pyrene-d10                 | 19.73 | 212 | 131 | 17.00  | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.58 | 264 | 58  | 19.79  | ng/ul | 0.04 |

|                                |       |     |     |        |        |    |
|--------------------------------|-------|-----|-----|--------|--------|----|
| Target Compounds               |       |     |     | Qvalue |        |    |
| 2) 1,4-Dioxane                 | 3.52  | 88  | 280 | 134.77 | ng/uL# | 14 |
| 4) Benzaldehyde                | 7.32  | 77  | 54  | 15.27  | ng/ul# | 11 |
| 6) Phenol                      | 7.37  | 94  | 54  | 7.28   | ng/ul# | 30 |
| 8) Bis(2-Chloroethyl)ether     | 7.58  | 93  | 71  | 12.40  | ng/ul# | 12 |
| 10) 2-Chlorophenol             | 7.89  | 128 | 53  | 8.67   | ng/ul# | 23 |
| 11) 2-Methylphenol             | 8.38  | 108 | 56  | 9.54   | ng/ul# | 2  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.73  | 45  | 117 | 19.58  | ng/ul# | 71 |
| 14) Acetophenone               | 9.04  | 105 | 70  | 7.85   | ng/ul# | 48 |
| 15) N-Nitroso-di-n-propylamine | 9.02  | 70  | 57  | 12.95  | ng/ul# | 26 |
| 16) 4-Methylphenol             | 9.16  | 108 | 77  | 11.99  | ng/ul# | 1  |
| 17) Hexachloroethane           | 9.35  | 117 | 75  | 32.62  | ng/ul# | 1  |
| 20) Nitrobenzene               | 9.35  | 77  | 168 | 122.54 | ng/ul# | 47 |
| 21) Isophorone                 | 9.86  | 82  | 59  | 22.42  | ng/ul# | 1  |
| 24) 2,4-Dimethylphenol         | 10.03 | 107 | 54  | 36.46  | ng/ul# | 19 |
| 25) Bis(2-Chloroethoxy)methane | 10.30 | 93  | 59  | 32.82  | ng/ul# | 52 |
| 28) Naphthalene                | 11.07 | 128 | 77  | 17.40  | ng/ul# | 68 |
| 31) Hexachlorobutadiene        | 11.10 | 225 | 61  | 98.48  | ng/ul# | 23 |
| 33) 4-Chloro-3-methylphenol    | 12.31 | 107 | 55  | 41.42  | ng/ul# | 25 |
| 34) 2-Methylnaphthalene        | 12.53 | 142 | 76  | 23.15  | ng/ul# | 7  |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.78 | 216 | 66  | 40.37  | ng/ul# | 23 |
| 37) Hexachlorocyclopentadiene  | 12.65 | 237 | 82  | 113.86 | ng/ul# | 27 |
| 42) 2-Nitroaniline             | 13.62 | 65  | 97  | 86.65  | ng/ul# | 14 |
| 44) Dimethylphthalate          | 14.08 | 163 | 74  | 15.15  | ng/ul# | 75 |

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Quant Title : SVOA CALIBRATION  
QLast Update : Sat Apr 29 01:26:17 2017  
Response via : Initial Calibration

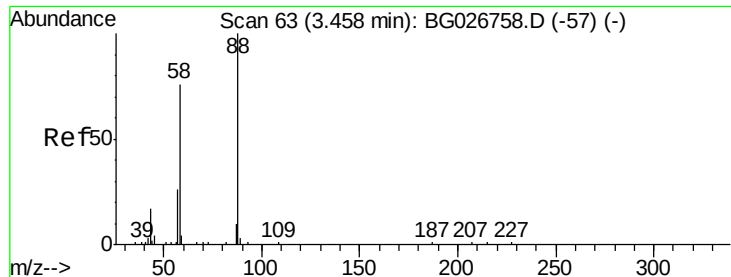
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 45) 2,6-Dinitrotoluene         | 14.14 | 165  | 63       | 61.10  | ng/ul# | 26       |
| 47) Acenaphthylene             | 14.29 | 152  | 69       | 10.81  | ng/ul# | 59       |
| 52) 4-Nitrophenol              | 14.72 | 109  | 61       | 115.63 | ng/ul# | 58       |
| 53) Dibenzofuran               | 15.01 | 168  | 58       | 9.81   | ng/ul# | 33       |
| 56) Diethylphthalate           | 15.43 | 149  | 1825     | 356.95 | ng/ul# | 79       |
| 58) Fluorene                   | 15.67 | 166  | 54       | 11.19  | ng/ul# | 8        |
| 59) 4-Chlorophenyl-phenylether | 15.78 | 204  | 104      | 49.44  | ng/ul# | 21       |
| 60) 4-Nitroaniline             | 15.72 | 138  | 60       | 50.17  | ng/ul# | 1        |
| 77) Pyrene                     | 19.83 | 202  | 60       | 6.13   | ng/ul# | 76       |
| 78) Butylbenzylphthalate       | 20.66 | 149  | 188      | 41.32  | ng/ul# | 66       |
| 79) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 329      | 117.21 | ng/ul# | 3        |
| 80) Benzo(a)anthracene         | 21.60 | 228  | 85       | 9.95   | ng/ul# | 51       |
| 81) Bis(2-ethylhexyl)phthalate | 21.48 | 149  | 2494     | 384.15 | ng/ul# | 86       |
| 82) Chrysene                   | 21.66 | 228  | 78       | 9.83   | ng/ul# | 49       |
| 84) Di-n-octyl phthalate       | 22.70 | 149  | 208      | 48.82  | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 23.82 | 252  | 410      | 115.73 | ng/ul# | 1        |
| 86) Benzo(k)fluoranthene       | 23.86 | 252  | 168      | 48.26  | ng/ul# | 1        |
| 88) Benzo(a)pyrene             | 24.65 | 252  | 283      | 81.16  | ng/ul# | 1        |
| 89) Indeno(1,2,3-cd)pyrene     | 28.40 | 276  | 149      | 36.05  | ng/ul# | 58       |
| 90) Dibenzo(a,h)anthracene     | 28.45 | 278  | 73       | 20.83  | ng/ul# | 1        |
| 91) Benzo(g,h,i)perylene       | 29.51 | 276  | 59       | 17.21  | ng/ul# | 1        |

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

ALS Vial : 1 Sample Multiplier: 1

Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 134.77 ng/uL

RT: 3.52 min Scan# 73

Delta R.T. 0.06 min

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BNA\_G

ClientSampleId :

DFTPP53

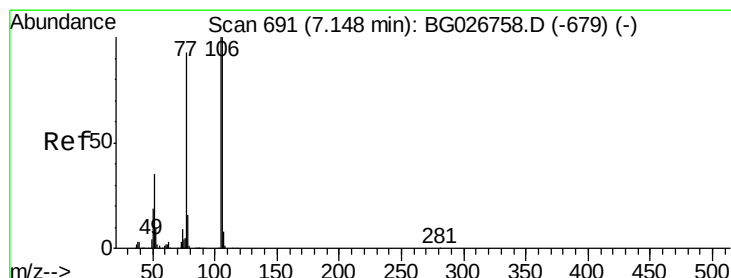
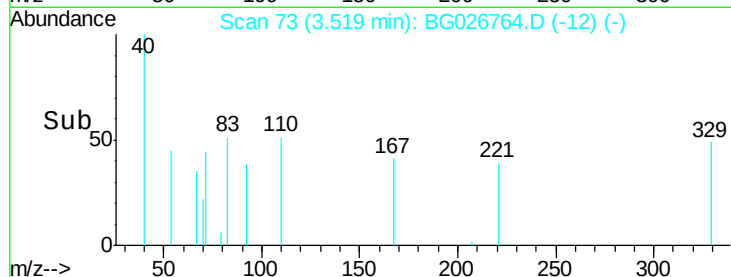
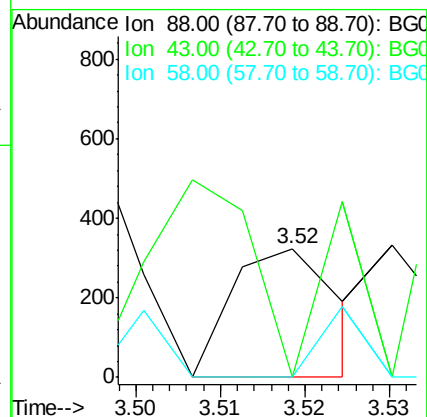
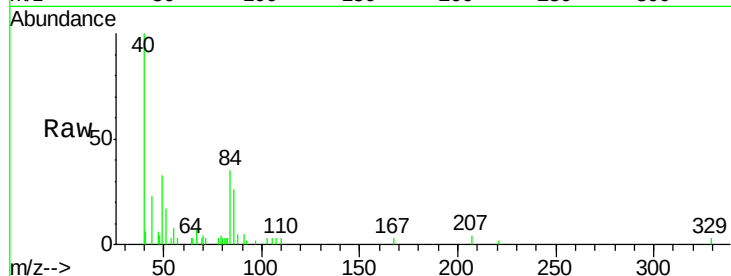
Tgt Ion: 88 Resp: 280

Ion Ratio Lower Upper

88 100

43 0.0 39.2 58.8#

58 0.0 69.4 104.0#



#4

Benzaldehyde

Concen: 15.27 ng/uL

RT: 7.32 min Scan# 720

Delta R.T. 0.17 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

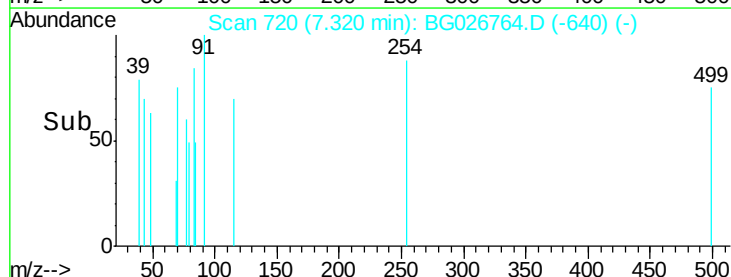
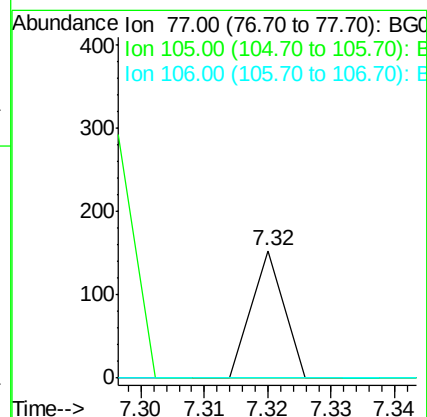
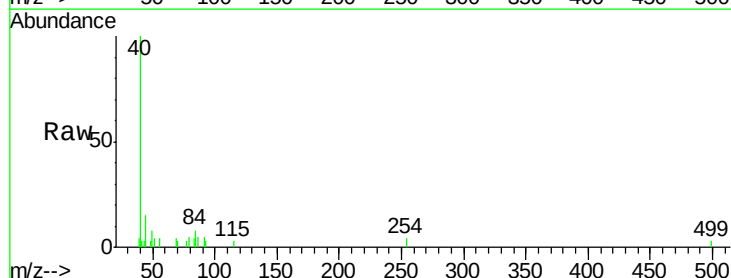
Tgt Ion: 77 Resp: 54

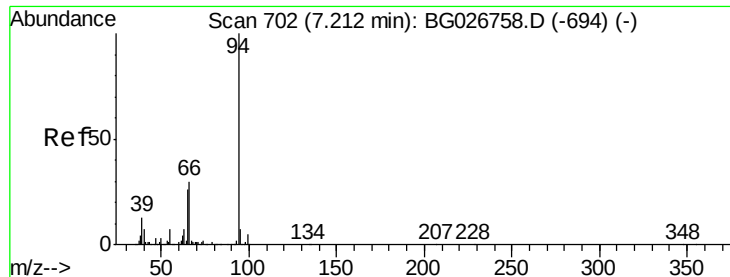
Ion Ratio Lower Upper

77 100

105 0.0 62.0 93.0#

106 0.0 60.2 90.4#





#6

Phenol

Concen: 7.28 ng/ul

RT: 7.37 min Scan# 729

Delta R.T. 0.16 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampled :

DFTPP53

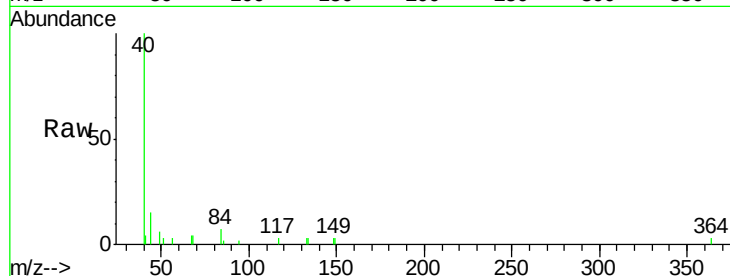
Tgt Ion: 94 Resp: 54

Ion Ratio Lower Upper

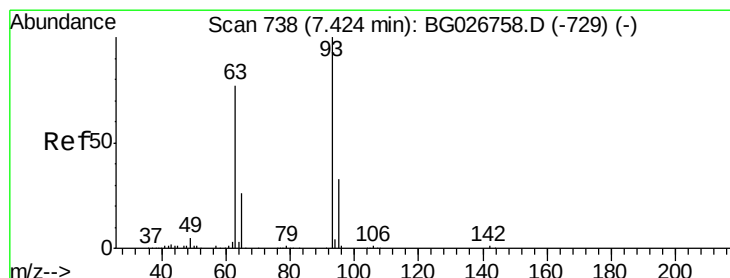
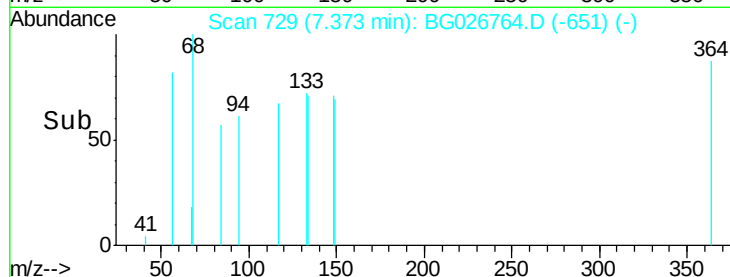
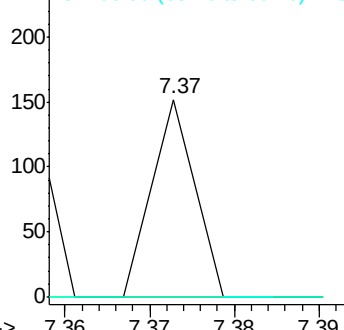
94 100

65 0.0 26.8 40.2#

66 0.0 44.4 66.6#



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



#8

Bis(2-Chloroethyl)ether

Concen: 12.40 ng/ul

RT: 7.58 min Scan# 765

Delta R.T. 0.16 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

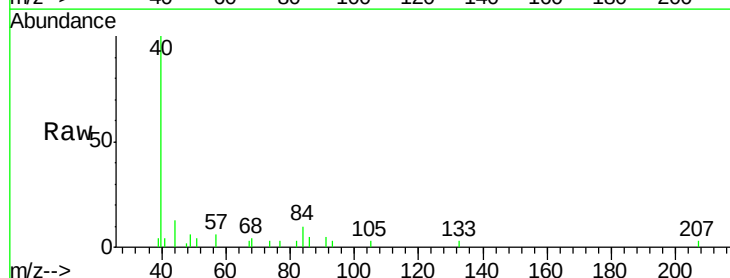
Tgt Ion: 93 Resp: 71

Ion Ratio Lower Upper

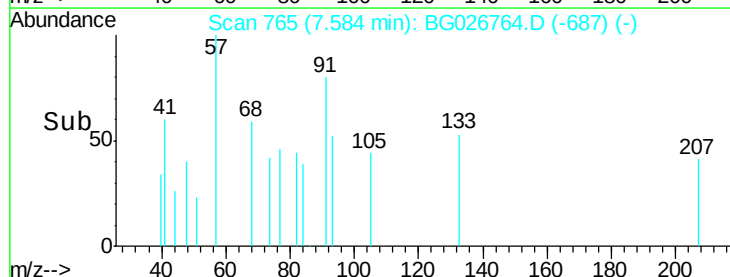
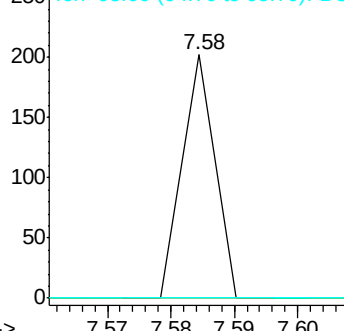
93 100

