

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\  
 Data File : BG024593.D  
 Acq On : 1 Nov 2016 15:19  
 Operator : UM/SJ  
 Sample : H5478-06MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SD-5MS

Quant Time: Nov 02 03:12:12 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 26 11:14:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 129273   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.09 | 136  | 517035   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.88 | 164  | 395780   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.63 | 188  | 877983   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.92 | 240  | 1148962  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.35 | 264  | 1200431  | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.80  | 112 | 956660  | 121.29 | ng | 0.00  |
| 7) Phenol-d6                | 7.41  | 99  | 1354562 | 125.20 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.44  | 82  | 931186  | 82.00  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 16.37 | 330 | 724161  | 122.47 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 13.51 | 172 | 1503361 | 63.13  | ng | 0.00  |
| 78) Terphenyl-d14           | 20.20 | 244 | 2053088 | 53.39  | ng | -0.01 |

|                                |       |     |         |       |    |        |
|--------------------------------|-------|-----|---------|-------|----|--------|
| Target Compounds               |       |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.66  | 88  | 120214  | 37.31 | ng | 90     |
| 3) Pyridine                    | 4.07  | 79  | 362515  | 37.57 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.99  | 42  | 190938  | 38.23 | ng | # 81   |
| 6) Aniline                     | 7.59  | 93  | 335840  | 24.50 | ng | 99     |
| 8) 2-Chlorophenol              | 7.83  | 128 | 354155  | 44.16 | ng | 93     |
| 9) Benzaldehyde                | 7.41  | 77  | 77755   | 11.63 | ng | 87     |
| 10) Phenol                     | 7.43  | 94  | 542189  | 48.61 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.68  | 93  | 361278  | 43.12 | ng | 86     |
| 12) 1,3-Dichlorobenzene        | 8.16  | 146 | 400087  | 40.30 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.30  | 146 | 395558  | 40.34 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.63  | 146 | 380510  | 40.36 | ng | 95     |
| 15) Benzyl Alcohol             | 8.50  | 79  | 408776  | 40.62 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.79  | 45  | 595186  | 38.29 | ng | 98     |
| 17) 2-Methylphenol             | 8.70  | 107 | 330483  | 44.72 | ng | 98     |
| 18) Hexachloroethane           | 9.36  | 117 | 151522  | 40.20 | ng | 87     |
| 19) n-Nitroso-di-n-propylamine | 9.07  | 70  | 338124  | 42.41 | ng | 90     |
| 20) 3+4-Methylphenols          | 9.03  | 107 | 439884  | 44.33 | ng | 99     |
| 22) Acetophenone               | 9.10  | 105 | 565415  | 42.57 | ng | # 91   |
| 24) Nitrobenzene               | 9.49  | 77  | 506176  | 40.07 | ng | 97     |
| 25) Isophorone                 | 10.00 | 82  | 885511  | 41.92 | ng | 97     |
| 26) 2-Nitrophenol              | 10.20 | 139 | 206022  | 43.94 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 10.24 | 122 | 372492  | 45.38 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.48 | 93  | 496692  | 45.45 | ng | 95     |
| 29) 2,4-Dichlorophenol         | 10.73 | 162 | 385901  | 44.79 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.95 | 180 | 419905  | 41.08 | ng | 99     |
| 31) Naphthalene                | 11.15 | 128 | 1049273 | 40.69 | ng | 98     |
| 32) Benzoic acid               | 10.32 | 122 | 14645   | 2.14  | ng | # 85   |
| 33) 4-Chloroaniline            | 11.25 | 127 | 168047  | 15.01 | ng | 94     |
| 34) Hexachlorobutadiene        | 11.41 | 225 | 322019  | 40.26 | ng | 99     |
| 35) Caprolactam                | 12.02 | 113 | 133891  | 42.45 | ng | # 83   |
| 36) 4-Chloro-3-methylphenol    | 12.35 | 107 | 447230  | 43.00 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.73 | 142 | 759110  | 40.34 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.09 | 216 | 522568  | 39.15 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 13.06 | 237 | 687677  | 91.48 | ng | 95     |

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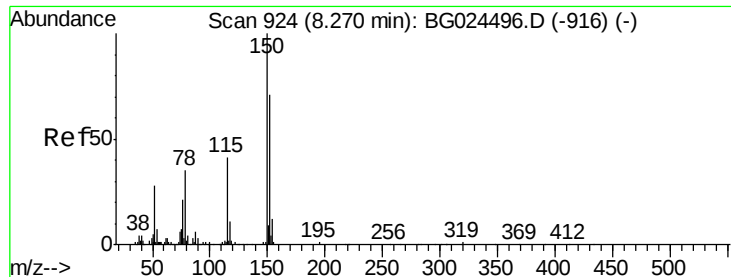
Instrument :  
 BNA\_G  
 ClientSampleId :  
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Quant Time: Nov 02 03:12:12 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.32 | 196  | 355854   | 44.35 | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 13.39 | 196  | 366733   | 42.27 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 13.72 | 154  | 1047886  | 38.15 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.77 | 162  | 853114   | 40.79 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.97 | 65   | 347147   | 40.54 | ng    | 95       |
| 48) Acenaphthylene             | 14.61 | 152  | 1242321  | 38.74 | ng    | 98       |
| 49) Dimethylphthalate          | 14.33 | 163  | 1596188  | 56.81 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.46 | 165  | 257663   | 42.96 | ng    | # 87     |
| 51) Acenaphthene               | 14.95 | 154  | 883393   | 36.95 | ng    | 97       |
| 52) 3-Nitroaniline             | 14.79 | 138  | 152591   | 24.58 | ng    | 96       |
| 53) 2,4-Dinitrophenol          | 14.99 | 184  | 117609   | 27.06 | ng    | 96       |
| 54) Dibenzofuran               | 15.28 | 168  | 1317744  | 39.87 | ng    | 99       |
| 55) 4-Nitrophenol              | 15.08 | 139  | 415171   | 76.77 | ng    | # 86     |
| 56) 2,4-Dinitrotoluene         | 15.24 | 165  | 370626   | 42.52 | ng    | # 95     |
| 57) Fluorene                   | 15.92 | 166  | 1073843  | 39.18 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.50 | 232  | 393481   | 43.75 | ng    | 92       |
| 59) Diethylphthalate           | 15.68 | 149  | 1147183  | 38.94 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.91 | 204  | 609886   | 39.65 | ng    | 94       |
| 61) 4-Nitroaniline             | 15.95 | 138  | 253277   | 37.35 | ng    | 96       |
| 62) Azobenzene                 | 16.21 | 77   | 1171605  | 39.88 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 16.00 | 198  | 210157   | 34.74 | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 16.12 | 169  | 1010773  | 42.11 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.81 | 248  | 440590   | 41.34 | ng    | 95       |
| 67) Hexachlorobenzene          | 16.92 | 284  | 484664   | 41.15 | ng    | # 88     |
| 68) Atrazine                   | 17.06 | 200  | 468706   | 45.52 | ng    | 98       |
| 69) Pentachlorophenol          | 17.26 | 266  | 577454   | 74.31 | ng    | 96       |
| 70) Phenanthrene               | 17.67 | 178  | 1763767  | 39.41 | ng    | 97       |
| 71) Anthracene                 | 17.76 | 178  | 1818605  | 40.28 | ng    | 99       |
| 72) Carbazole                  | 18.03 | 167  | 1645862  | 39.97 | ng    | 96       |
| 73) Di-n-butylphthalate        | 18.56 | 149  | 1858962  | 39.16 | ng    | 98       |
| 74) Fluoranthene               | 19.66 | 202  | 2224503  | 39.32 | ng    | 96       |
| 76) Benzidine                  | 19.84 | 184  | 1141383  | 42.16 | ng    | 99       |
| 77) Pyrene                     | 20.03 | 202  | 2241826  | 39.91 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.88 | 149  | 942231   | 40.24 | ng    | 99       |
| 80) Benzo(a)anthracene         | 21.90 | 228  | 2447132  | 38.77 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.81 | 252  | 523109   | 20.54 | ng    | # 94     |
| 82) Chrysene                   | 21.97 | 228  | 2340129  | 38.93 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.76 | 149  | 1307349  | 39.03 | ng    | # 99     |
| 84) Di-n-octyl phthalate       | 23.04 | 149  | 2246979  | 40.42 | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.30 | 276  | 3176397  | 38.28 | ng    | # 95     |
| 87) Benzo(b)fluoranthene       | 24.26 | 252  | 2595134  | 39.99 | ng    | 100      |
| 88) Benzo(k)fluoranthene       | 24.33 | 252  | 2445108  | 39.02 | ng    | 97       |
| 89) Benzo(a)pyrene             | 25.20 | 252  | 2492911  | 39.32 | ng    | # 98     |
| 90) Dibenzo(a,h)anthracene     | 29.37 | 278  | 2640400  | 37.94 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 30.54 | 276  | 2606357  | 37.49 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

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BNA\_G

ClientSampleId :

SD-5MS

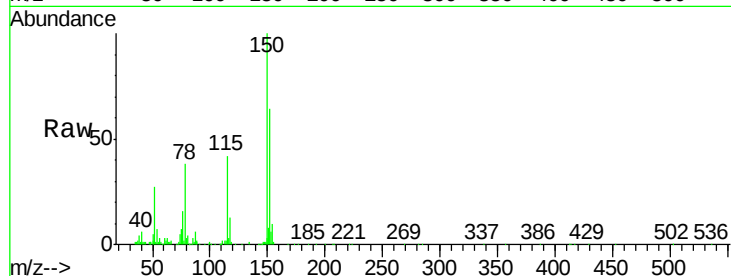
Tot Ion:152 Resp: 129273

Ion Ratio Lower Upper

152 100

150 156.8 114.0 171.0

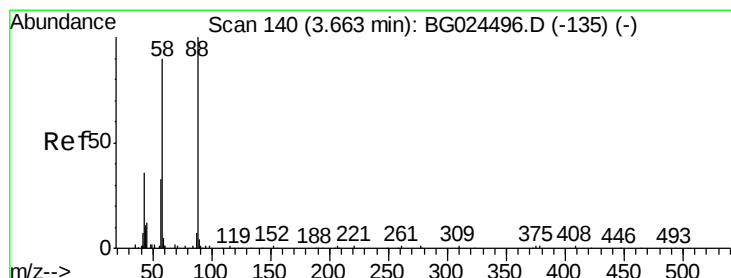
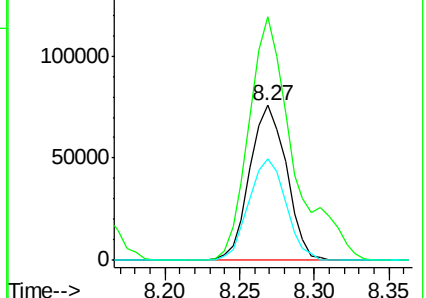
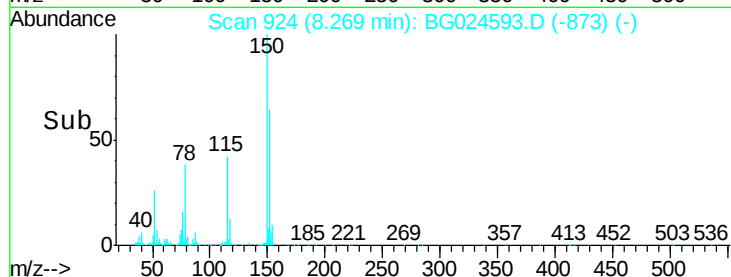
115 65.3 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.31 ng