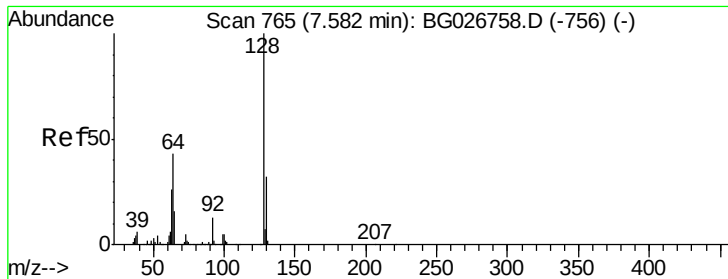
63 0.0 75.5 113.3#

95 0.0 29.2 43.8#



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

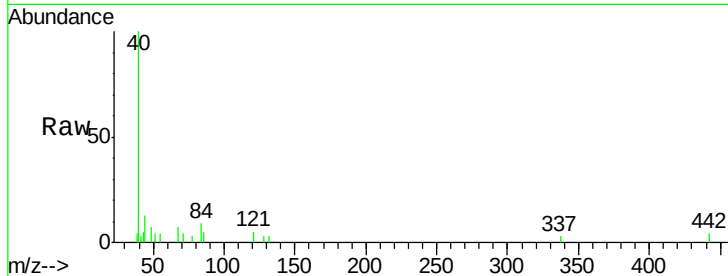




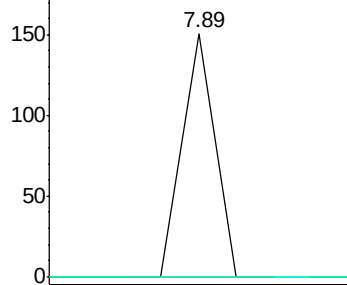
#10  
 2-Chlorophenol  
 Concen: 8.67 ng/ul  
 RT: 7.89 min Scan# 817  
 Delta R.T. 0.31 min  
 Lab File: BG026764.D  
 Acq: 30 Apr 2017 9:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP53

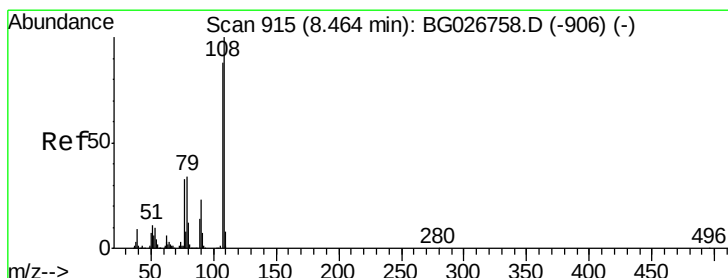
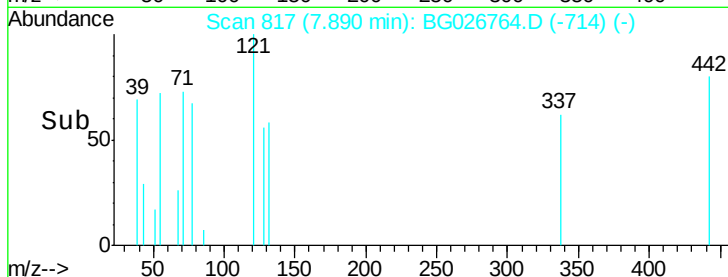
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 0.0   | 56.3  | 84.5# |
| 130     | 0.0   | 26.7  | 40.1# |



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

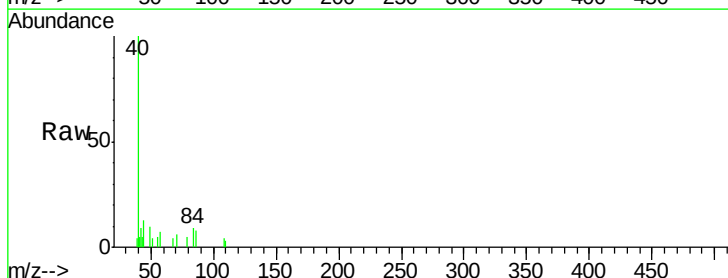


Time--> 7.87 7.88 7.89 7.90 7.91

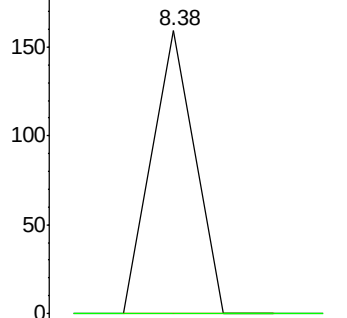


#11  
 2-Methylphenol  
 Concen: 9.54 ng/ul  
 RT: 8.38 min Scan# 900  
 Delta R.T. -0.09 min  
 Lab File: BG026764.D  
 Acq: 30 Apr 2017 9:10

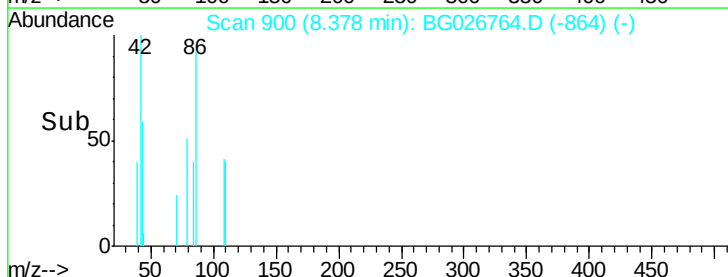
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 108     | 100   |       |        |
| 107     | 0.0   | 76.7  | 115.1# |

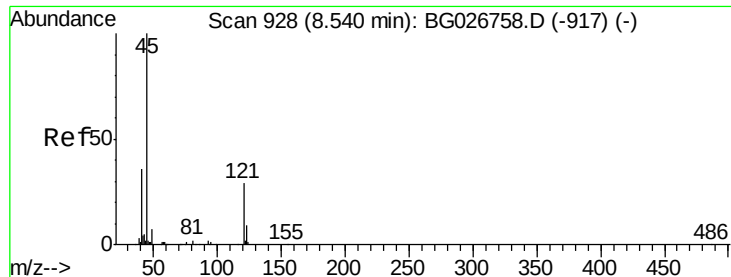


Abundance Ion 108.00 (107.70 to 108.70): E  
 Ion 107.00 (106.70 to 107.70): E



Time--> 8.37 8.38 8.39

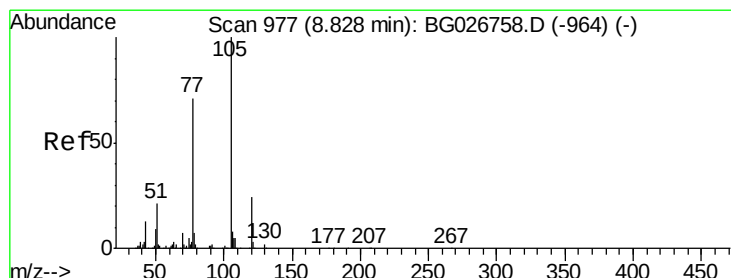
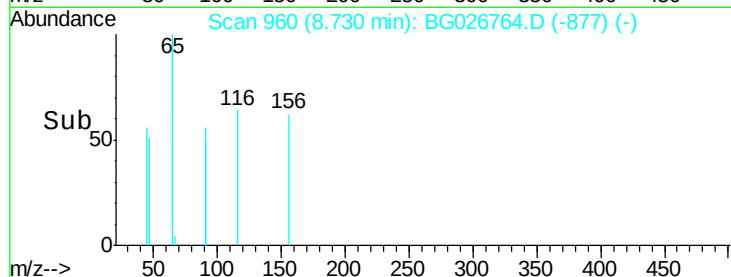
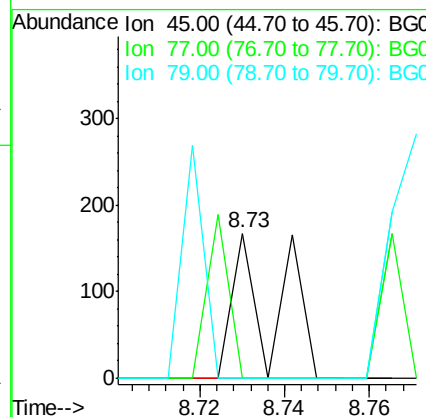
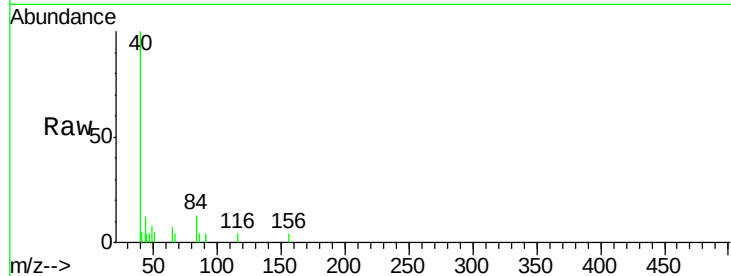




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 19.58 ng/ul  
RT: 8.73 min Scan# 960  
Delta R.T. 0.19 min  
Lab File: BG026764.D  
Acq: 30 Apr 2017 9:10

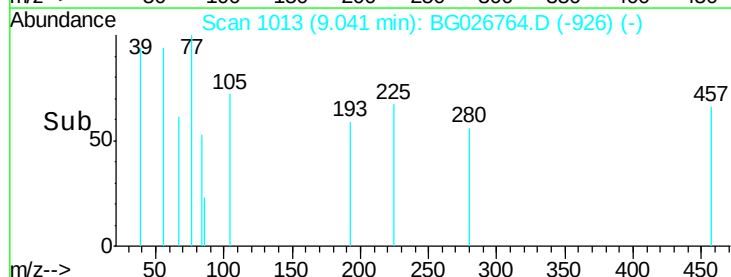
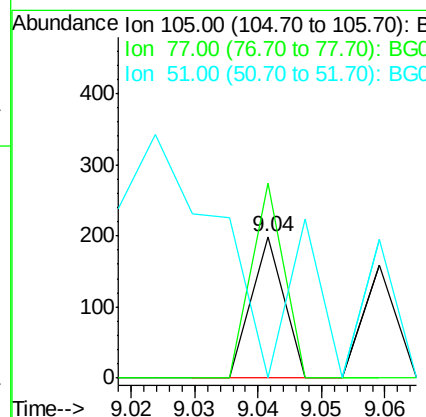
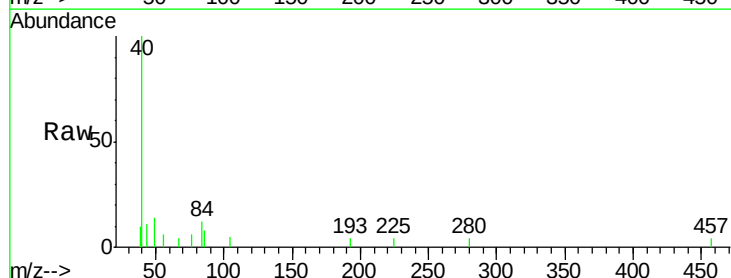
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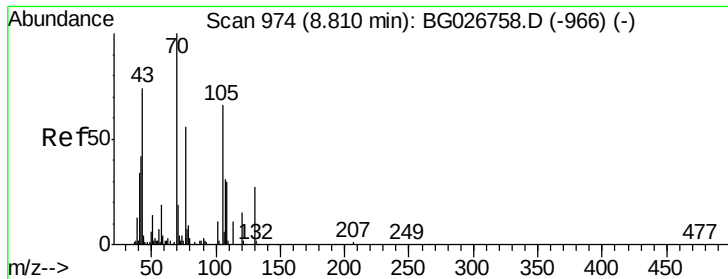
Tgt Ion: 45 Resp: 117  
Ion Ratio Lower Upper  
45 100  
77 0.0 10.0 15.0#  
79 0.0 7.3 10.9#



#14  
Acetophenone  
Concen: 7.85 ng/ul  
RT: 9.04 min Scan# 1013  
Delta R.T. 0.21 min  
Lab File: BG026764.D  
Acq: 30 Apr 2017 9:10

Tgt Ion: 105 Resp: 70  
Ion Ratio Lower Upper  
105 100  
77 138.2 76.0 114.0#  
51 0.0 34.8 52.2#





#15

N-Nitroso-di-n-propylamine

Concen: 12.95 ng/ul

RT: 9.02 min Scan# 1010

Delta R.T. 0.21 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

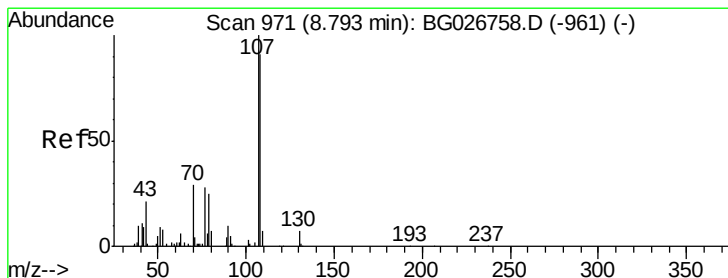
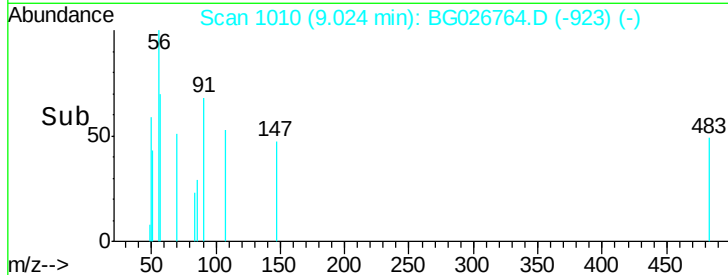
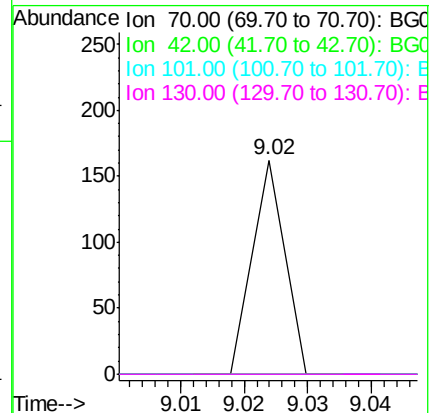
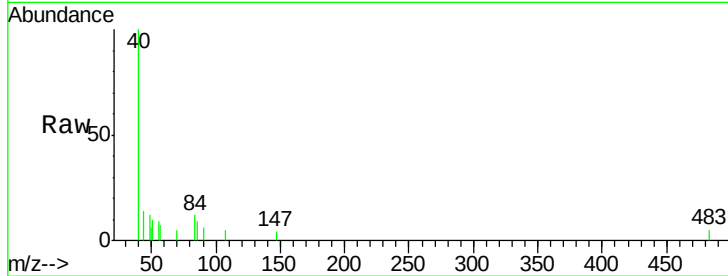
Instrument :

BNA\_G

ClientSampleId :

DFTPP53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 57    |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 0.0   | 59.0  | 88.6# |
| 101      | 0.0   | 6.6   | 9.8#  |
| 130      | 0.0   | 15.6  | 23.4# |