RT: 3.66 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

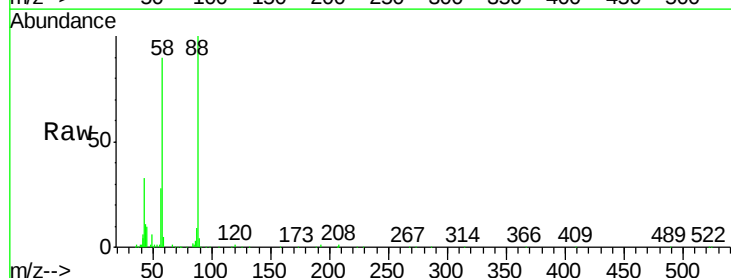
Tgt Ion: 88 Resp: 120214

Ion Ratio Lower Upper

88 100

58 88.6 79.4 119.2

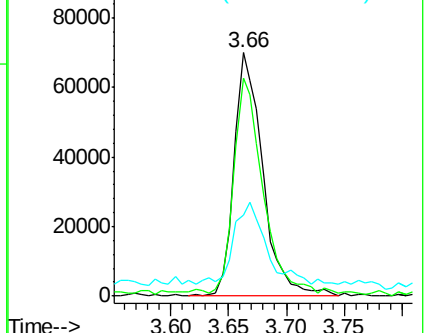
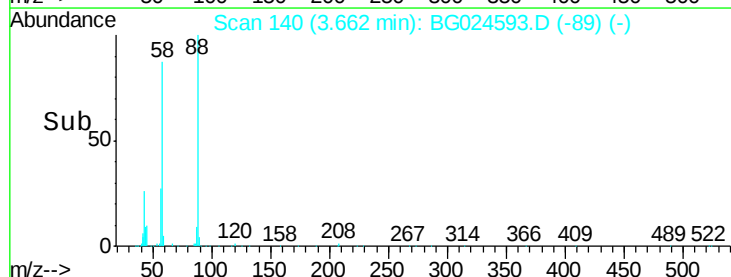
43 37.6 33.8 50.6

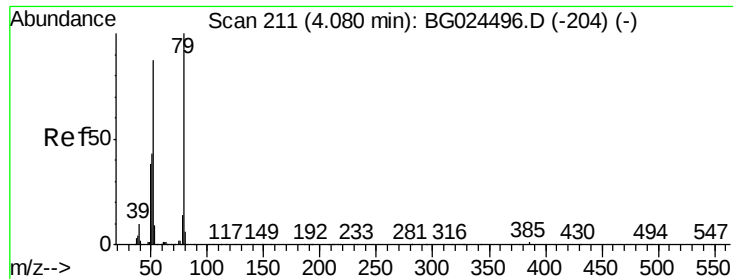


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.57 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

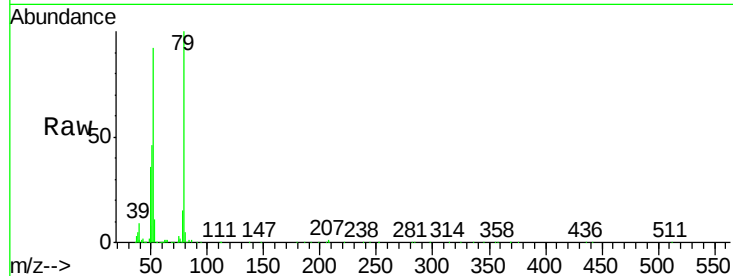
Tot Ion: 79 Resp: 362515

Ion Ratio Lower Upper

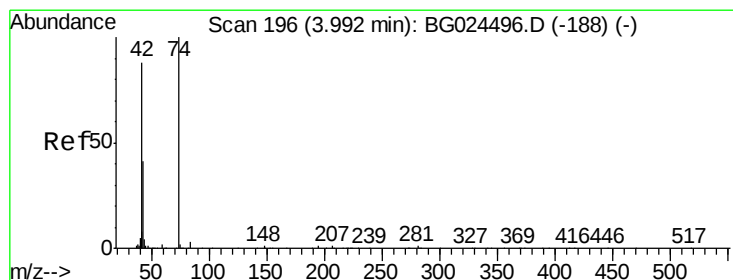
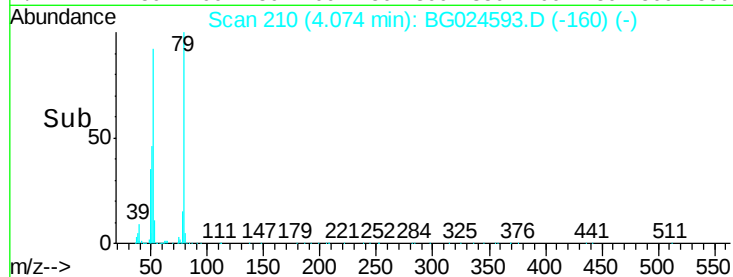
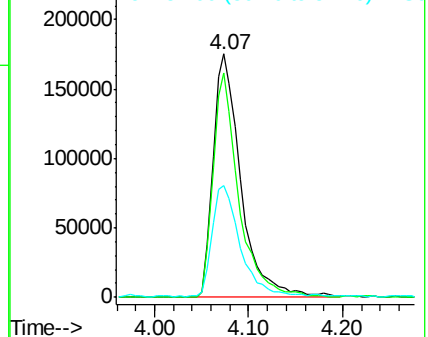
79 100

52 92.1 77.8 116.6

51 45.8 43.2 64.8



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: 38.23 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

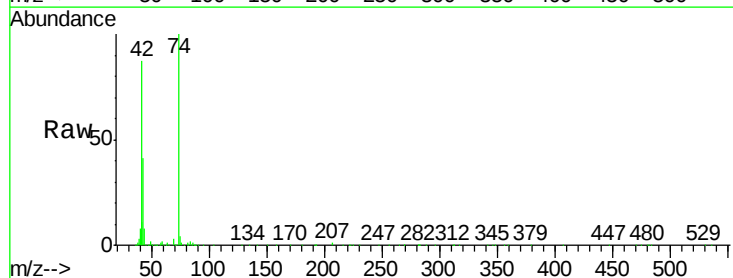
Tgt Ion: 42 Resp: 190938

Ion Ratio Lower Upper

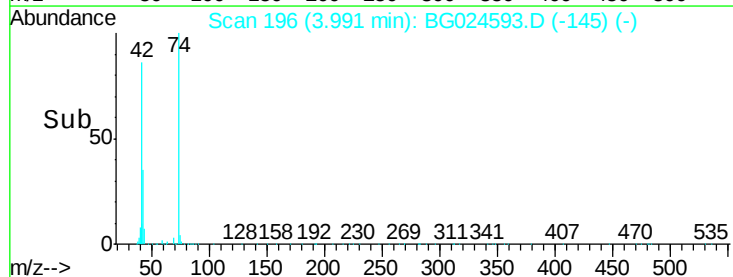
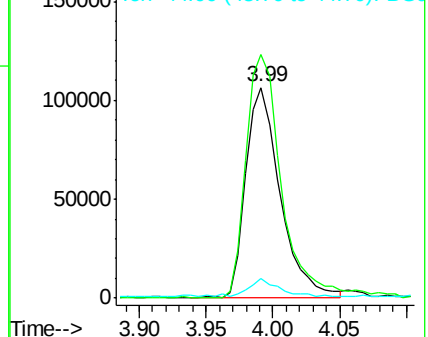
42 100

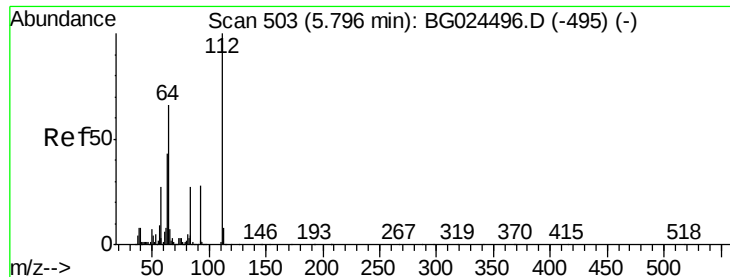
74 115.5 76.7 115.1#

44 9.4 6.1 9.1#



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: 121.29 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

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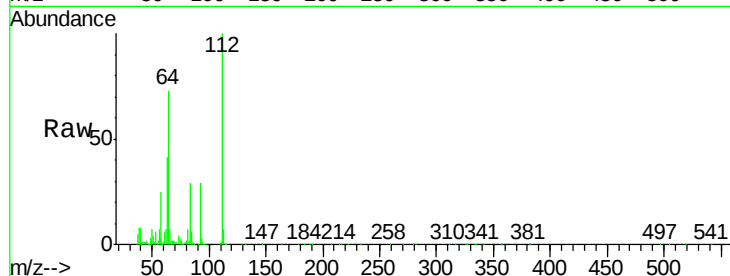
Tot Ion: 112 Resp: 956660

Ion Ratio Lower Upper

112 100

64 73.2 61.8 92.6

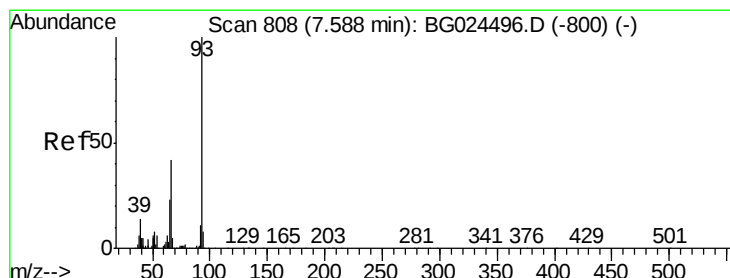
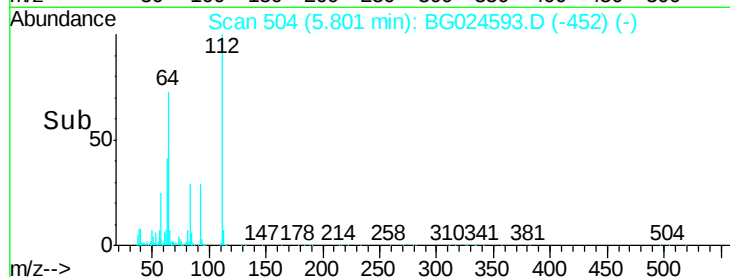
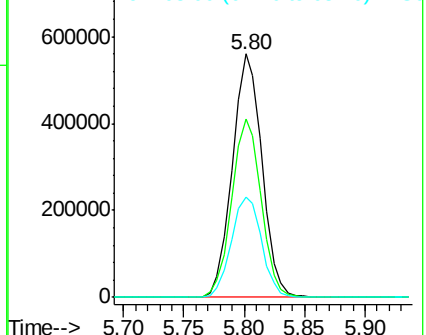
63 40.9 37.2 55.8



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: 24.50 ng

RT: 7.59 min Scan# 809

Delta R.T. 0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

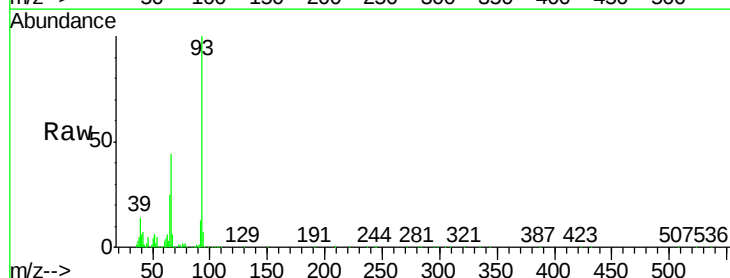
Tgt Ion: 93 Resp: 335840

Ion Ratio Lower Upper

93 100

66 44.2 35.4 53.2

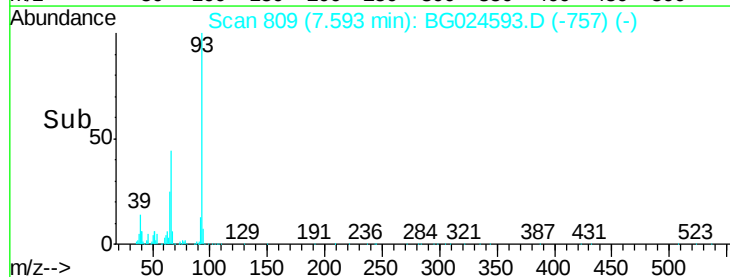
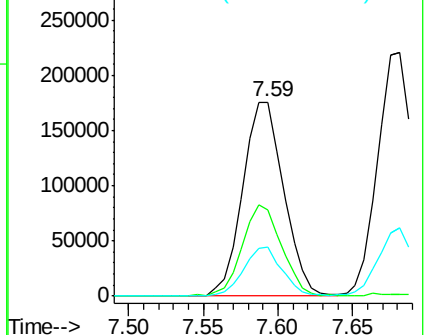
65 25.0 21.2 31.8