#16

4-Methylphenol

Concen: 11.99 ng/ul

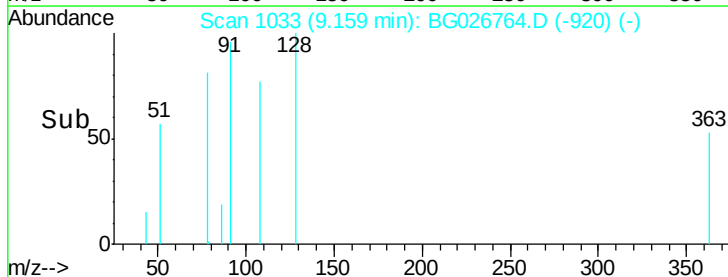
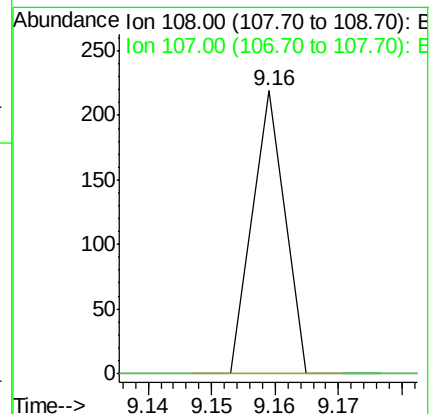
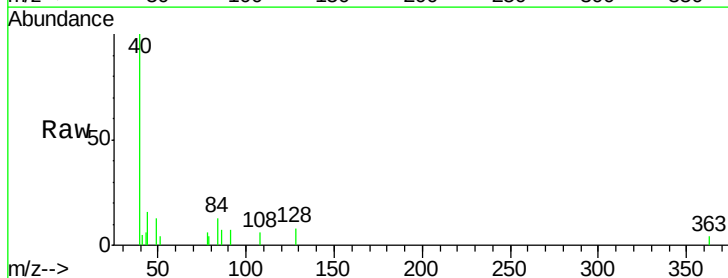
RT: 9.16 min Scan# 1033

Delta R.T. 0.37 min

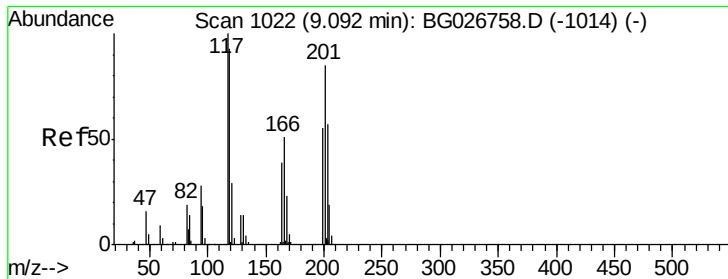
Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 108   | Resp: | 77     |
| Ion      | Ratio | Lower | Upper  |
| 108      | 100   |       |        |
| 107      | 0.0   | 91.7  | 137.5# |







#17

Hexachloroethane

Concen: 32.62 ng/ul

RT: 9.35 min Scan# 1066

Delta R.T. 0.26 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

DFTPP53

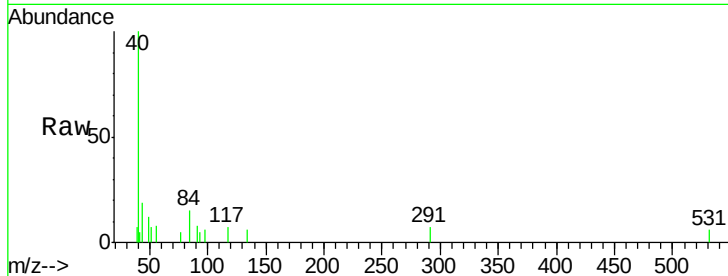
Tgt Ion: 117 Resp: 75

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

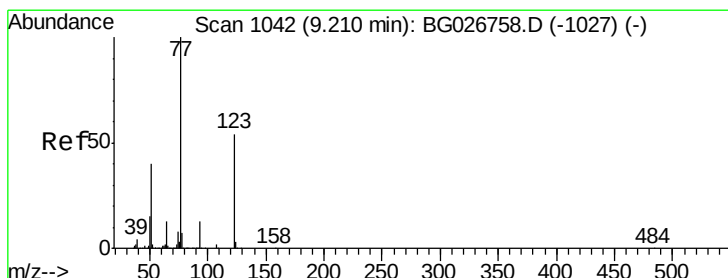
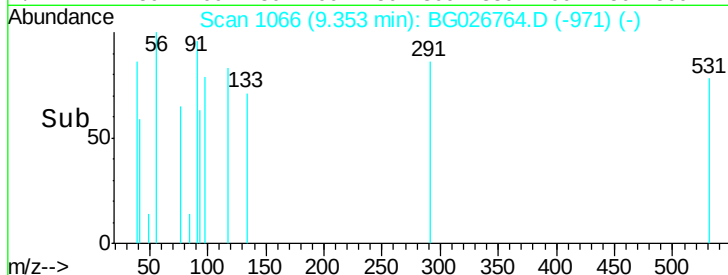
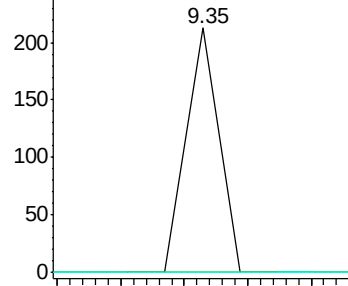
199 0.0 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 122.54 ng/ul

RT: 9.35 min Scan# 1066

Delta R.T. 0.14 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

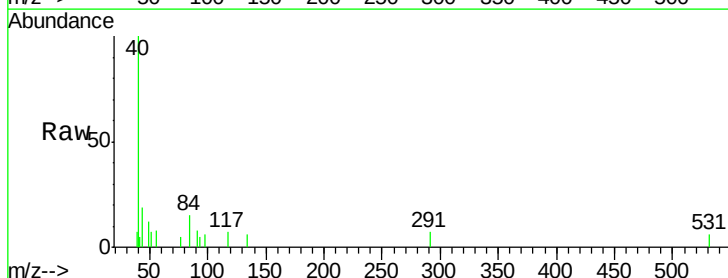
Tgt Ion: 77 Resp: 168

Ion Ratio Lower Upper

77 100

123 0.0 27.4 41.0#

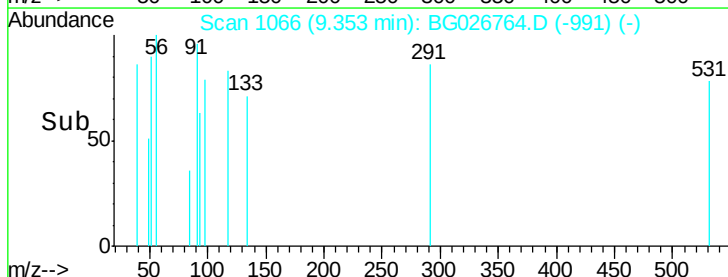
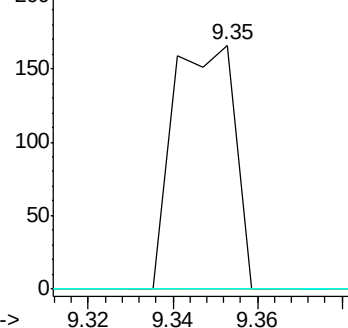
65 0.0 13.3 19.9#

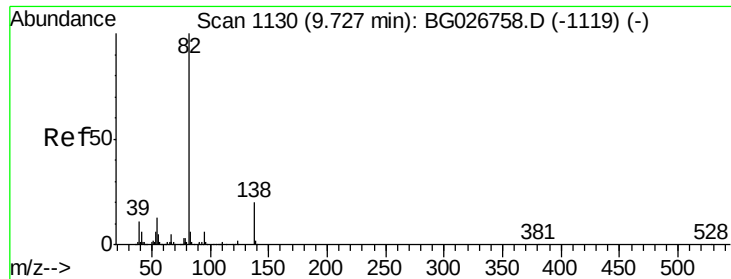


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 22.42 ng/ul

RT: 9.86 min Scan# 1152

Delta R.T. 0.13 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

DFTPP53

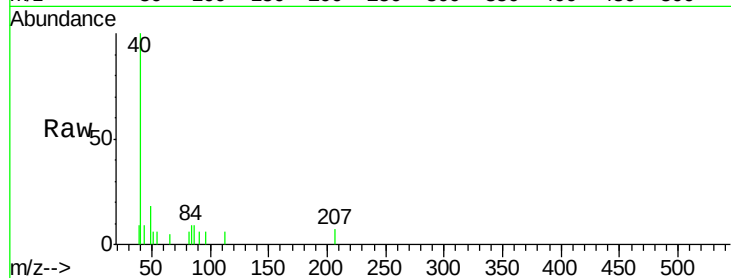
Tgt Ion: 82 Resp: 59

Ion Ratio Lower Upper

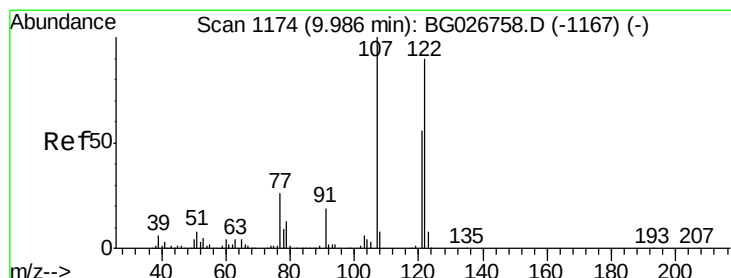
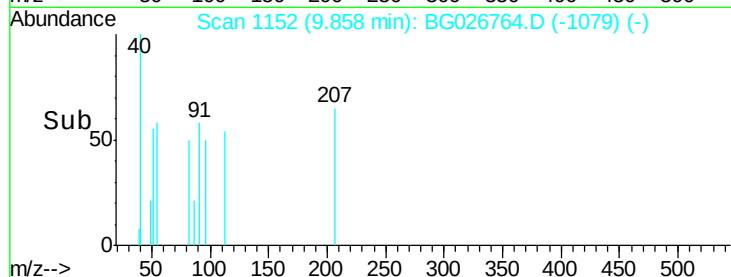
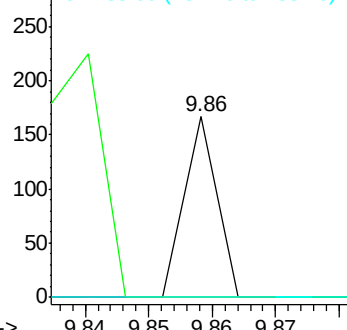
82 100

95 100.0 7.8 11.6#

138 0.0 12.2 18.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#24

2,4-Dimethylphenol

Concen: 36.46 ng/ul

RT: 10.03 min Scan# 1182

Delta R.T. 0.05 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

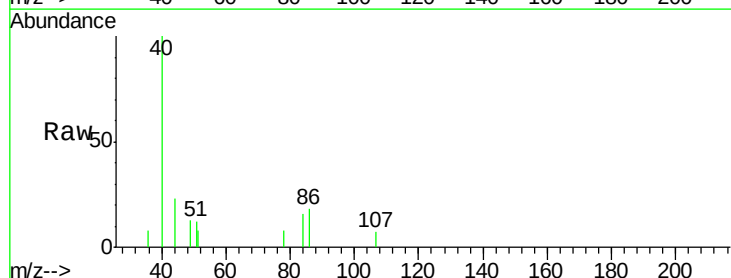
Tgt Ion: 107 Resp: 54

Ion Ratio Lower Upper

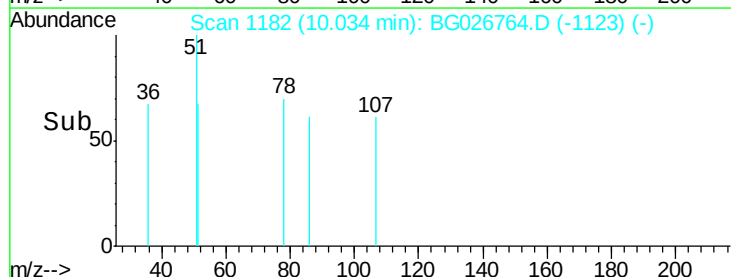
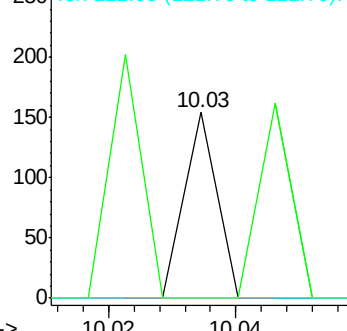
107 100

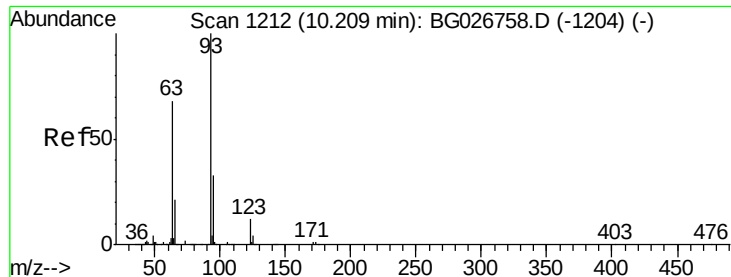
121 0.0 32.3 48.5#

122 0.0 61.2 91.8#



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





#25

Bis(2-Chloroethoxy)methane

Concen: 32.82 ng/ul

RT: 10.30 min Scan# 1227

Delta R.T. 0.09 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

DFTPP53

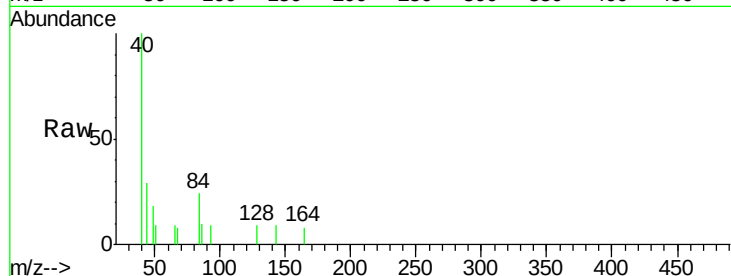
Tgt Ion: 93 Resp: 59

Ion Ratio Lower Upper

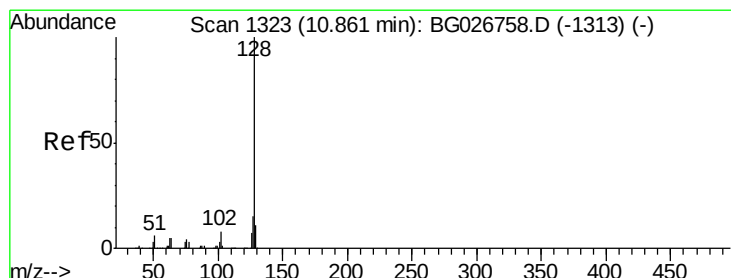
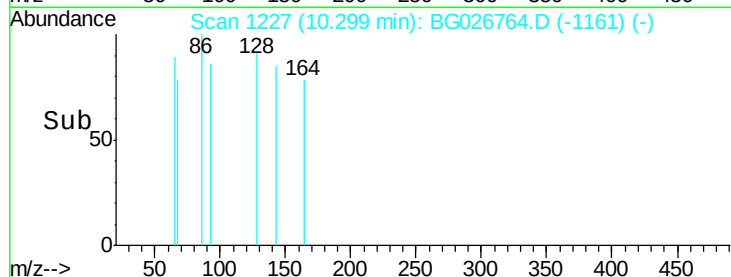
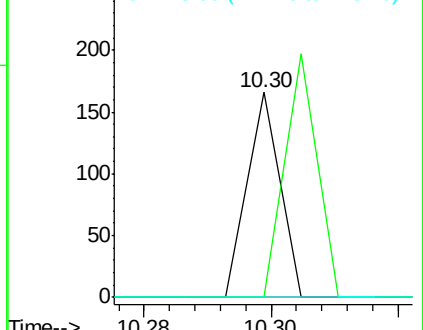
93 100