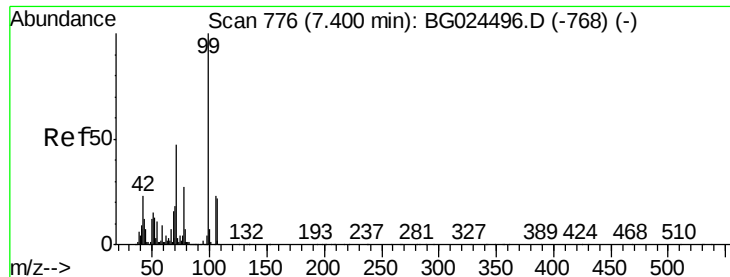


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.20 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

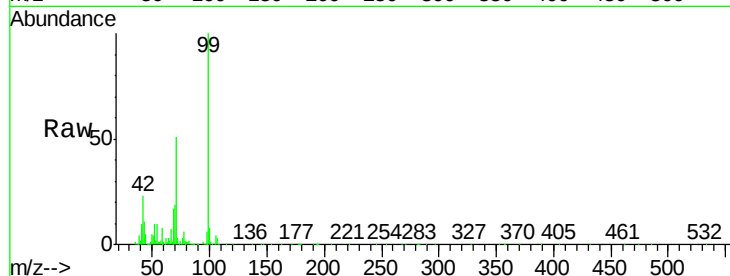
BNA\_G

ClientSampleId :

SD-5MS

Tot Ion: 99 Resp: 1354562

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.9  | 20.5  | 30.7  |
| 71  | 51.1  | 37.6  | 56.4  |

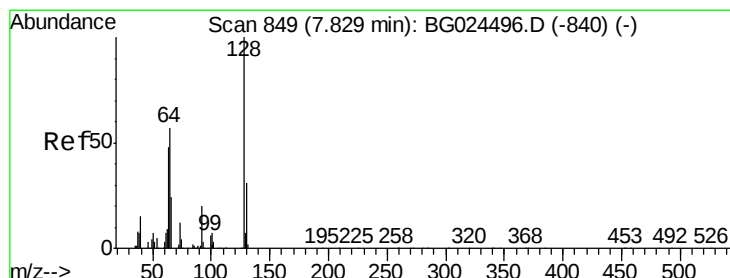
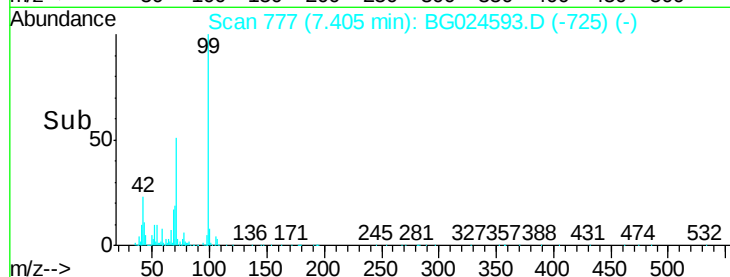
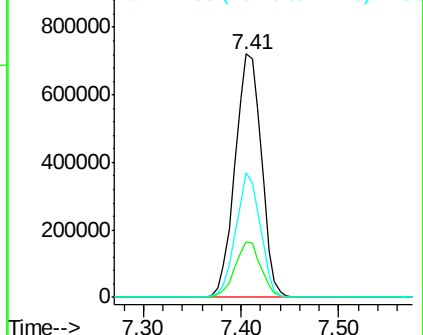


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.16 ng

RT: 7.83 min Scan# 849

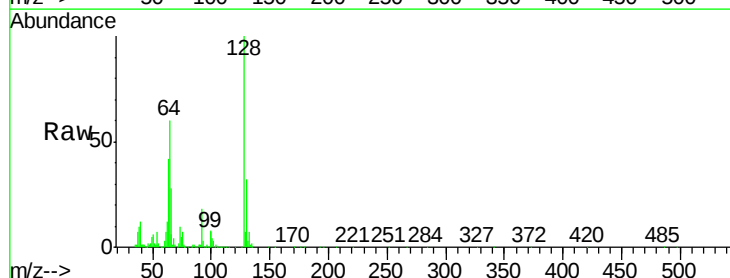
Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Tgt Ion: 128 Resp: 354155

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.4  | 11.4  | 51.4  |
| 64  | 59.6  | 46.6  | 86.6  |

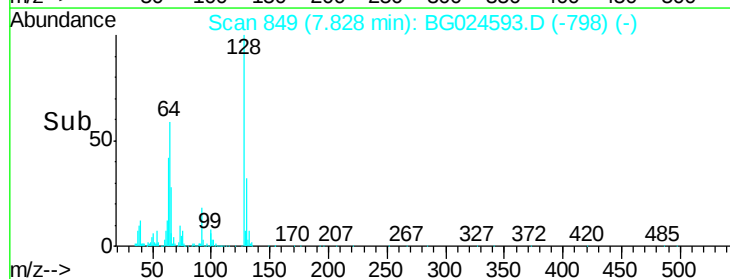
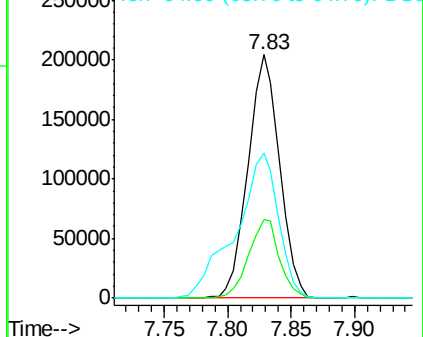


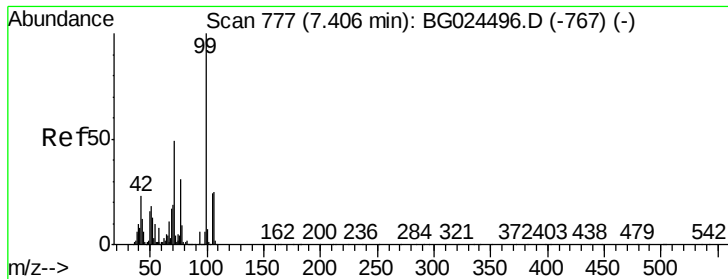
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.63 ng

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

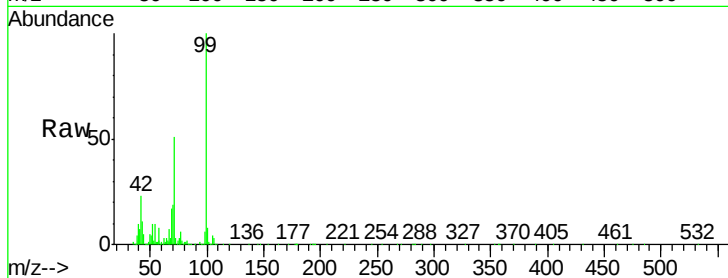
Tot Ion: 77 Resp: 77755

Ion Ratio Lower Upper

77 100

105 71.7 60.9 100.9

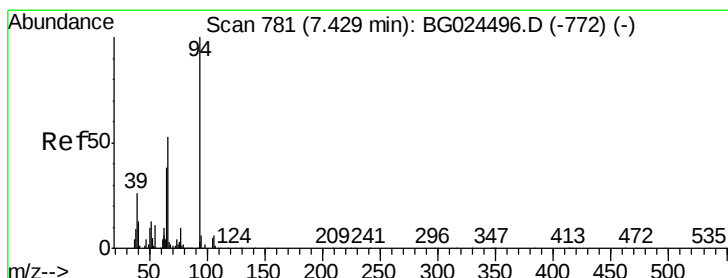
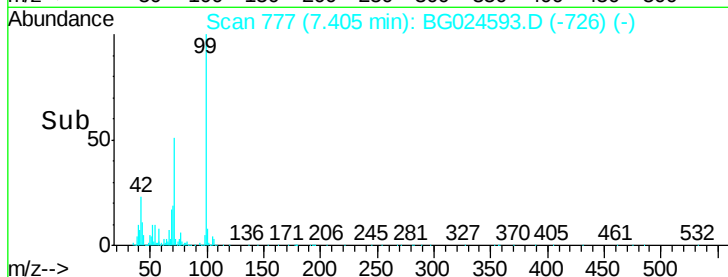
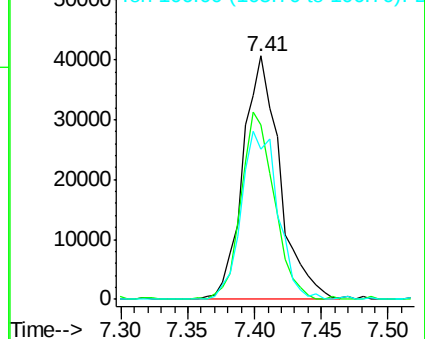
106 61.8 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.61 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

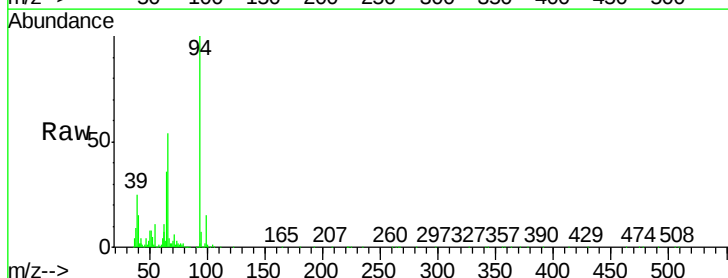
Tgt Ion: 94 Resp: 542189

Ion Ratio Lower Upper

94 100

65 35.8 20.6 60.6

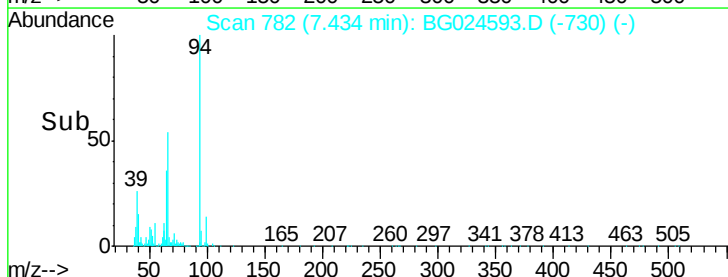
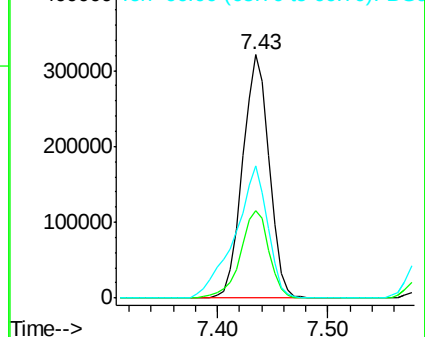
66 54.2 35.5 75.5