95 0.0 23.4 35.0#

123 0.0 7.8 11.6#



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): BGC



#28

Naphthalene

Concen: 17.40 ng/ul

RT: 11.07 min Scan# 1358

Delta R.T. 0.21 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

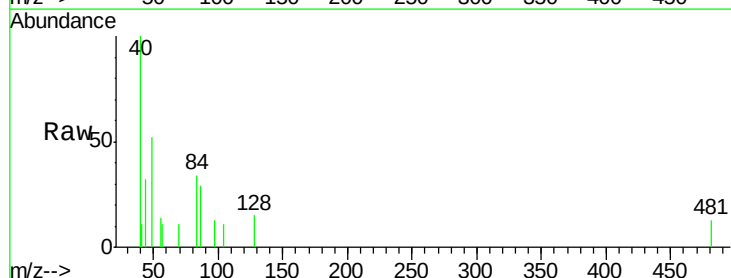
Tgt Ion: 128 Resp: 77

Ion Ratio Lower Upper

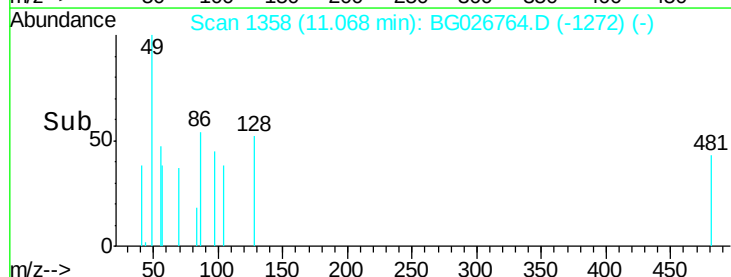
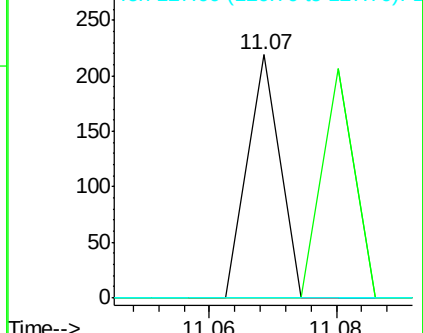
128 100

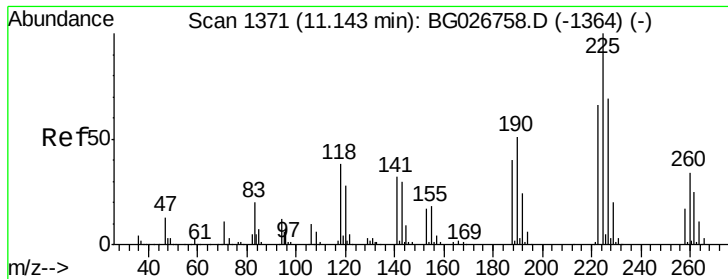
129 0.0 9.4 14.2#

127 0.0 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 129.00 (128.70 to 129.70): BGC  
Ion 127.00 (126.70 to 127.70): BGC





#31

Hexachlorobutadiene

Concen: 98.48 ng/ul

RT: 11.10 min Scan# 1363

Delta R.T. -0.05 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

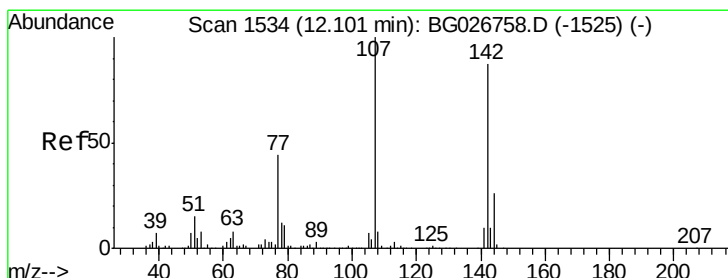
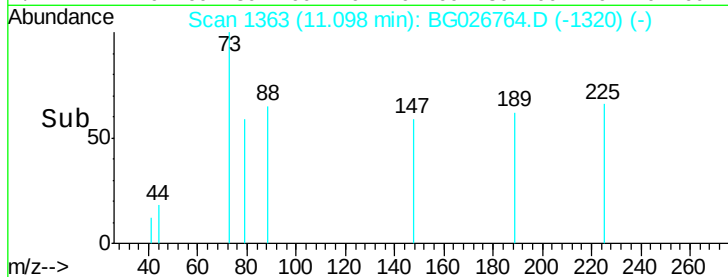
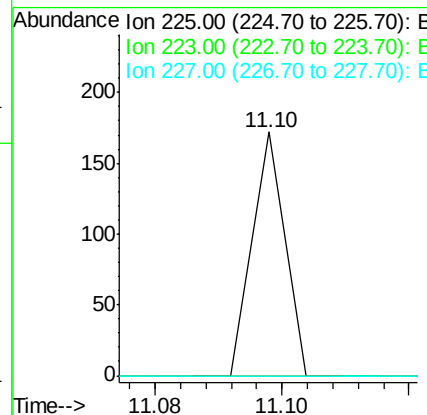
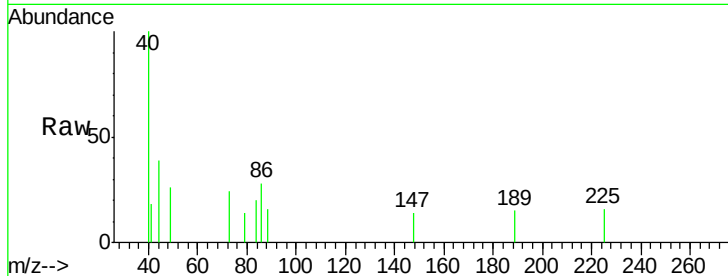
Instrument :

BNA\_G

ClientSampleId :

DFTPP53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 61    |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 45.9  | 68.9# |
| 227      | 0.0   | 44.7  | 67.1# |



#33

4-Chloro-3-methylphenol

Concen: 41.42 ng/ul

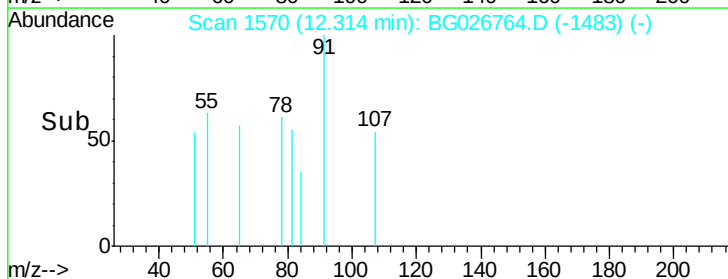
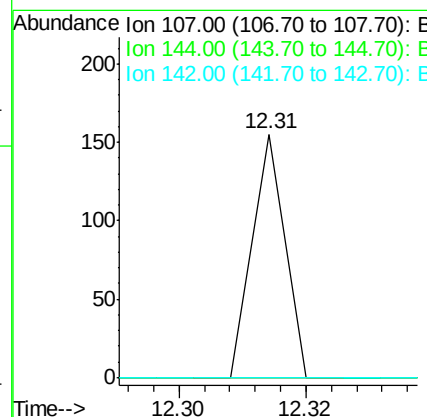
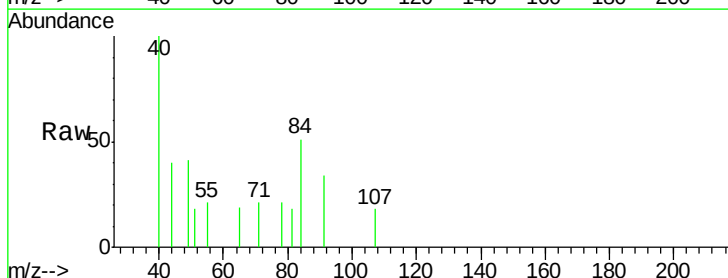
RT: 12.31 min Scan# 1570

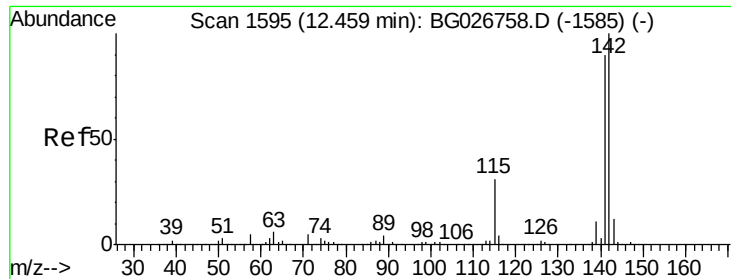
Delta R.T. 0.21 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 55    |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 0.0   | 18.2  | 27.4# |
| 142      | 0.0   | 55.0  | 82.4# |

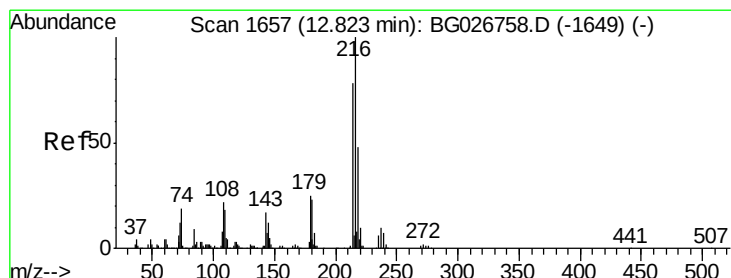
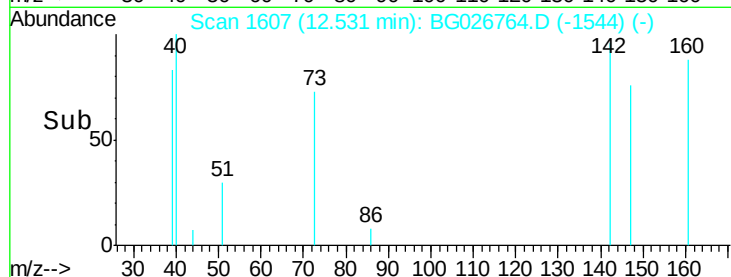
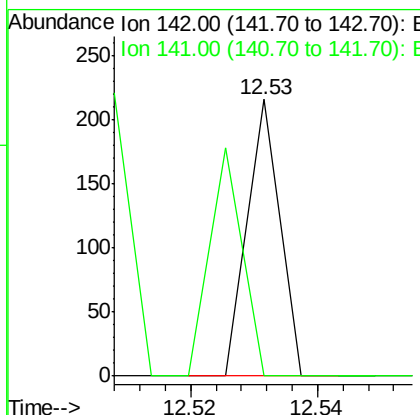
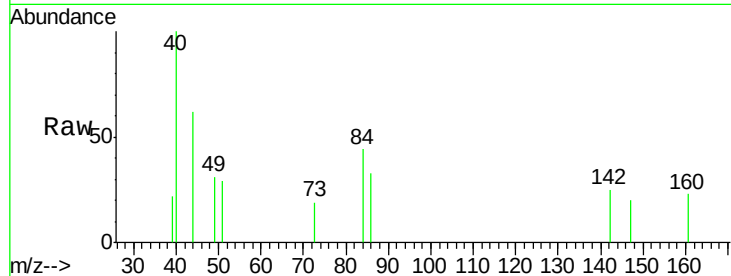




#34  
 2-Methylnaphthalene  
 Concen: 23.15 ng/ul  
 RT: 12.53 min Scan# 1607  
 Delta R.T. 0.07 min  
 Lab File: BG026764.D  
 Acq: 30 Apr 2017 9:10

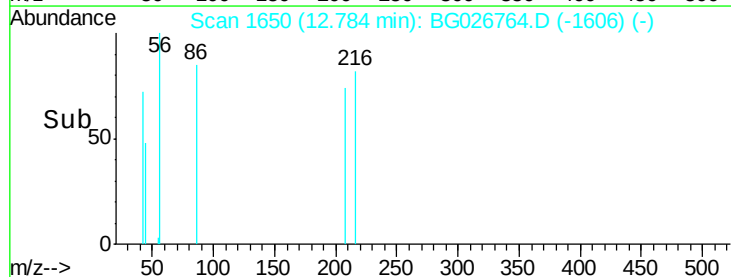
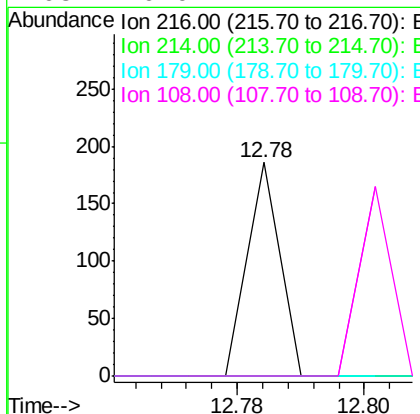
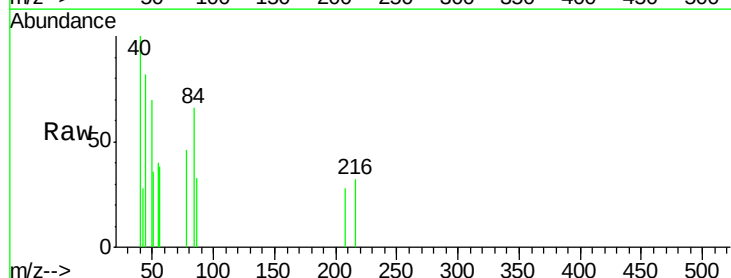
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP53

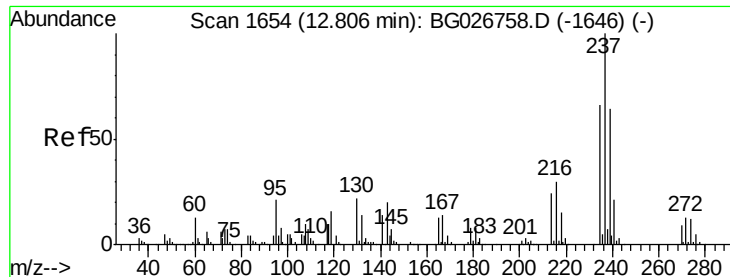
Tgt Ion:142 Resp: 76  
 Ion Ratio Lower Upper  
 142 100  
 141 0.0 68.6 102.8#



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.37 ng/ul  
 RT: 12.78 min Scan# 1650  
 Delta R.T. -0.04 min  
 Lab File: BG026764.D  
 Acq: 30 Apr 2017 9:10

Tgt Ion:216 Resp: 66  
 Ion Ratio Lower Upper  
 216 100  
 214 0.0 67.0 100.6#  
 179 0.0 18.1 27.1#  
 108 0.0 14.1 21.1#





#37

Hexachlorocyclopentadiene

Concen: 113.86 ng/ul

RT: 12.65 min Scan# 1627

Delta R.T. -0.16 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

DFTPP53

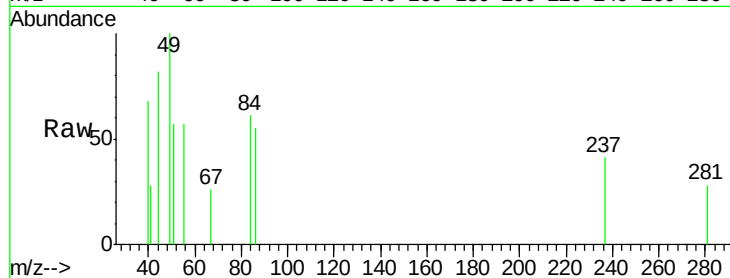
Tgt Ion: 237 Resp: 82

Ion Ratio Lower Upper

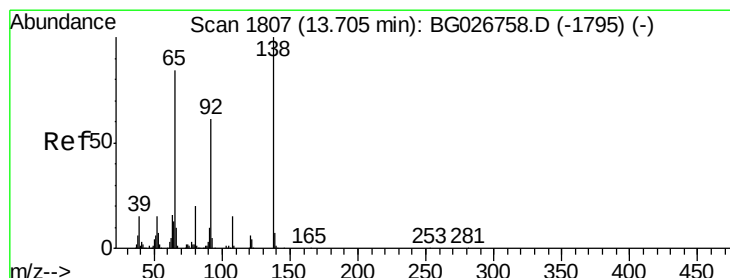
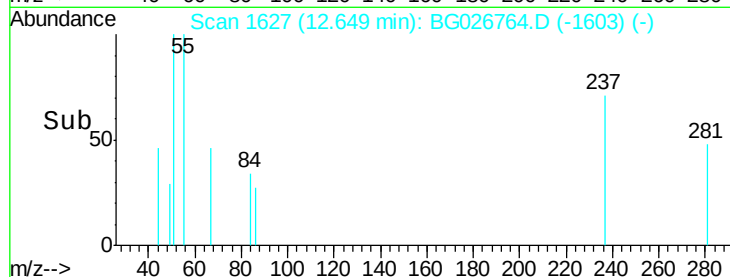
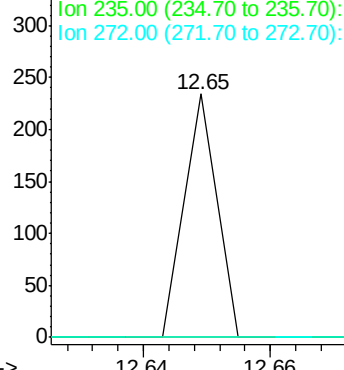
237 100