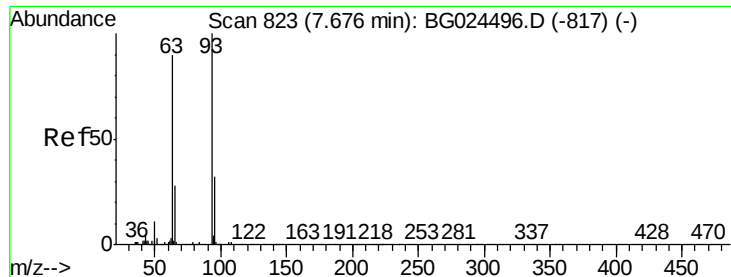


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

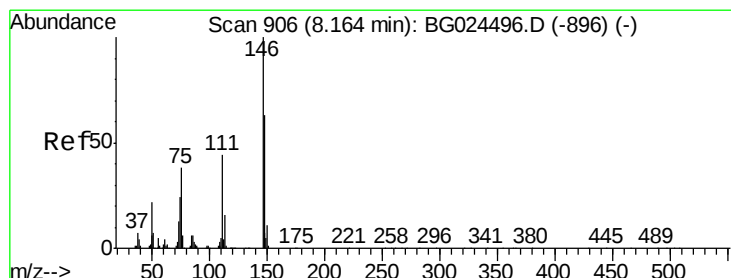
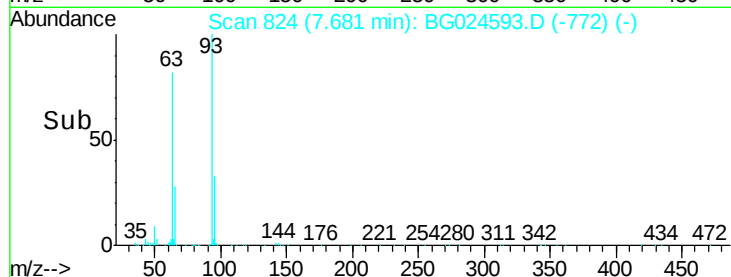
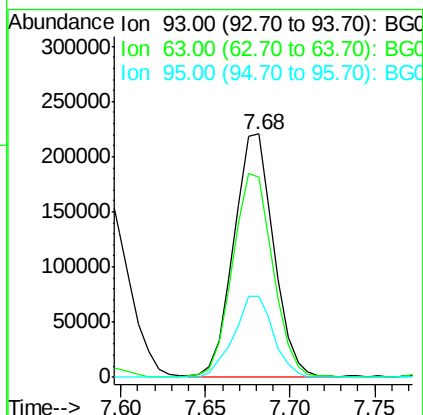
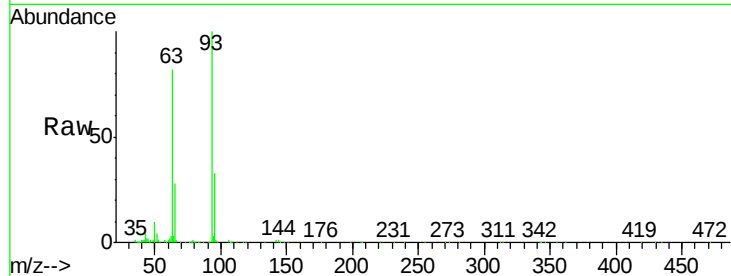




#11  
bis(2-Chloroethyl)ether  
Concen: 43.12 ng  
RT: 7.68 min Scan# 824  
Delta R.T. 0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

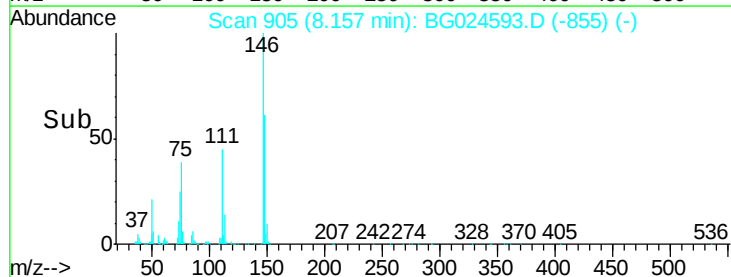
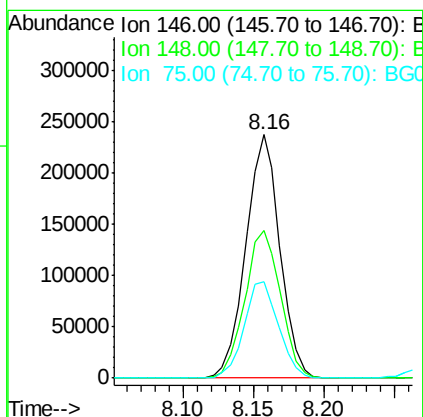
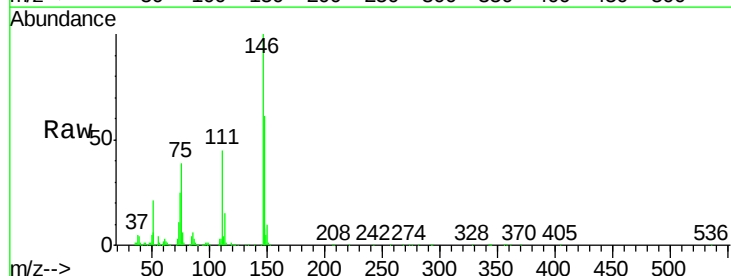
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

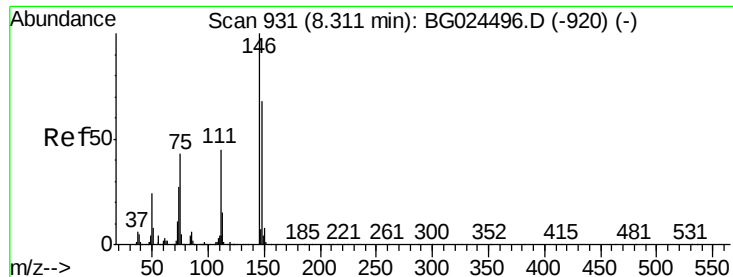
Tot Ion: 93 Resp: 361278  
Ion Ratio Lower Upper  
93 100  
63 82.1 78.5 118.5  
95 33.3 9.8 49.8



#12  
1,3-Dichlorobenzene  
Concen: 40.30 ng  
RT: 8.16 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Tgt Ion: 146 Resp: 400087  
Ion Ratio Lower Upper  
146 100  
148 60.8 49.2 73.8  
75 39.4 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 40.34 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

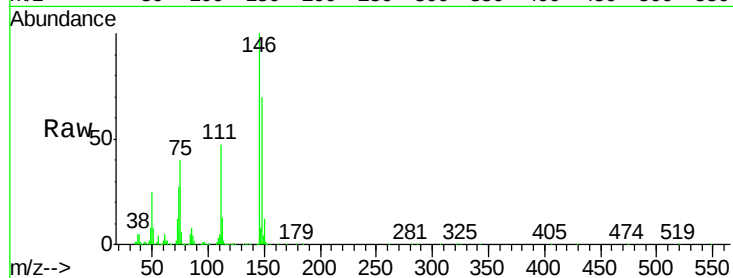
Tot Ion:146 Resp: 395558

Ion Ratio Lower Upper

146 100

148 70.3 52.2 78.2

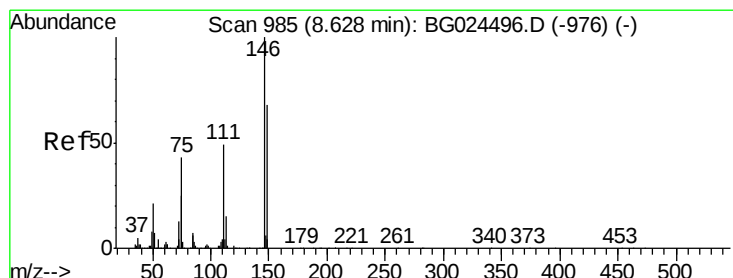
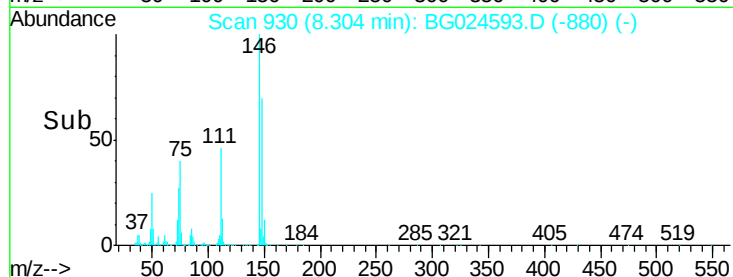
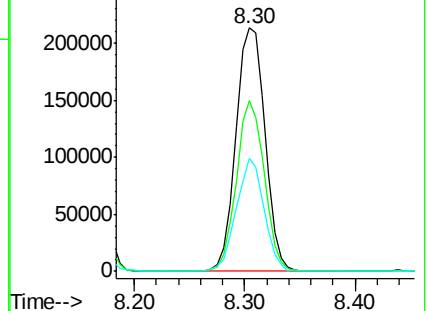
111 46.5 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.36 ng

RT: 8.63 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

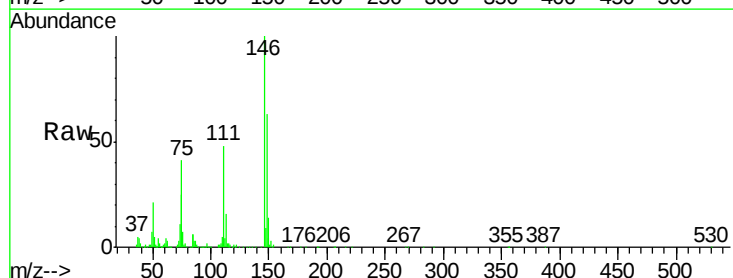
Tgt Ion:146 Resp: 380510

Ion Ratio Lower Upper

146 100

148 62.8 54.6 81.8

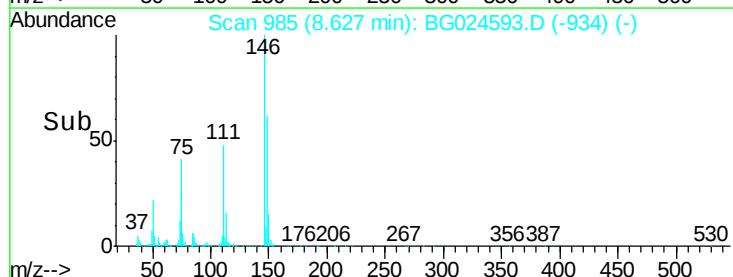
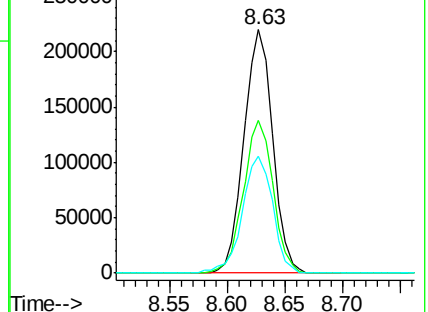
111 47.8 39.7 59.5

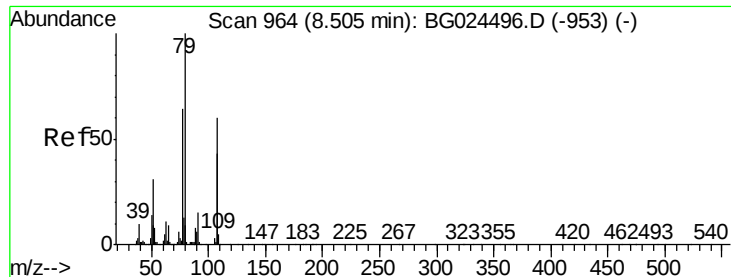


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.62 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

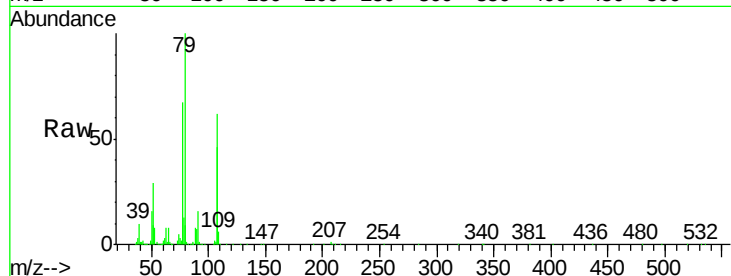
Tot Ion: 79 Resp: 408776

Ion Ratio Lower Upper

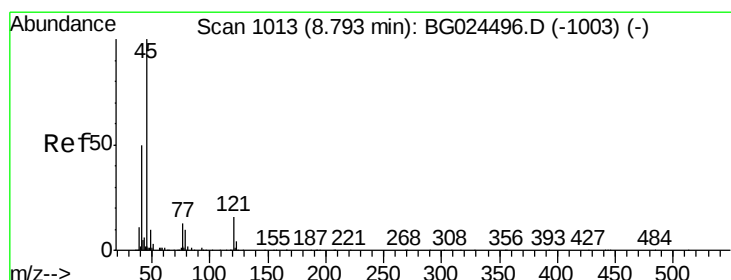
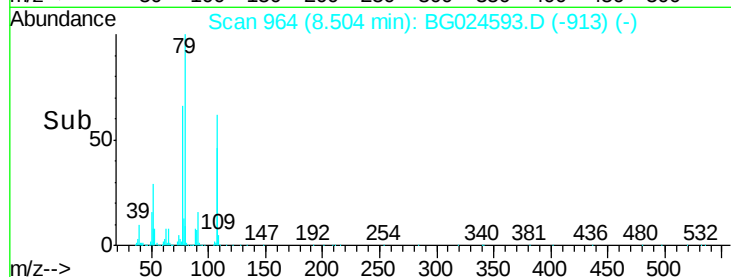
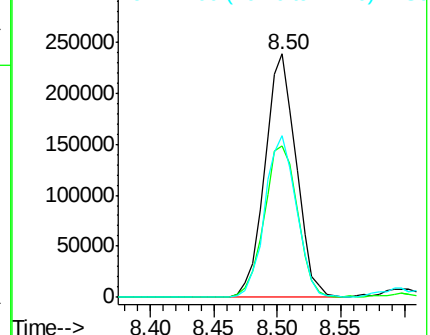
79 100