235 0.0 50.2 75.4#

272 0.0 10.6 16.0#



Abundance Ion 237.00 (236.70 to 237.70): E  
Ion 235.00 (234.70 to 235.70): E  
Ion 272.00 (271.70 to 272.70): E



#42

2-Nitroaniline

Concen: 86.65 ng/ul

RT: 13.62 min Scan# 1792

Delta R.T. -0.09 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

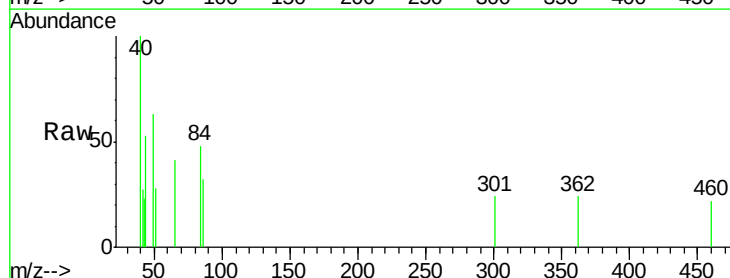
Tgt Ion: 65 Resp: 97

Ion Ratio Lower Upper

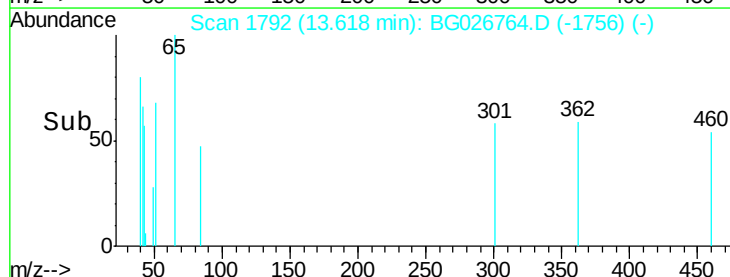
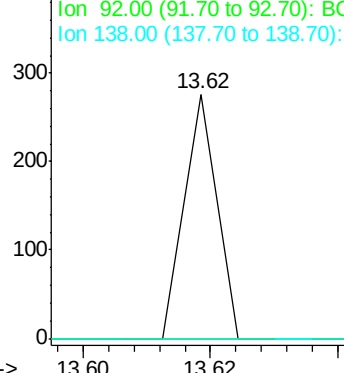
65 100

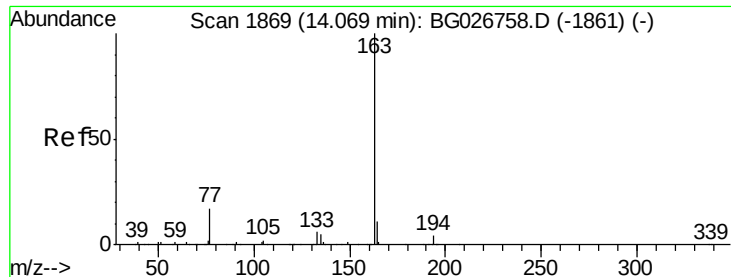
92 0.0 50.9 76.3#

138 0.0 61.8 92.6#



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





#44

Dimethylphthalate

Concen: 15.15 ng/ul

RT: 14.08 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

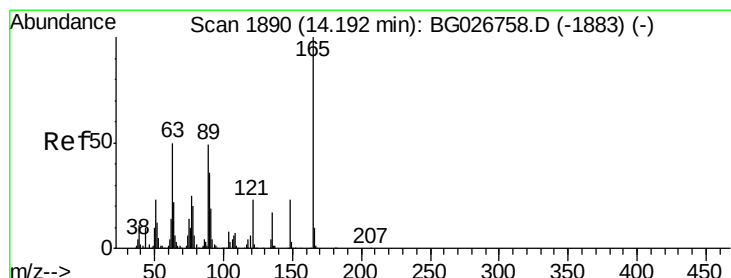
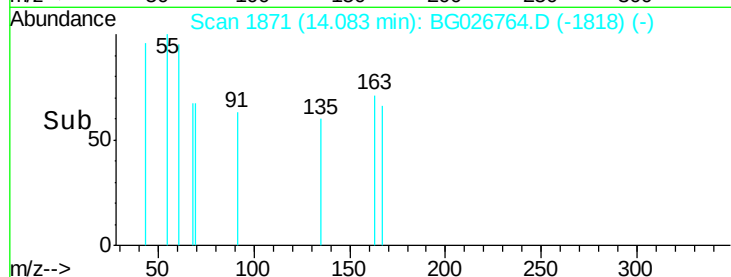
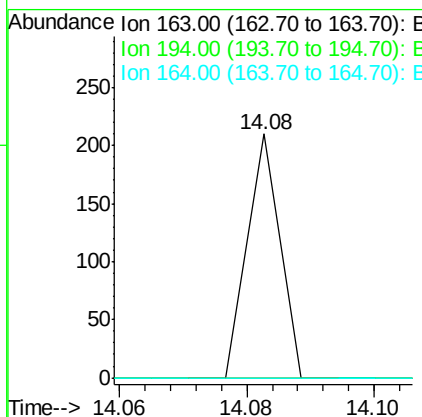
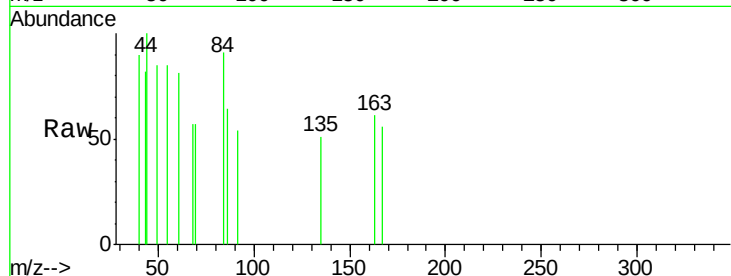
Instrument :

BNA\_G

ClientSampleId :

DFTPP53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 74    |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 0.0   | 3.4   | 5.0#  |
| 164      | 0.0   | 9.0   | 13.4# |



#45

2,6-Dinitrotoluene

Concen: 61.10 ng/ul

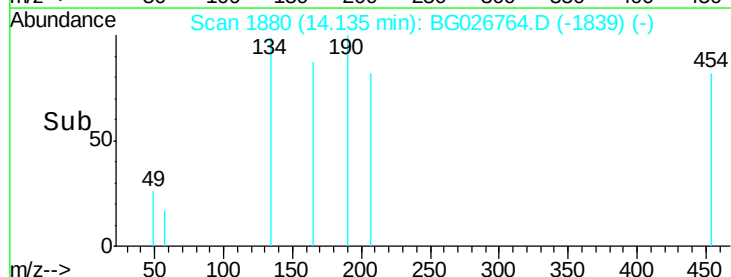
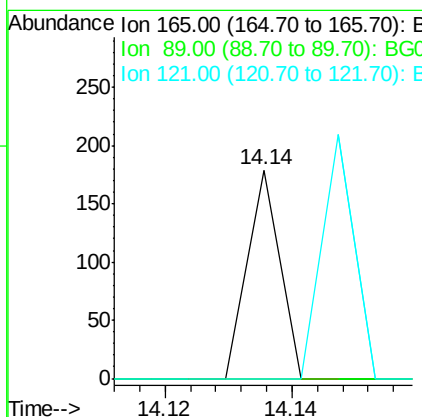
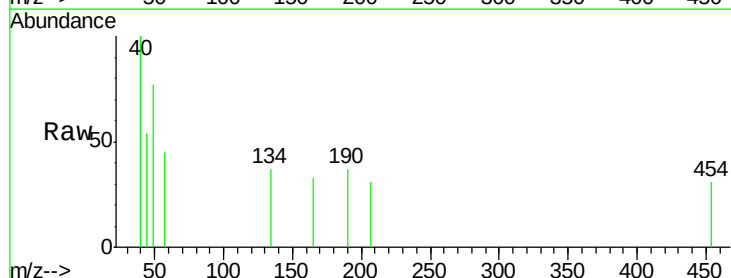
RT: 14.14 min Scan# 1880

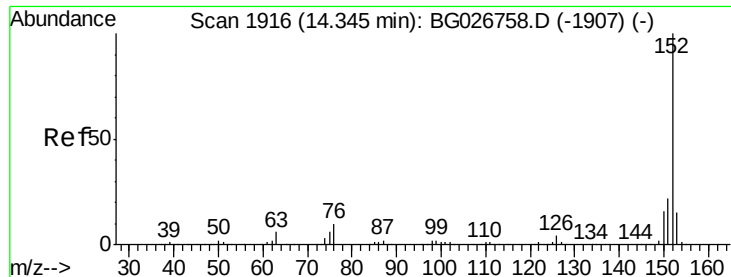
Delta R.T. -0.06 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 63    |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 89       | 0.0   | 52.9  | 79.3# |
| 121      | 0.0   | 22.2  | 33.4# |





#47

Acenaphthylene

Concen: 10.81 ng/ul

RT: 14.29 min Scan# 1906

Delta R.T. -0.06 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

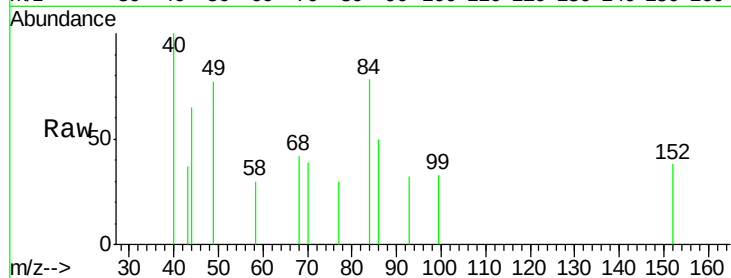
Instrument :

BNA\_G

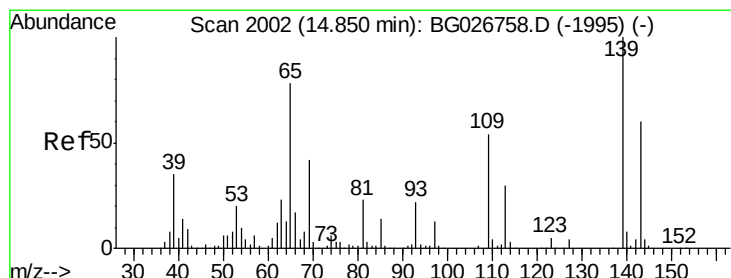
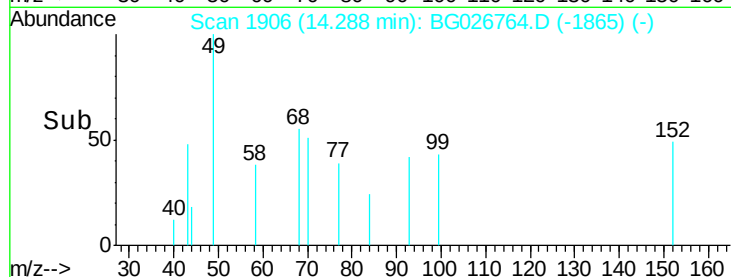
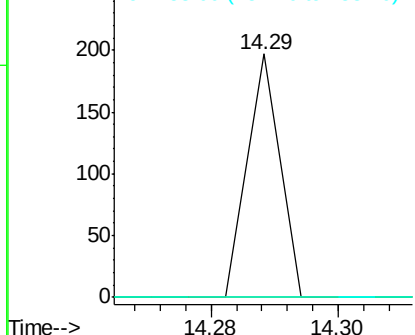
ClientSampleId :

DFTPP53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 69    |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 0.0   | 16.7  | 25.1# |
| 153      | 0.0   | 11.4  | 17.2# |



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

4-Nitrophenol

Concen: 115.63 ng/ul

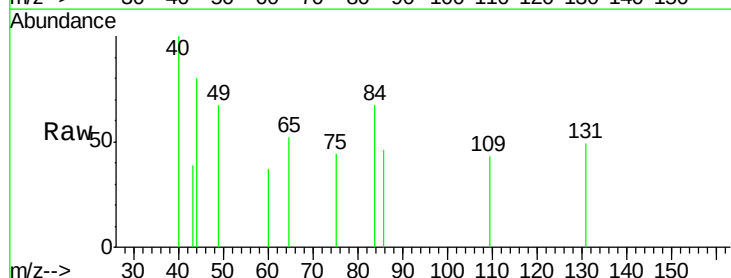
RT: 14.72 min Scan# 1980

Delta R.T. -0.13 min

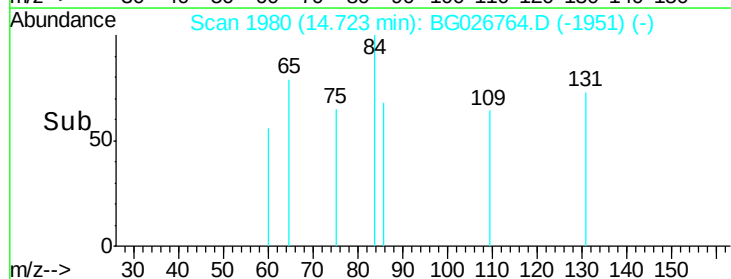
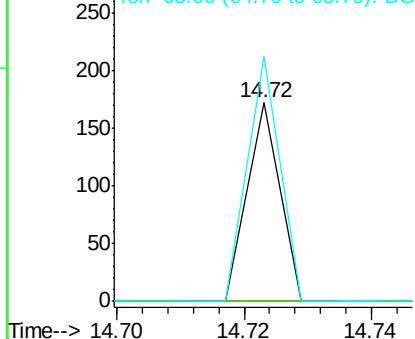
Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

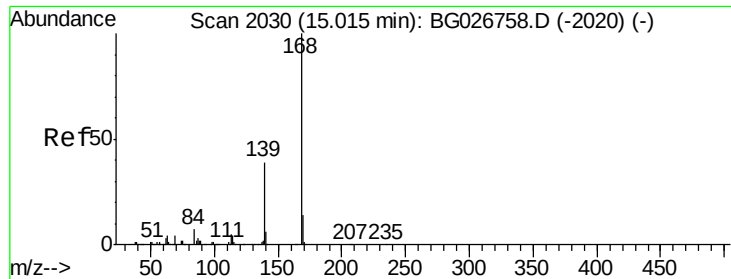
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 109   | Resp: | 61    |
| Ion      | Ratio | Lower | Upper |
| 109      | 100   |       |       |
| 139      | 0.0   | 62.6  | 93.8# |
| 65       | 123.3 | 90.4  | 135.6 |