108 62.3 45.5 68.3

77 66.6 54.3 81.5



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: 38.29 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

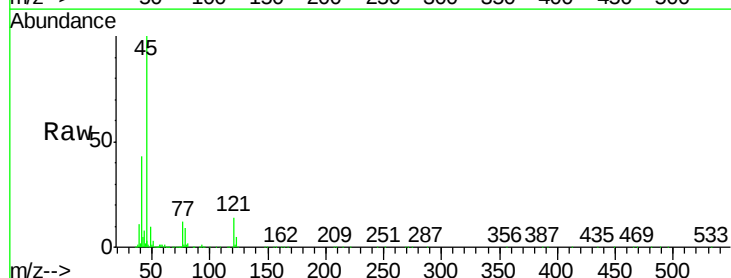
Tgt Ion: 45 Resp: 595186

Ion Ratio Lower Upper

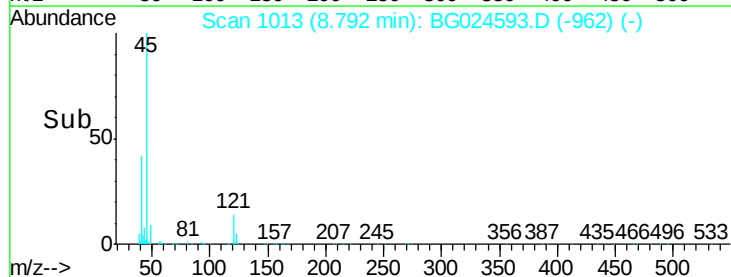
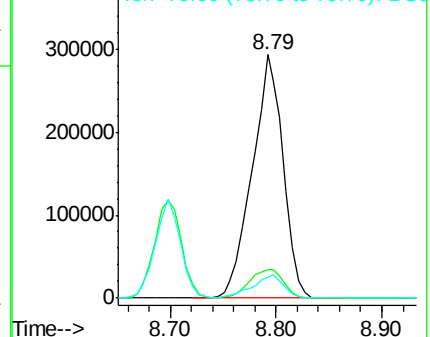
45 100

77 11.9 0.0 30.6

79 8.8 0.0 28.5



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: 44.72 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

Tot Ion:107 Resp: 330483

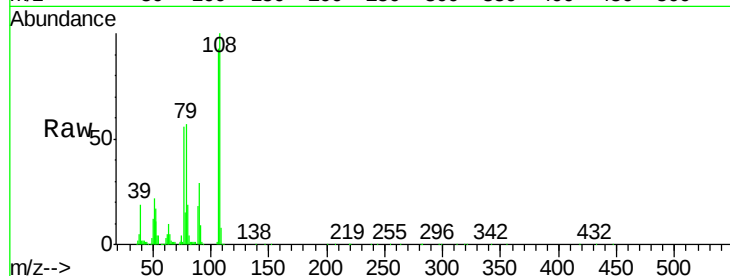
Ion Ratio Lower Upper

107 100

108 107.3 85.6 128.4

77 60.0 51.4 77.2

79 60.8 49.2 73.8

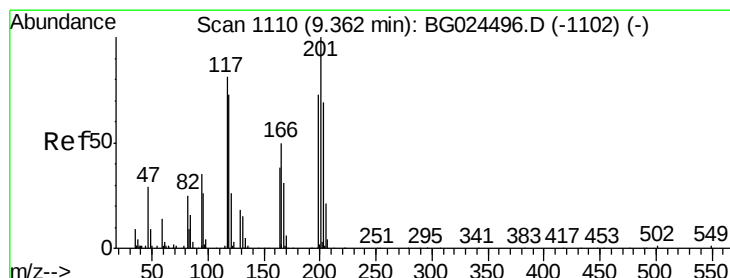
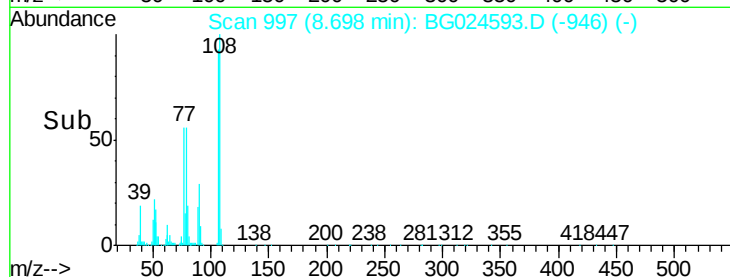
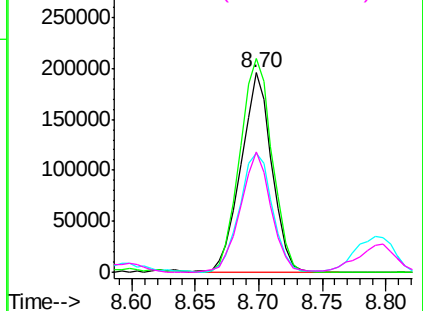


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.20 ng

RT: 9.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

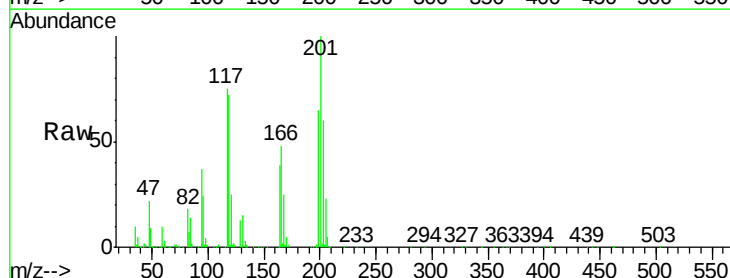
Tgt Ion:117 Resp: 151522

Ion Ratio Lower Upper

117 100

119 98.0 69.8 104.6

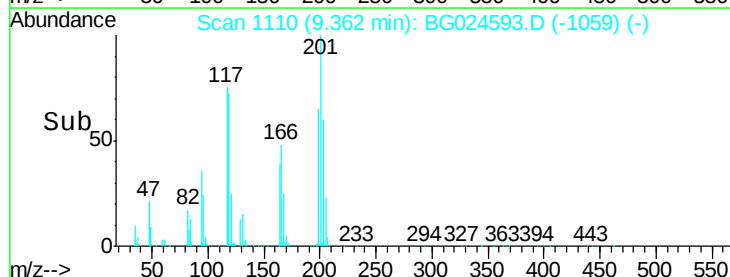
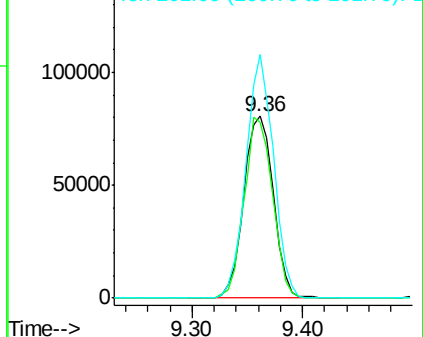
201 133.9 95.4 143.0

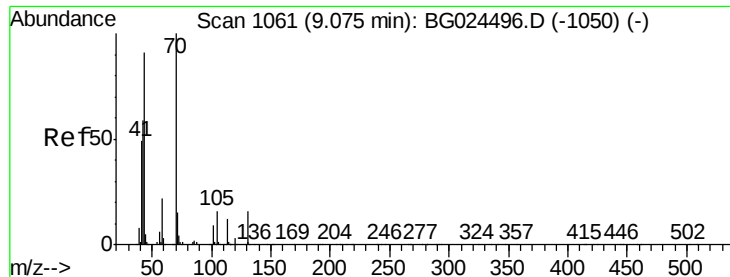


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

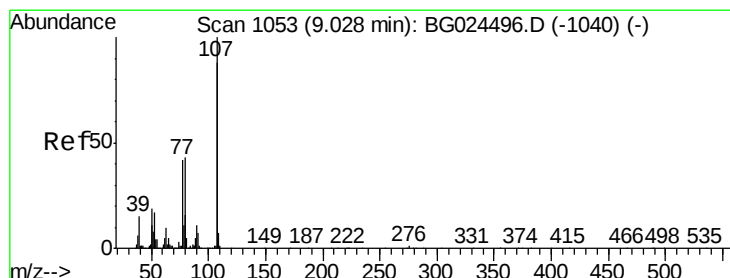
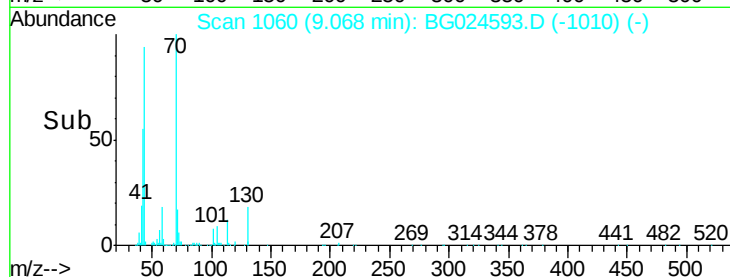
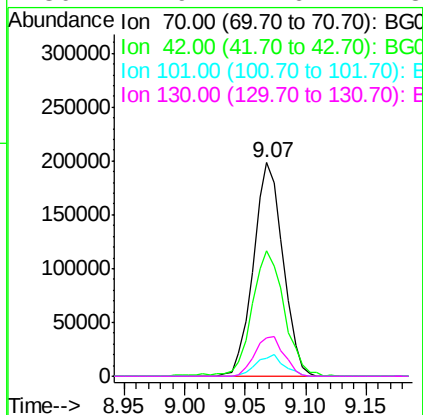
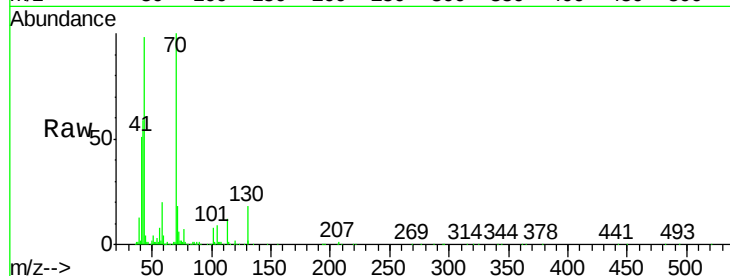




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.41 ng  
RT: 9.07 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

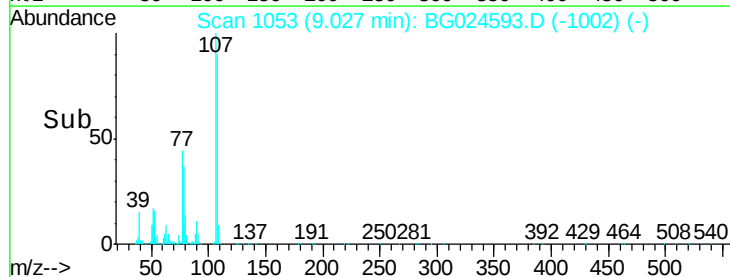
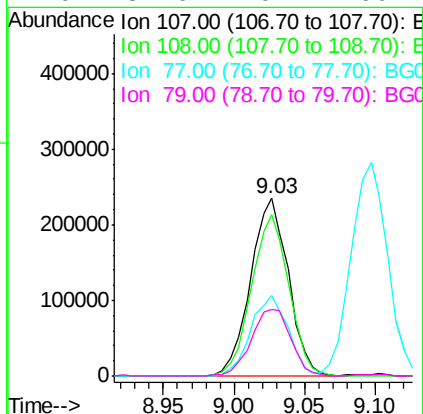
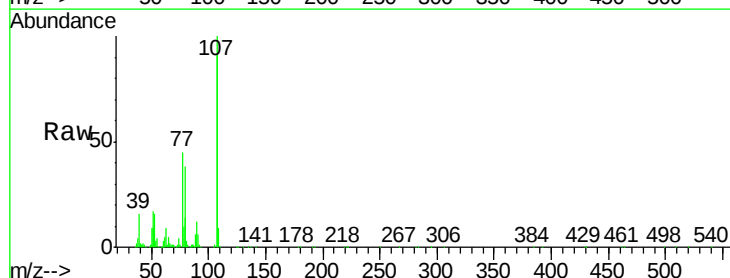
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 338124 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.9  | 56.1  | 84.1   |
| 101      | 8.3   | 7.5   | 11.3   |
| 130      | 17.9  | 14.6  | 21.8   |