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







#53

Dibenzofuran

Concen: 9.81 ng/ul

RT: 15.01 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

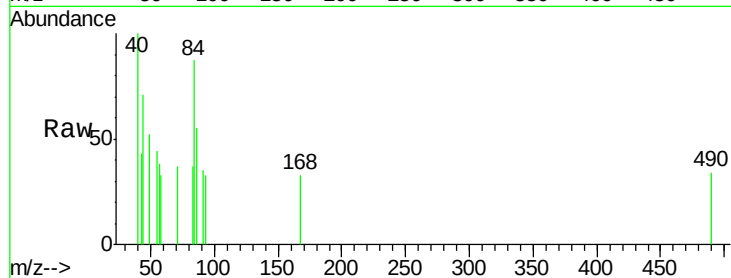
DFTPP53

Tgt Ion:168 Resp: 58

Ion Ratio Lower Upper

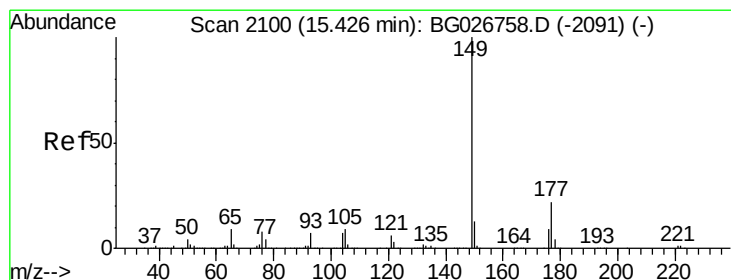
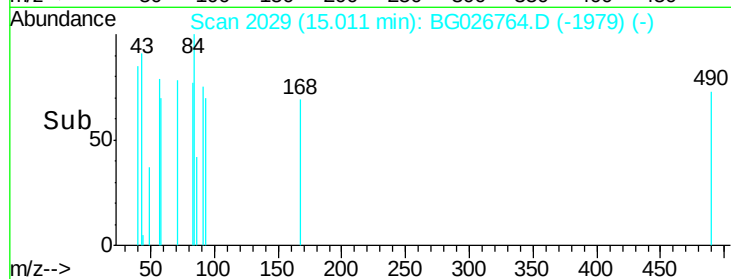
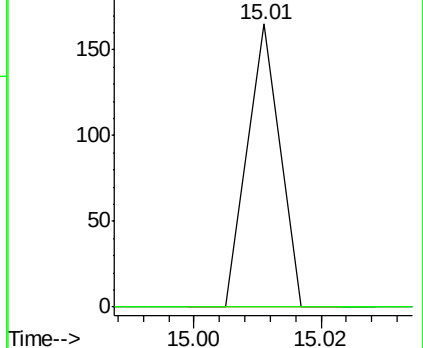
168 100

139 0.0 33.8 50.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#56

Diethylphthalate

Concen: 356.95 ng/ul

RT: 15.43 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

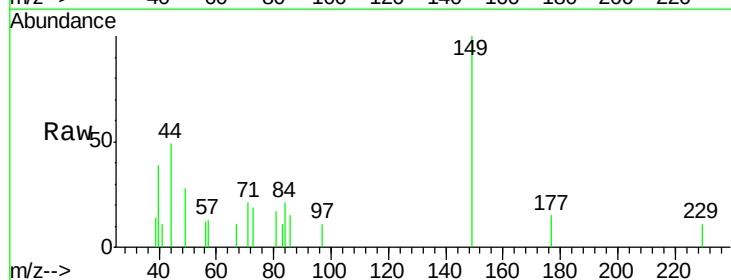
Tgt Ion:149 Resp: 1825

Ion Ratio Lower Upper

149 100

177 15.4 17.8 26.8#

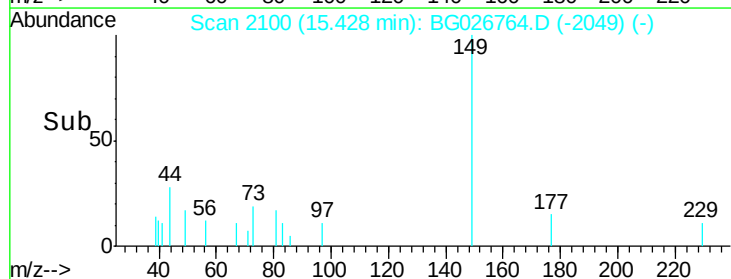
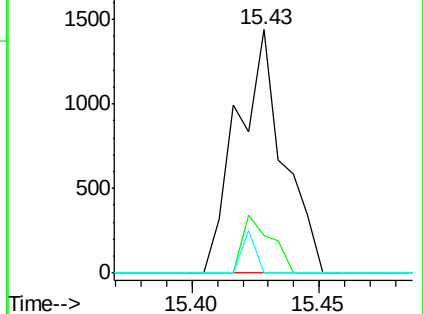
150 0.0 10.2 15.4#

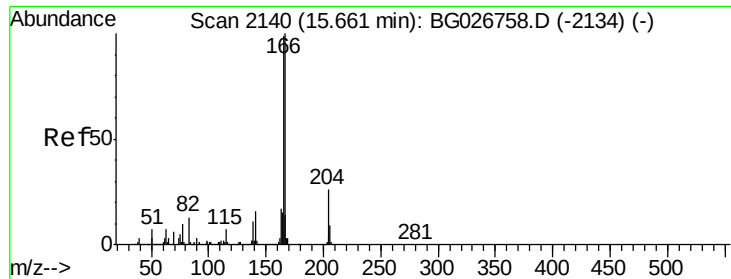


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 11.19 ng/ul

RT: 15.67 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

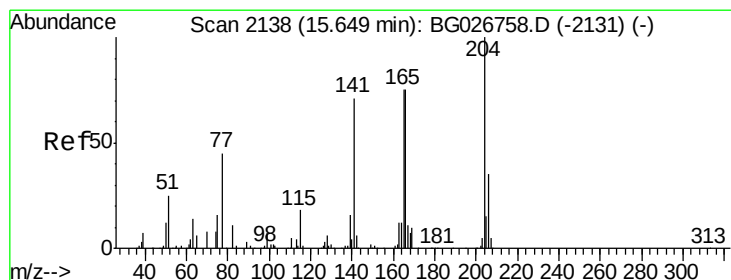
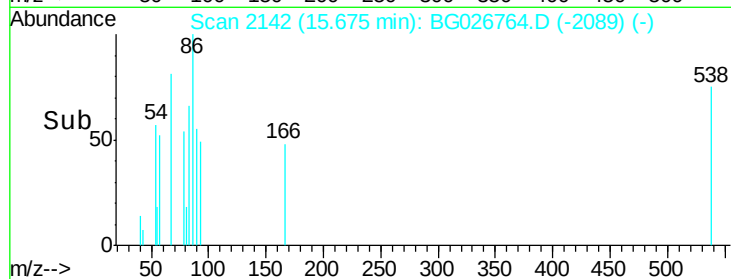
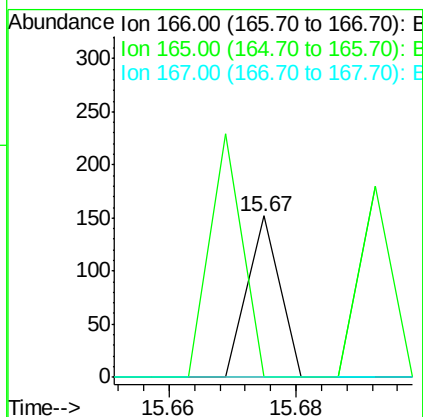
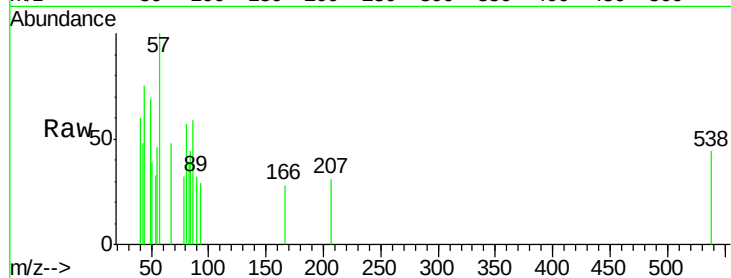
Instrument :

BNA\_G

ClientSampleId :

DFTPP53

| Tgt Ion | Resp | Lower | Upper  |
|---------|------|-------|--------|
| 166     | 100  |       |        |
| 165     | 0.0  | 79.7  | 119.5# |
| 167     | 0.0  | 11.4  | 17.2#  |



#59

4-Chlorophenyl-phenylether

Concen: 49.44 ng/ul

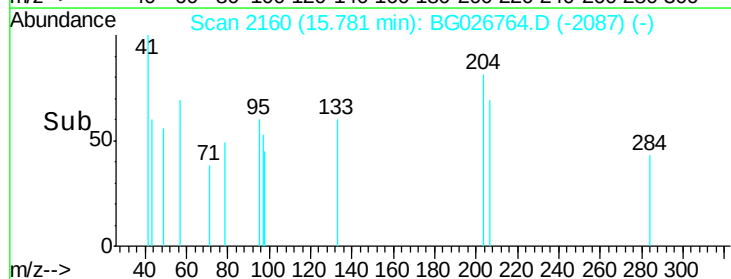
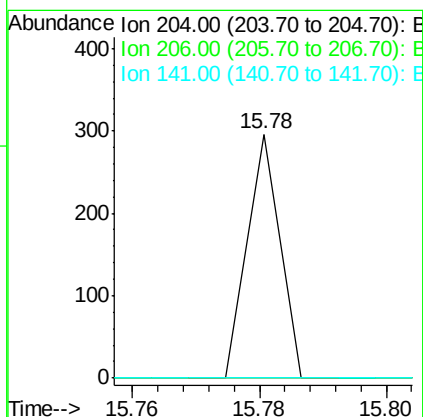
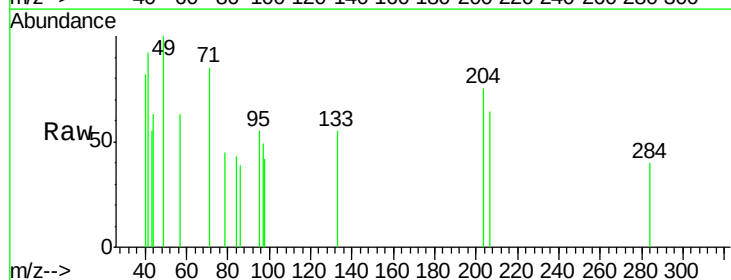
RT: 15.78 min Scan# 2160

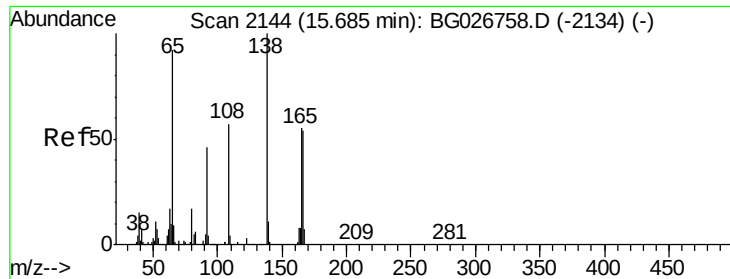
Delta R.T. 0.13 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 204     | 100  |       |       |
| 206     | 0.0  | 32.3  | 48.5# |
| 141     | 0.0  | 57.5  | 86.3# |

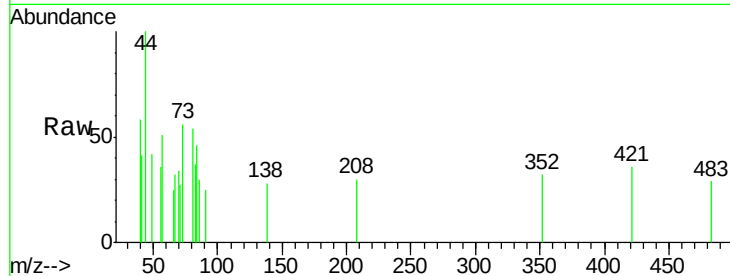




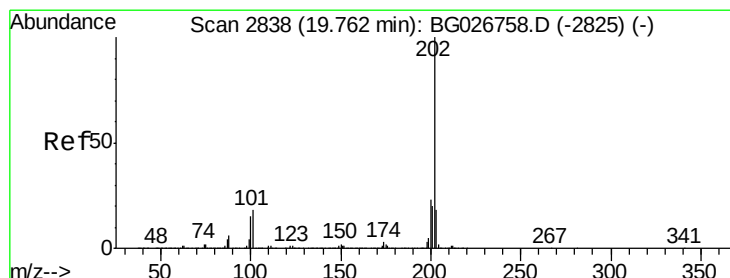
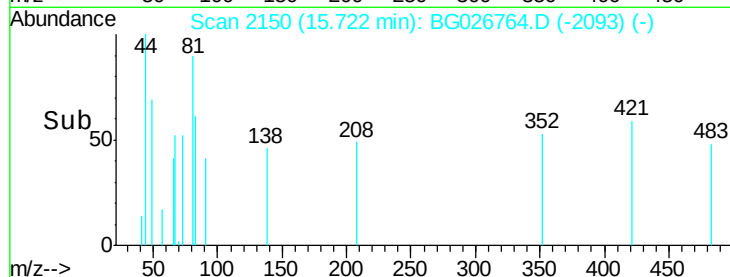
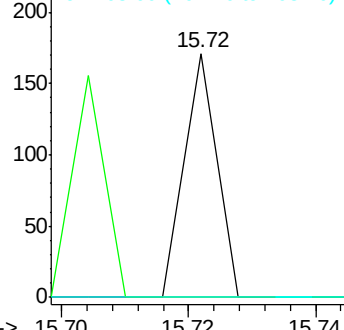
#60  
 4-Nitroaniline  
 Concen: 50.17 ng/ul  
 RT: 15.72 min Scan# 2150  
 Delta R.T. 0.04 min  
 Lab File: BG026764.D  
 Acq: 30 Apr 2017 9:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP53

Tgt Ion:138 Resp: 60  
 Ion Ratio Lower Upper  
 138 100  
 92 0.0 56.9 85.3#  
 108 0.0 104.9 157.3#

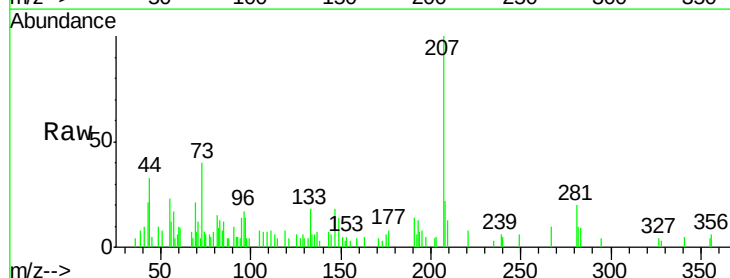


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BG  
 Ion 108.00 (107.70 to 108.70): E

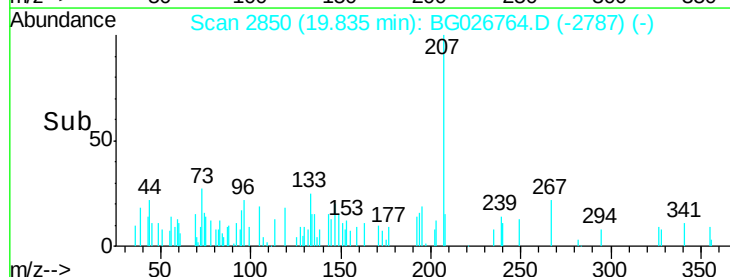
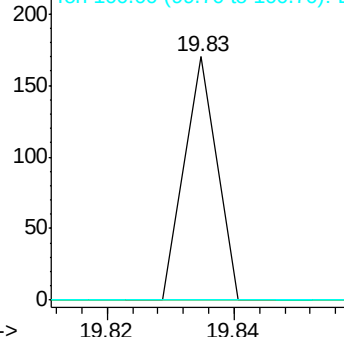


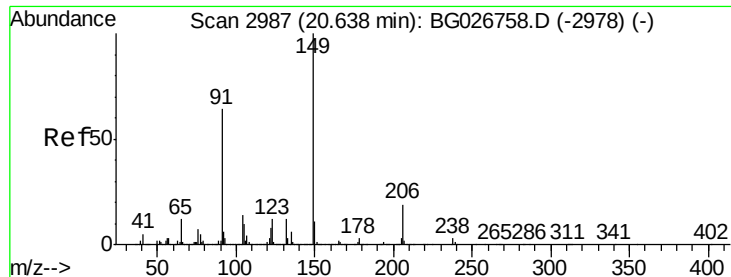
#77  
 Pyrene  
 Concen: 6.13 ng/ul  
 RT: 19.83 min Scan# 2850  
 Delta R.T. 0.07 min  
 Lab File: BG026764.D  
 Acq: 30 Apr 2017 9:10

Tgt Ion:202 Resp: 60  
 Ion Ratio Lower Upper  
 202 100  
 101 0.0 6.9 10.3#  
 100 0.0 6.6 10.0#



Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 100.00 (99.70 to 100.70): BG

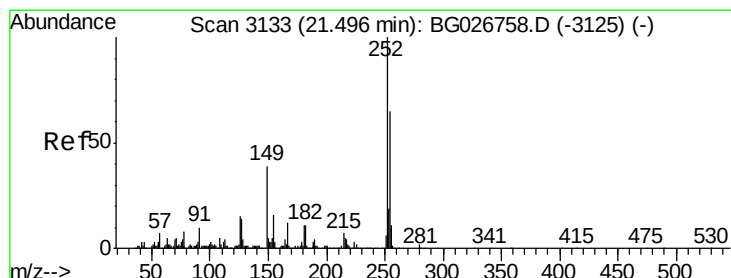
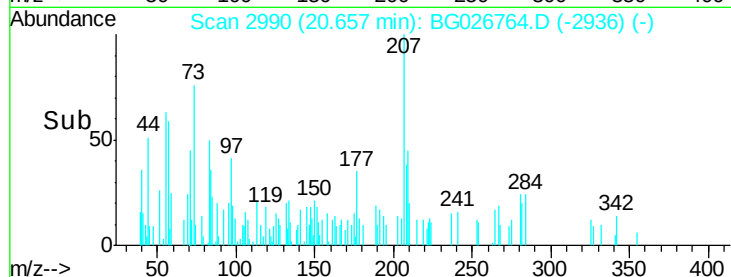
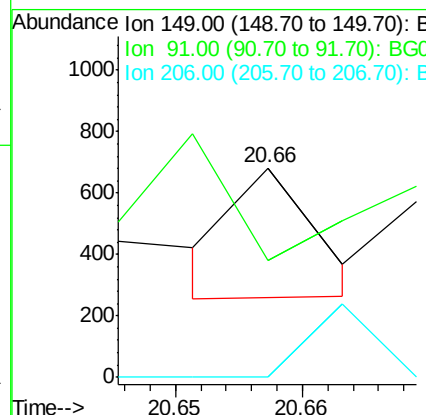
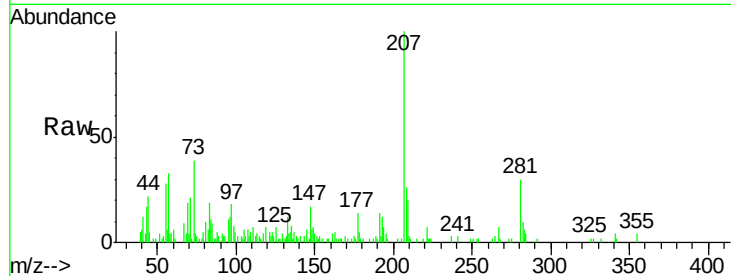




#78  
Butylbenzylphthalate  
Concen: 41.32 ng/ul  
RT: 20.66 min Scan# 2990  
Delta R.T. 0.02 min  
Lab File: BG026764.D  
Acq: 30 Apr 2017 9:10

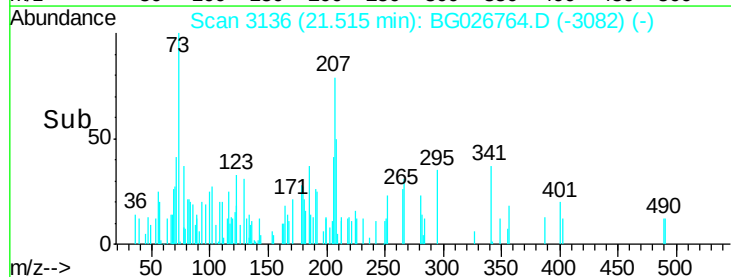
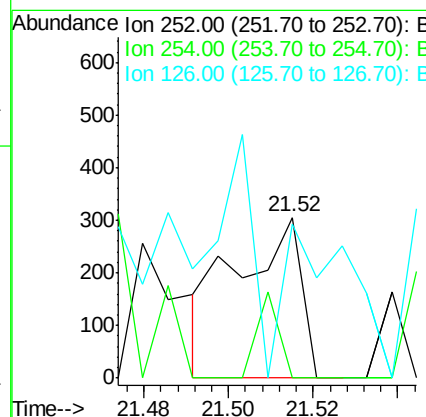
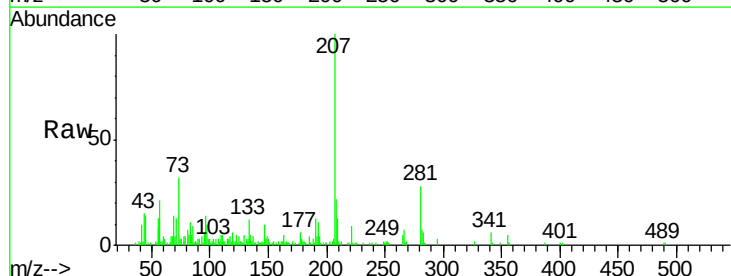
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP53

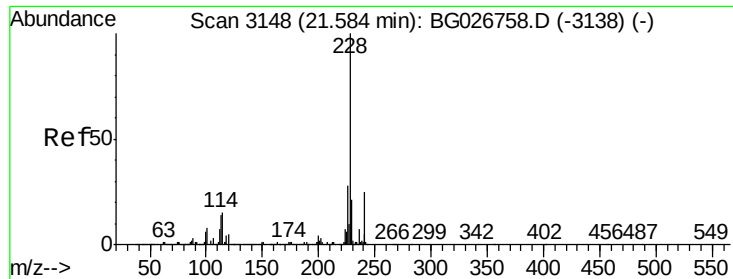
Tgt Ion:149 Resp: 188  
Ion Ratio Lower Upper  
149 100  
91 55.9 65.8 98.6#  
206 0.0 20.1 30.1#



#79  
3,3'-Dichlorobenzidine  
Concen: 117.21 ng/ul  
RT: 21.52 min Scan# 3136  
Delta R.T. 0.02 min  
Lab File: BG026764.D  
Acq: 30 Apr 2017 9:10

Tgt Ion:252 Resp: 329  
Ion Ratio Lower Upper  
252 100  
254 0.0 49.0 73.6#  
126 95.4 5.1 7.7#





#80

Benzo(a)anthracene

Concen: 9.95 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

DFTPP53

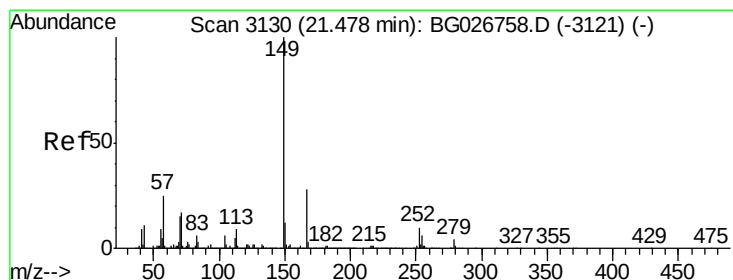
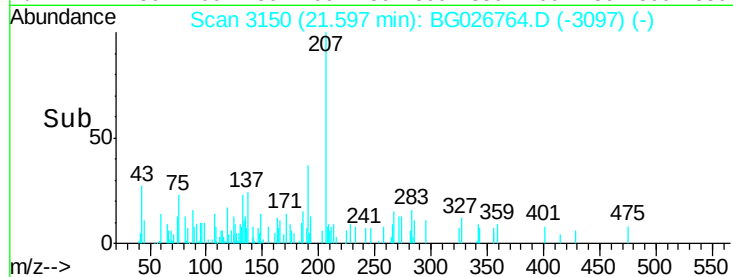
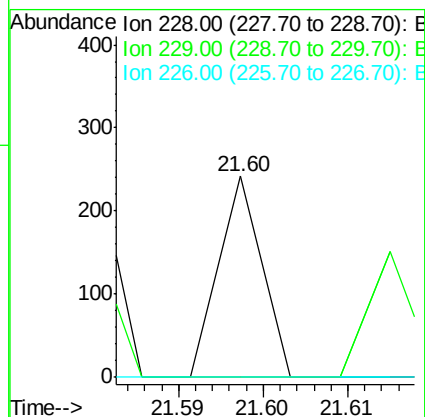
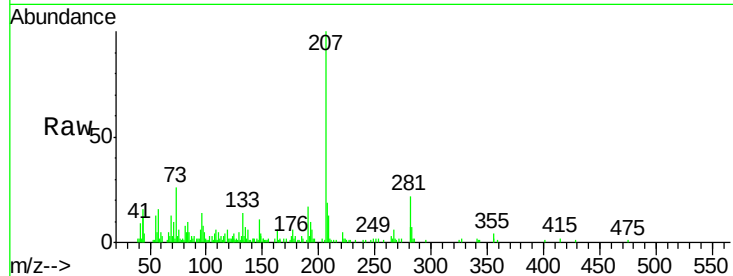
Tgt Ion:228 Resp: 85

Ion Ratio Lower Upper

228 100

229 0.0 16.3 24.5#

226 0.0 21.9 32.9#



#81

Bis(2-ethylhexyl)phthalate

Concen: 384.15 ng/ul

RT: 21.48 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

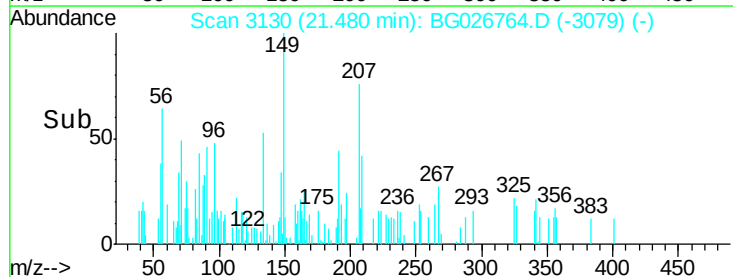
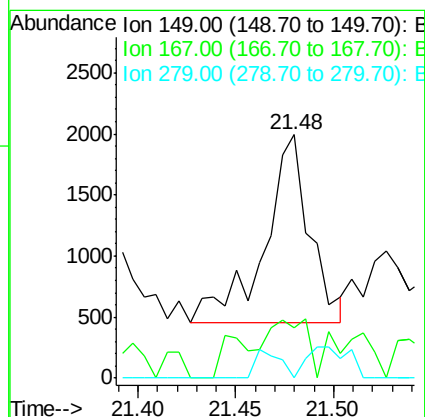
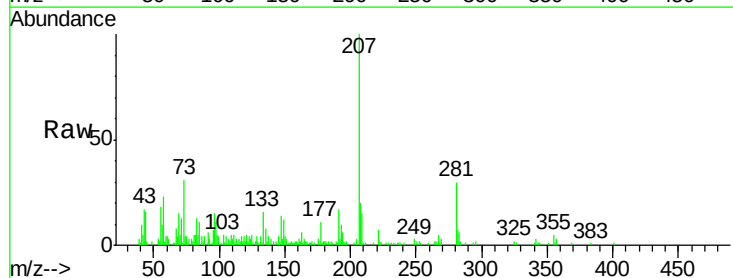
Tgt Ion:149 Resp: 2494

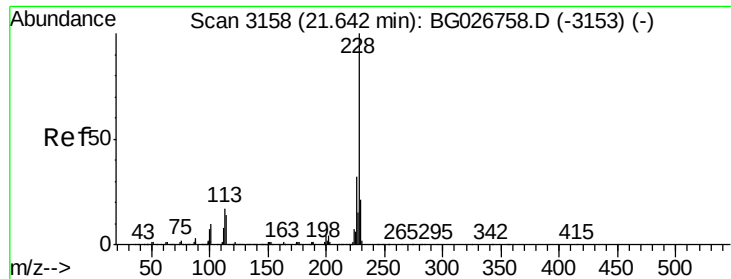
Ion Ratio Lower Upper

149 100

167 20.5 21.8 32.8#

279 0.0 4.5 6.7#





#82

Chrysene

Concen: 9.83 ng/ul

RT: 21.66 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

DFTPP53

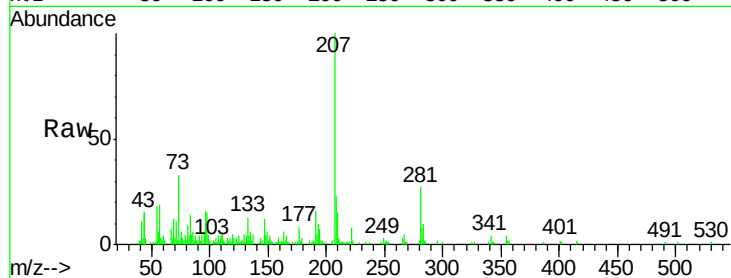
Tgt Ion:228 Resp: 78

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

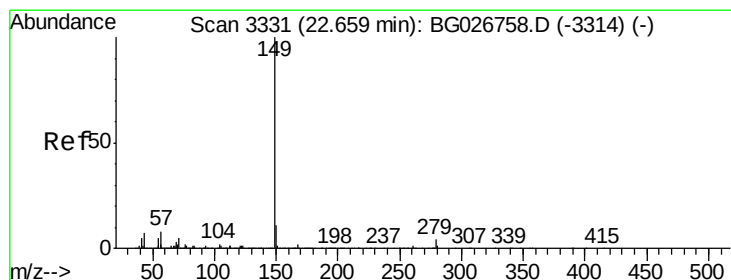
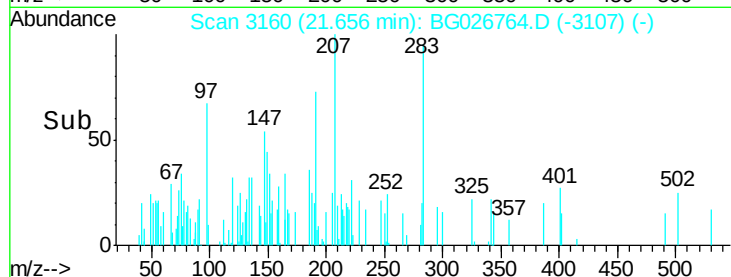
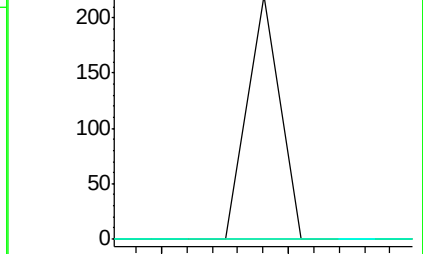
229 0.0 16.9 25.3#



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



#84

Di-n-octyl phthalate

Concen: 48.82 ng/ul

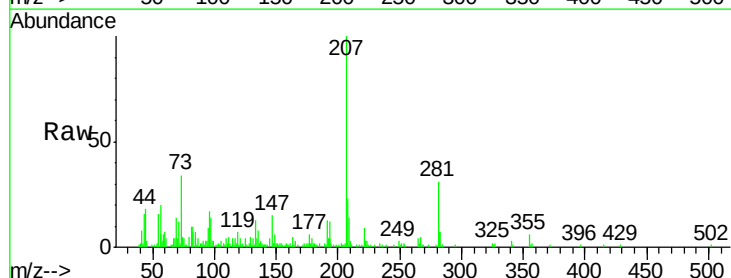
RT: 22.70 min Scan# 3337

Delta R.T. 0.04 min

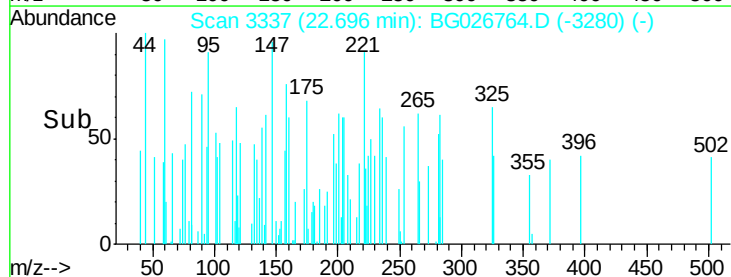
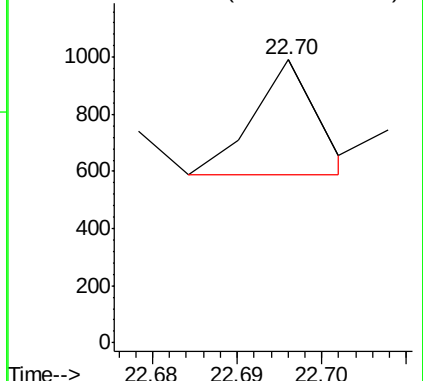
Lab File: BG026764.D