#20  
3+4-Methylphenols  
Concen: 44.33 ng  
RT: 9.03 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 439884 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.9  | 70.8  | 110.8  |
| 77       | 45.4  | 25.8  | 65.8   |
| 79       | 37.6  | 20.1  | 60.1   |

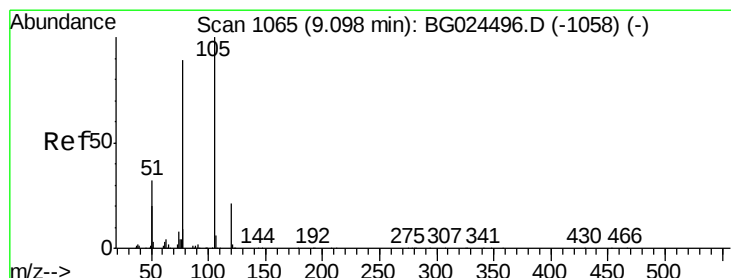
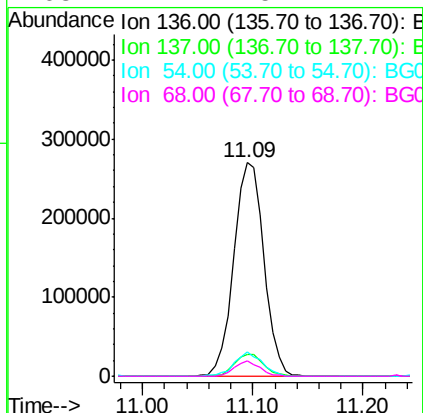
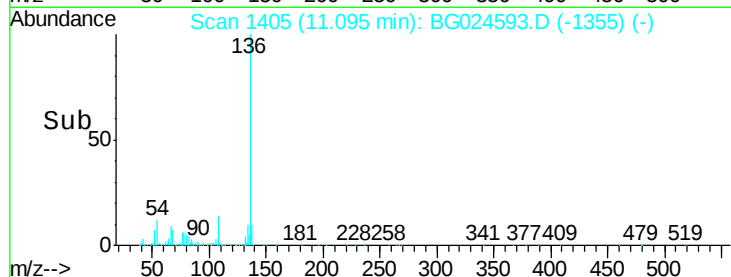
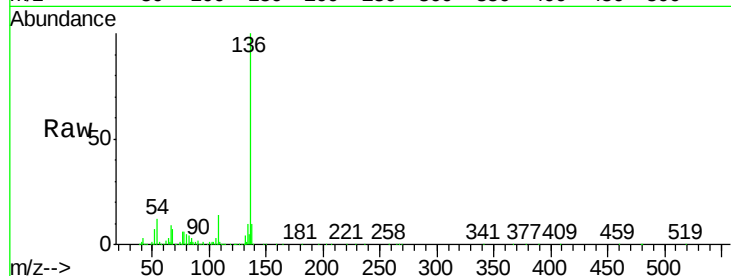




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.09 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

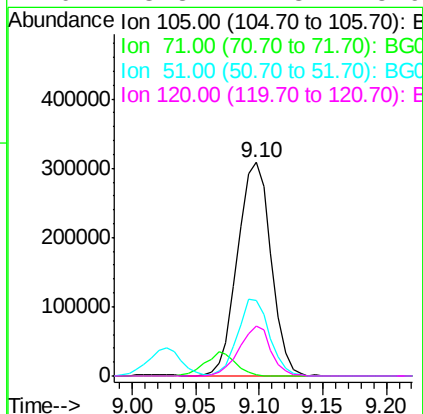
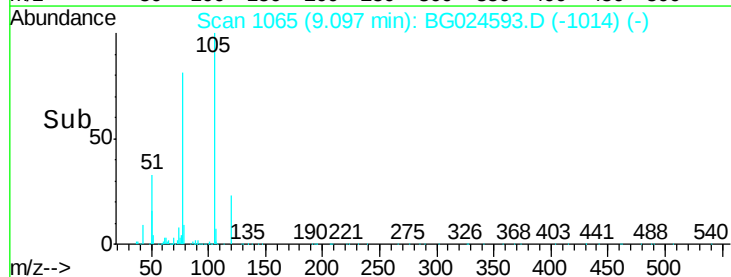
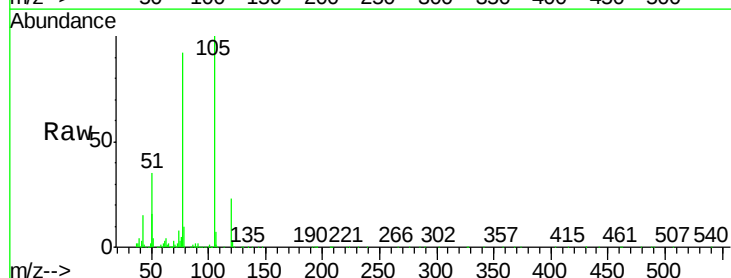
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

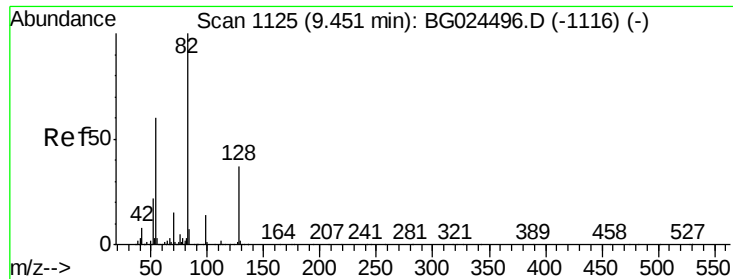
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 517035 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.1    | 8.9 13.3     |
| 54 11.5     | 9.3 13.9     |
| 68 7.1      | 5.1 7.7      |



#22  
Acetophenone  
Concen: 42.57 ng  
RT: 9.10 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 565415 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.7     | 0.9   | 1.3#   |
| 51  | 35.3    | 34.0  | 51.0   |
| 120 | 23.3    | 17.3  | 25.9   |

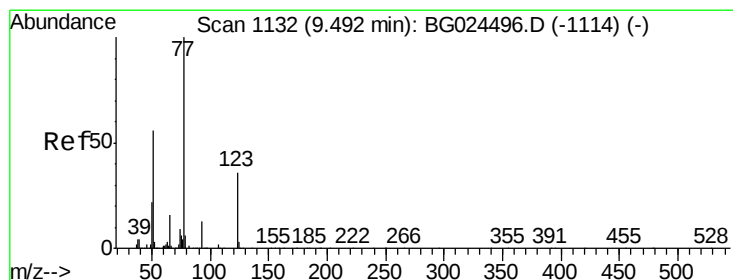
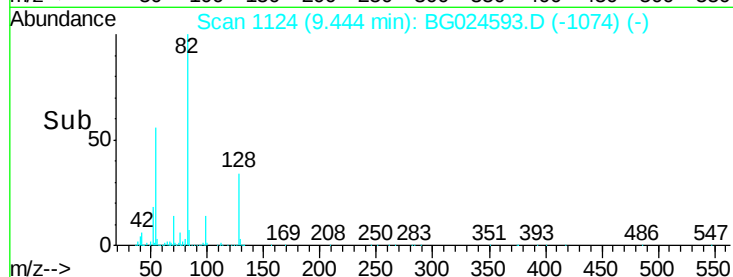
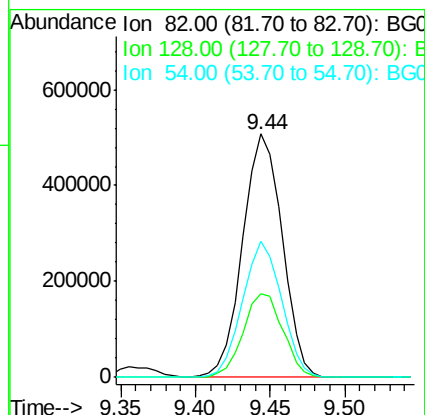
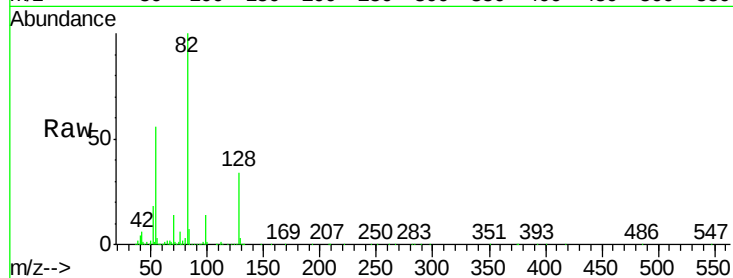




#23  
 Nitrobenzene-d5  
 Concen: 82.00 ng  
 RT: 9.44 min Scan# 1124  
 Delta R.T. -0.01 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

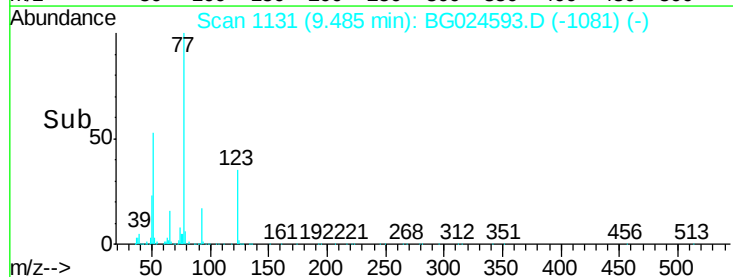
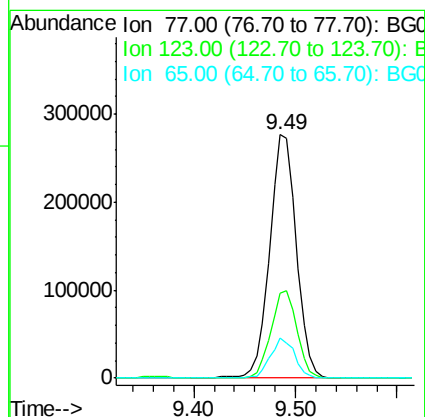
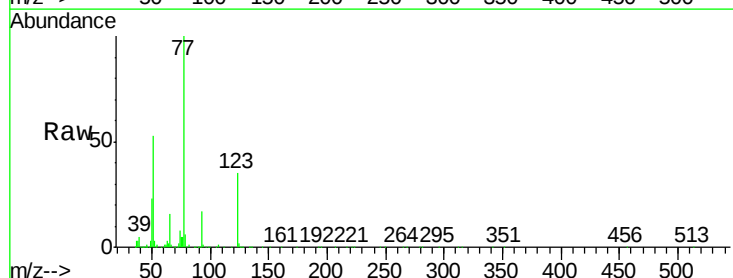
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SD-5MS

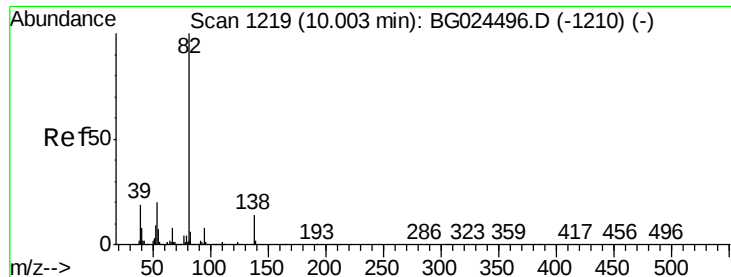
Tot Ion: 82 Resp: 931186  
 Ion Ratio Lower Upper  
 82 100  
 128 34.1 26.4 39.6  
 54 56.1 49.4 74.2



#24  
 Nitrobenzene  
 Concen: 40.07 ng  
 RT: 9.49 min Scan# 1131  
 Delta R.T. -0.01 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