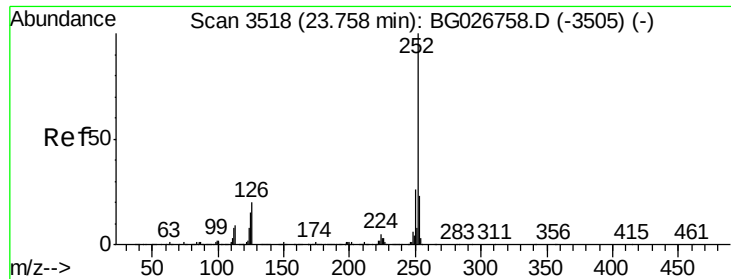
Acq: 30 Apr 2017 9:10

Tgt Ion:149 Resp: 208



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 115.73 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. 0.06 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

DFTPP53

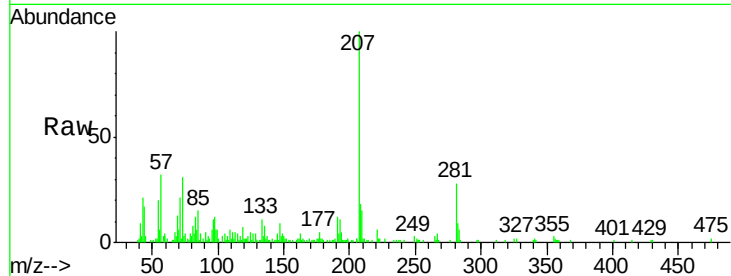
Tgt Ion:252 Resp: 410

Ion Ratio Lower Upper

252 100

253 47.2 17.7 26.5#

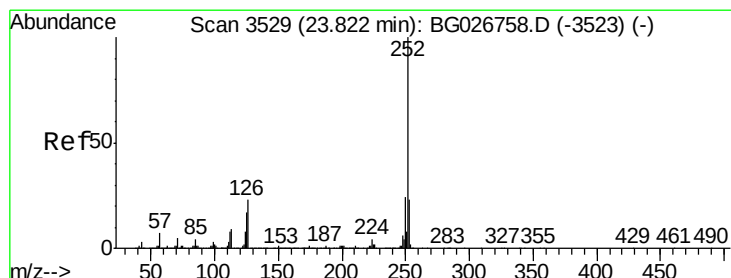
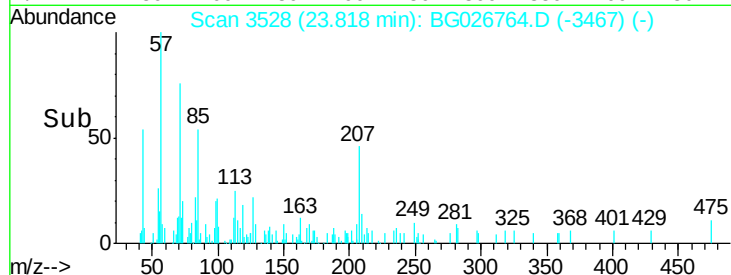
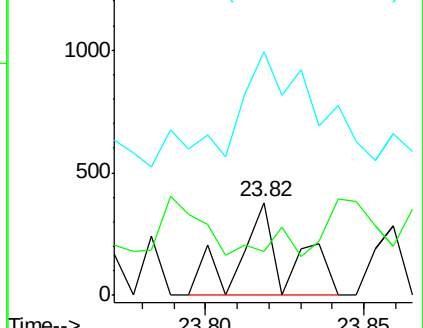
125 262.0 4.0 6.0#



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



#86

Benzo(k)fluoranthene

Concen: 48.26 ng/ul

RT: 23.86 min Scan# 3535

Delta R.T. 0.04 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

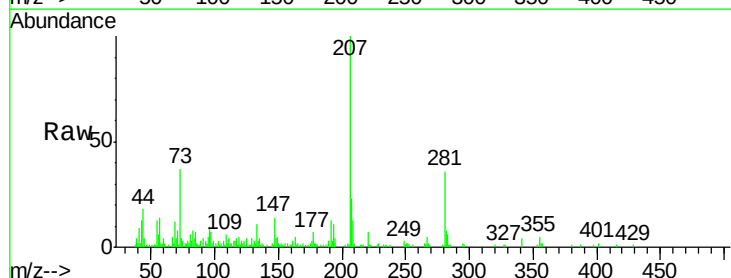
Tgt Ion:252 Resp: 168

Ion Ratio Lower Upper

252 100

253 71.0 18.5 27.7#

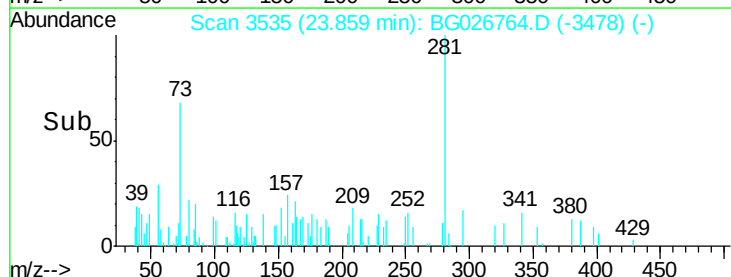
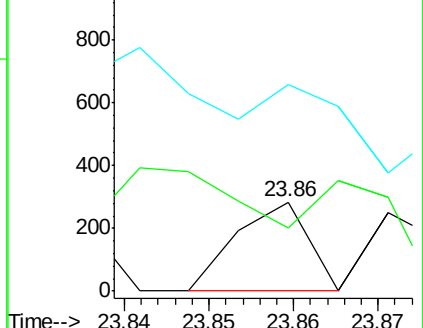
125 232.9 4.1 6.1#

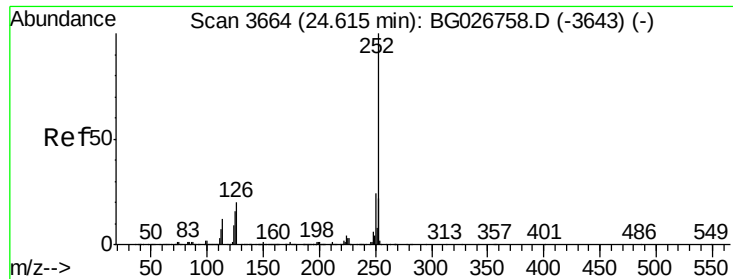


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 81.16 ng/ul

RT: 24.65 min Scan# 3670

Delta R.T. 0.04 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

DFTPP53

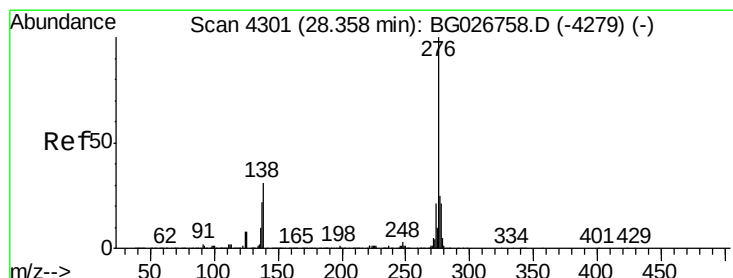
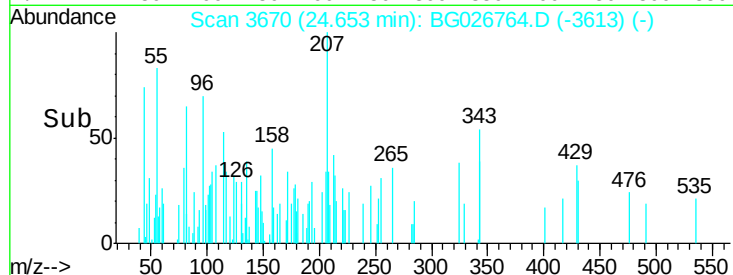
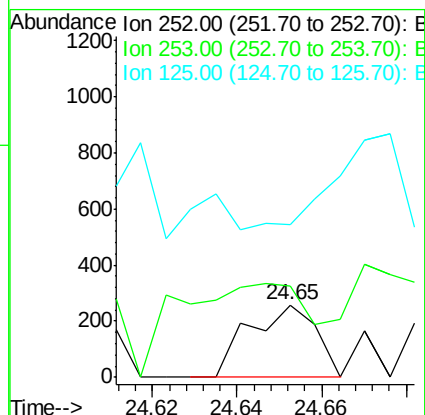
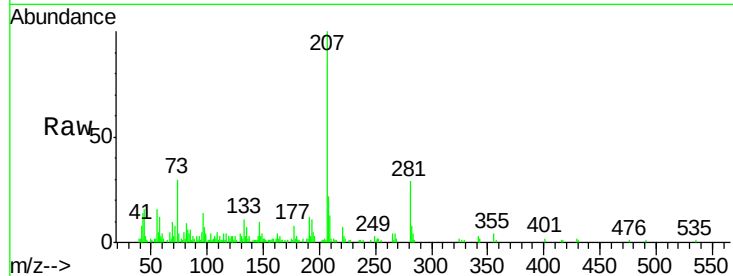
Tgt Ion:252 Resp: 283

Ion Ratio Lower Upper

252 100

253 125.1 17.8 26.6#

125 210.4 5.4 8.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 36.05 ng/ul

RT: 28.40 min Scan# 4308

Delta R.T. 0.04 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

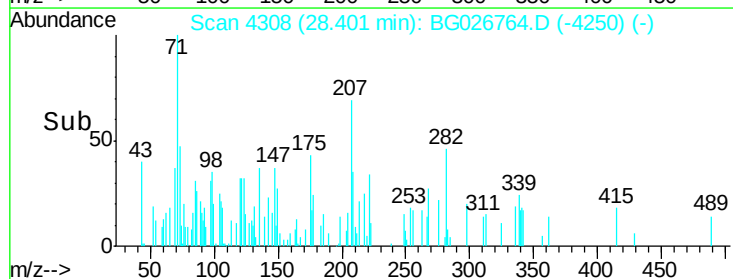
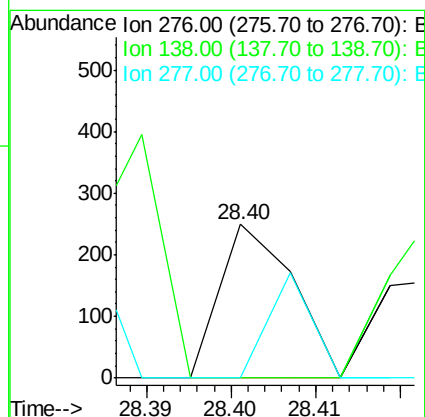
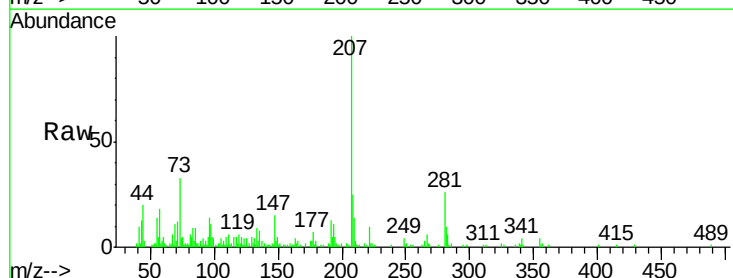
Tgt Ion:276 Resp: 149

Ion Ratio Lower Upper

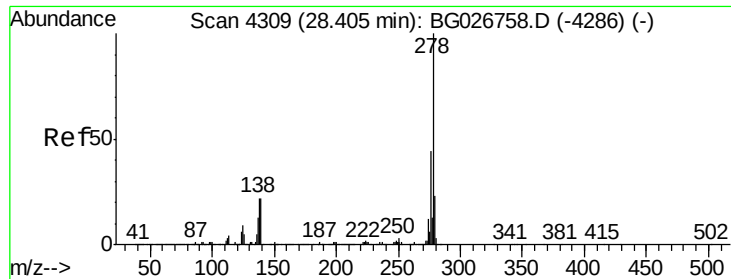
276 100

138 0.0 8.2 12.4#

277 0.0 18.6 28.0#







#90

Dibenzo(a,h)anthracene

Concen: 20.83 ng/ul

RT: 28.45 min Scan# 4317

Delta R.T. 0.05 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

Instrument :

BNA\_G

ClientSampleId :

DFTPP53

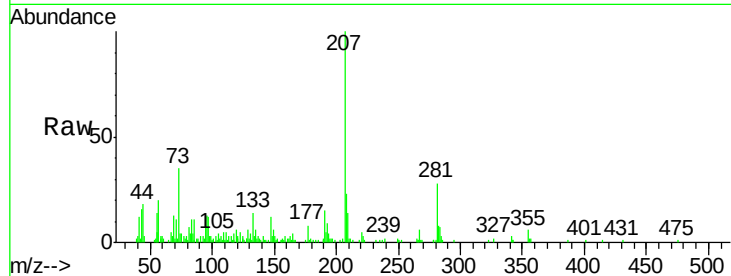
Tgt Ion:278 Resp: 73

Ion Ratio Lower Upper

278 100

139 89.3 6.7 10.1#

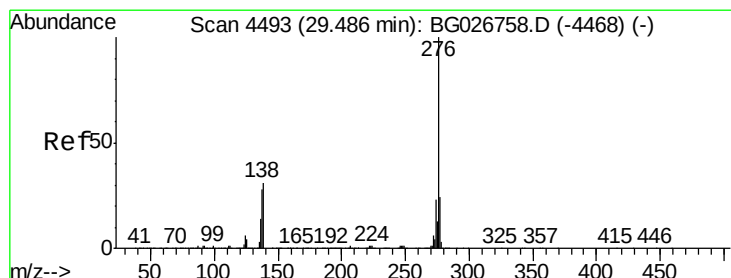
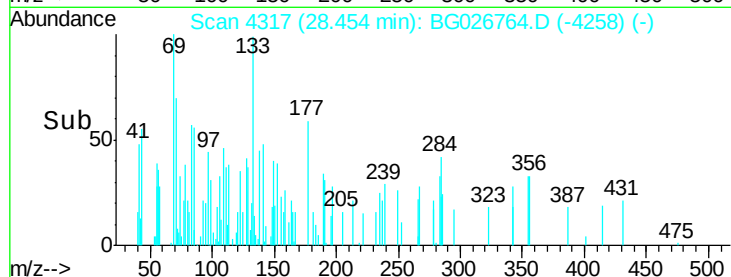
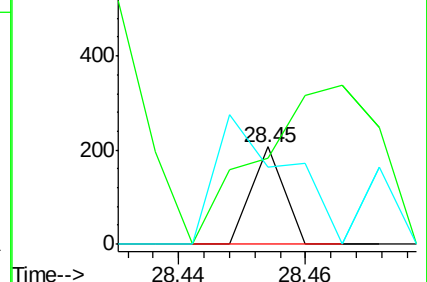
279 79.1 20.9 31.3#



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



#91

Benzo(g,h,i)perylene

Concen: 17.21 ng/ul

RT: 29.51 min Scan# 4497

Delta R.T. 0.03 min

Lab File: BG026764.D

Acq: 30 Apr 2017 9:10

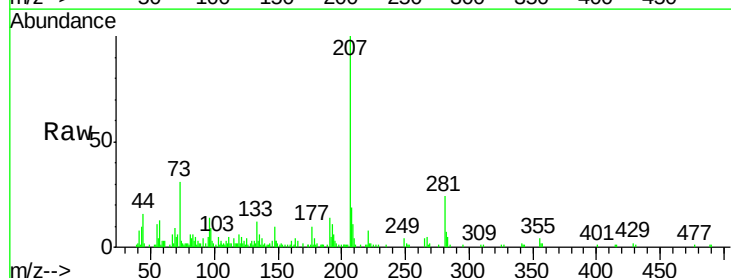
Tgt Ion:276 Resp: 59

Ion Ratio Lower Upper

276 100

138 94.0 8.6 12.8#

277 0.0 17.6 26.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