Tgt Ion: 77 Resp: 506176  
 Ion Ratio Lower Upper  
 77 100  
 123 34.8 26.1 39.1  
 65 16.3 12.4 18.6





#25

Isophorone

Concen: 41.92 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

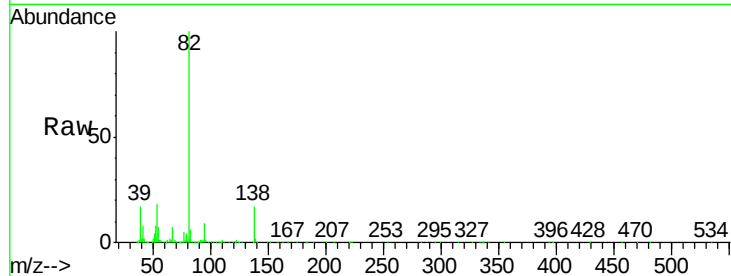
Tot Ion: 82 Resp: 885511

Ion Ratio Lower Upper

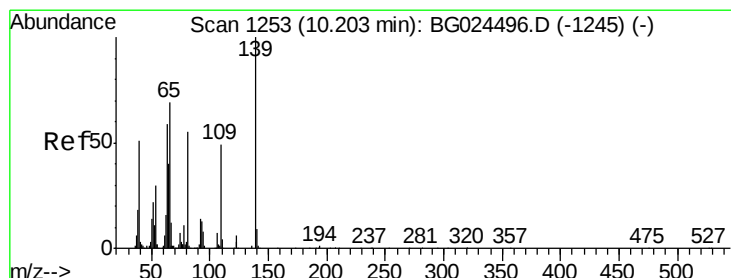
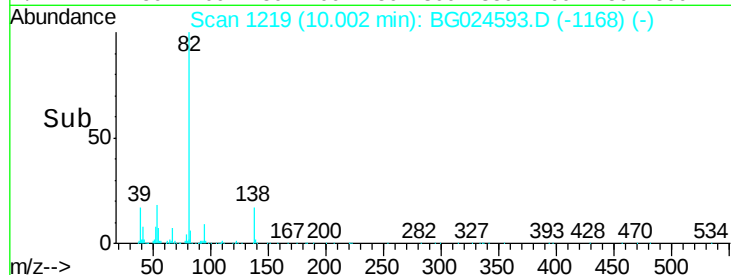
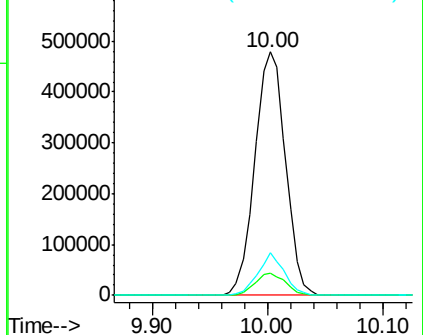
82 100

95 9.1 7.5 11.3

138 17.4 12.3 18.5



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



#26

2-Nitrophenol

Concen: 43.94 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

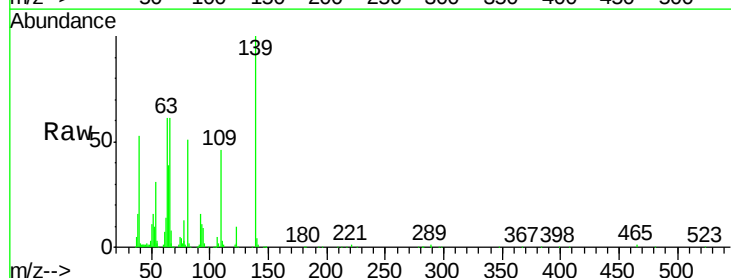
Tgt Ion: 139 Resp: 206022

Ion Ratio Lower Upper

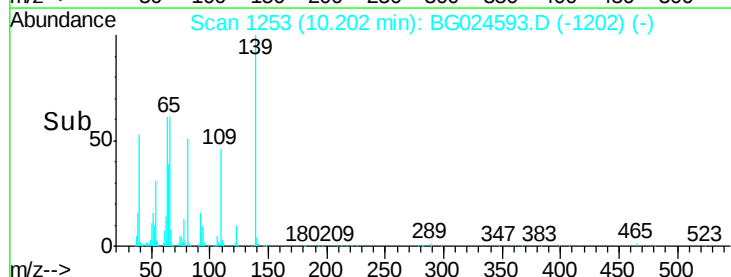
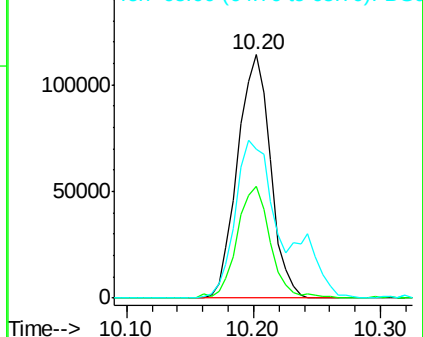
139 100

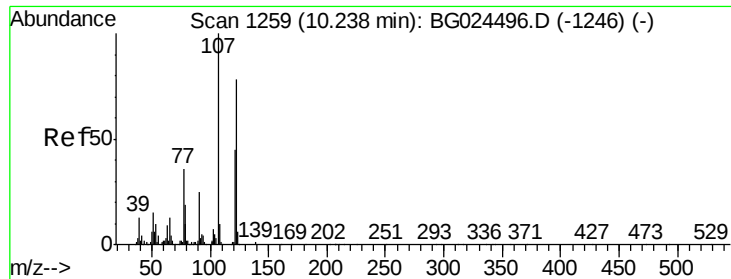
109 45.7 38.6 58.0

65 61.1 57.1 85.7



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

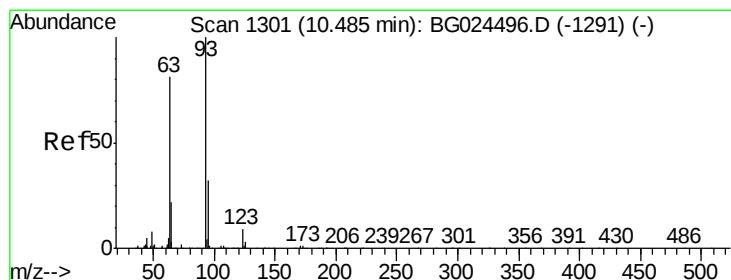
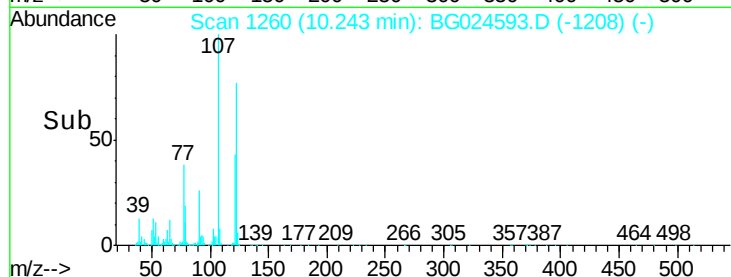
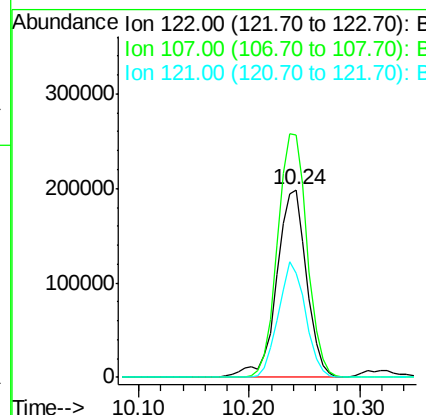
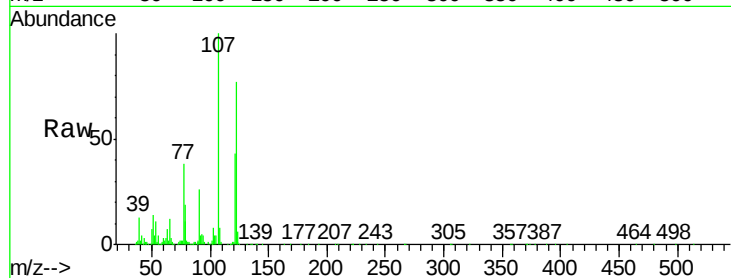




#27  
 2,4-Dimethylphenol  
 Concen: 45.38 ng  
 RT: 10.24 min Scan# 1260  
 Delta R.T. 0.01 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

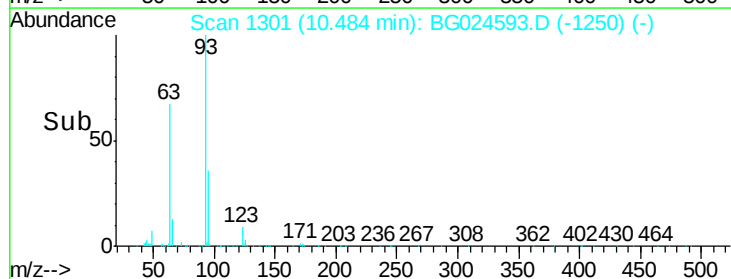
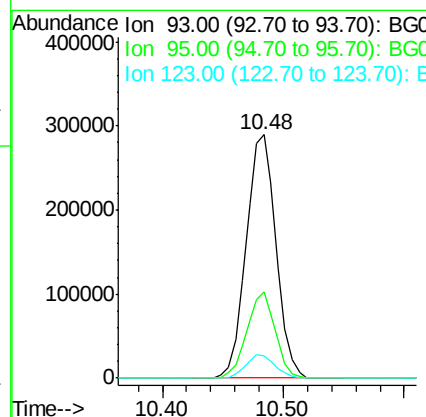
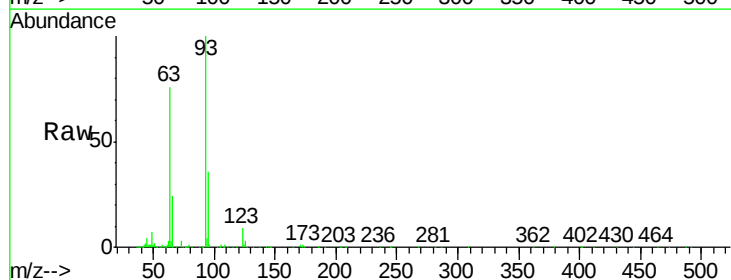
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SD-5MS

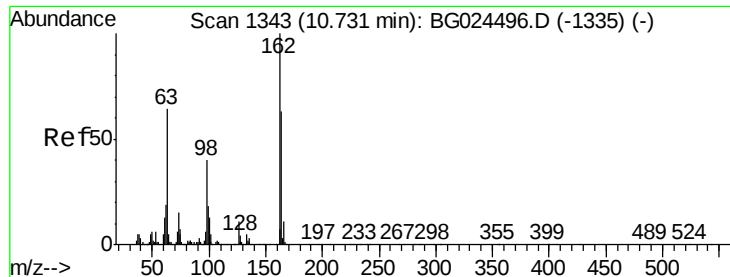
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 129.1 | 104.2 | 156.4 |
| 121     | 55.4  | 46.0  | 69.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.45 ng  
 RT: 10.48 min Scan# 1301  
 Delta R.T. -0.00 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 35.5  | 25.7  | 38.5  |
| 123     | 9.2   | 8.3   | 12.5  |





#29

2,4-Dichlorophenol

Concen: 44.79 ng

RT: 10.73 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

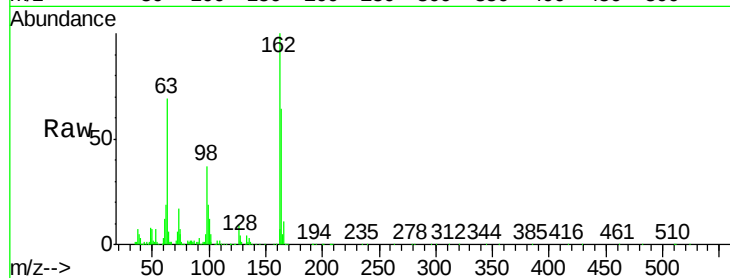
Tot Ion:162 Resp: 385901

Ion Ratio Lower Upper

162 100

164 63.8 42.4 82.4

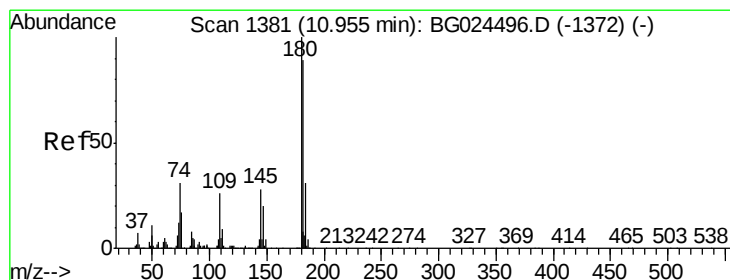
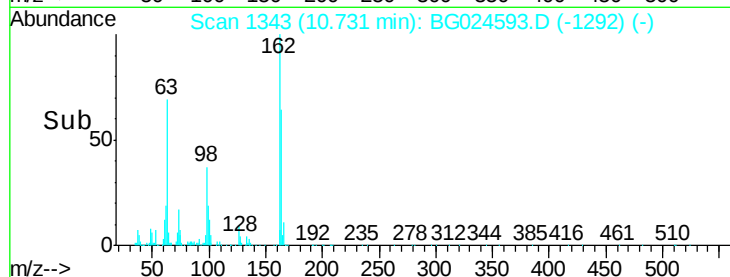
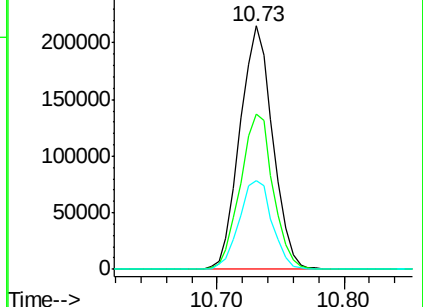
98 36.5 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.08 ng

RT: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

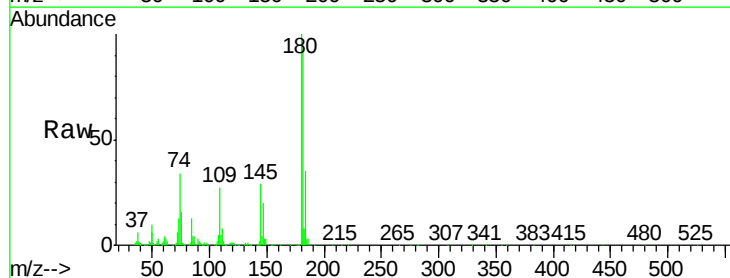
Tgt Ion:180 Resp: 419905

Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.4

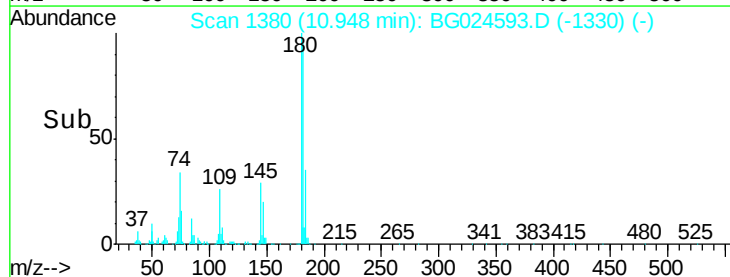
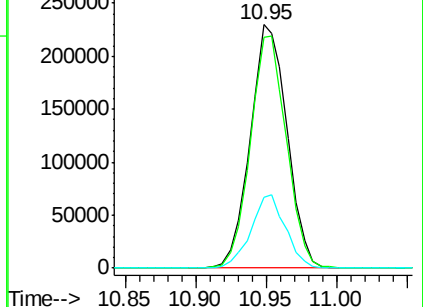
145 28.9 23.4 35.0

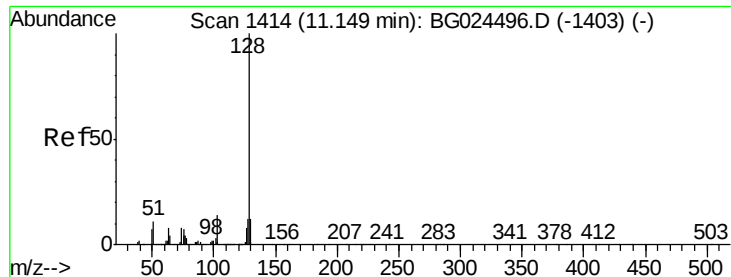


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

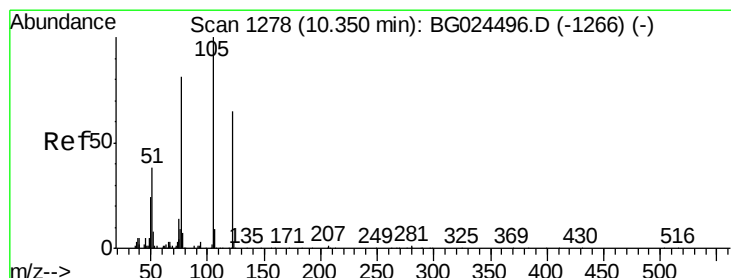
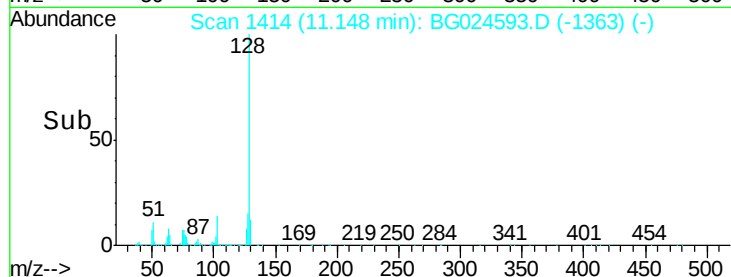
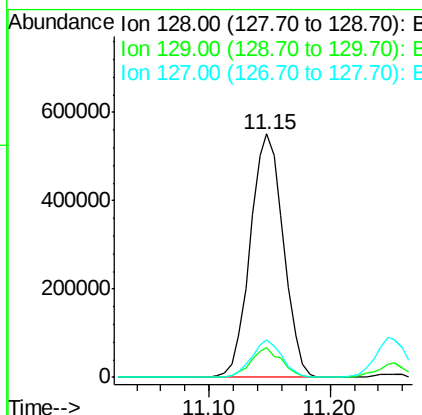
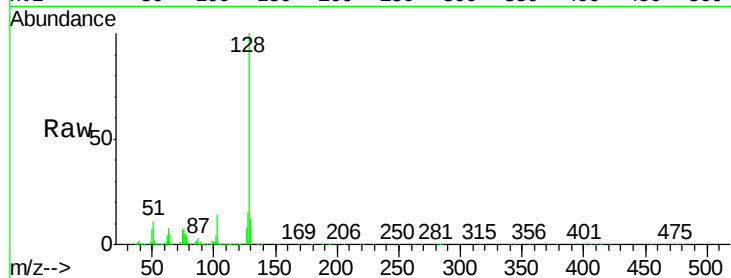




#31  
Naphthalene  
Concen: 40.69 ng  
RT: 11.15 min Scan# 1414  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

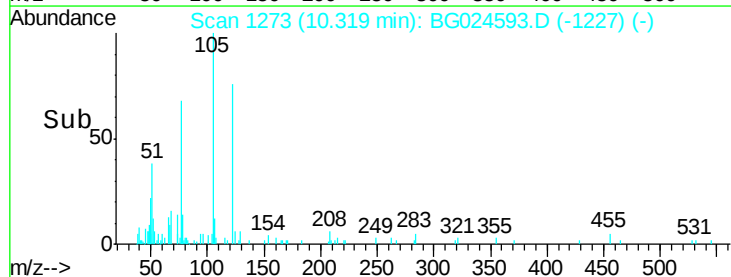
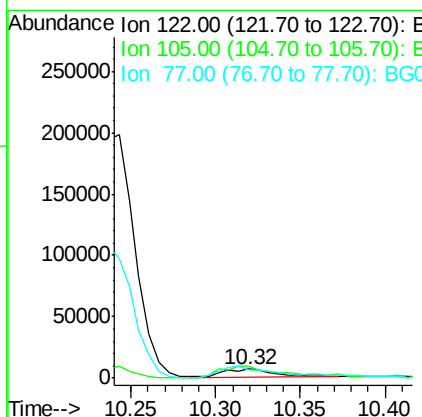
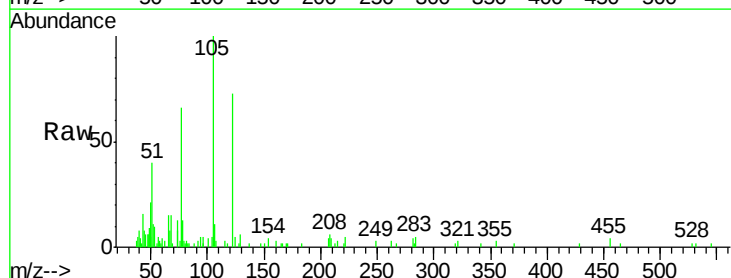
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

Tot Ion:128 Resp: 1049273  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.3 13.9  
127 15.3 11.4 17.0



#32  
Benzoic acid  
Concen: 2.14 ng  
RT: 10.32 min Scan# 1273  
Delta R.T. -0.03 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Tgt Ion:122 Resp: 14645  
Ion Ratio Lower Upper  
122 100  
105 137.5 120.1 160.1  
77 90.2 104.6 144.6#

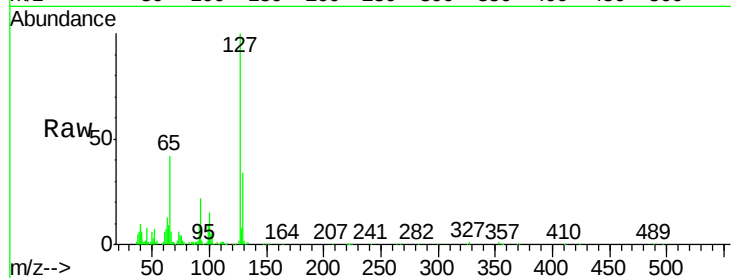




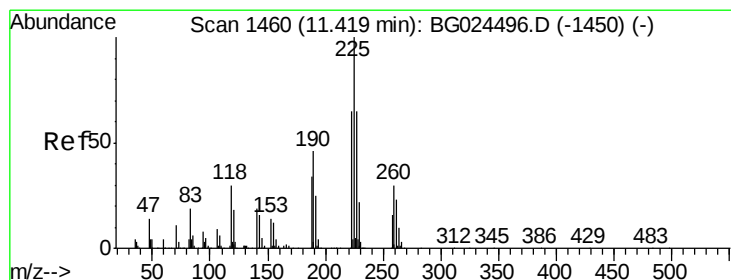
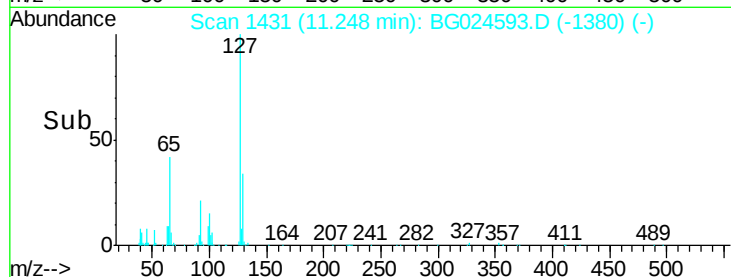
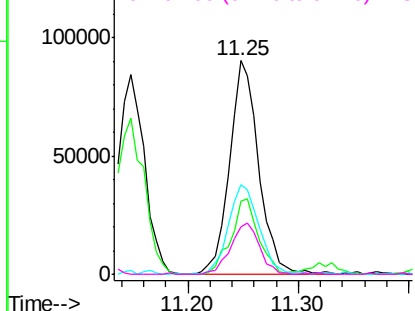
#33  
4-Chloroaniline  
Concen: 15.01 ng  
RT: 11.25 min Scan# 1431  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 168047 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.1  | 23.6  | 35.4   |
| 65       | 42.2  | 37.7  | 56.5   |
| 92       | 22.4  | 17.6  | 26.4   |

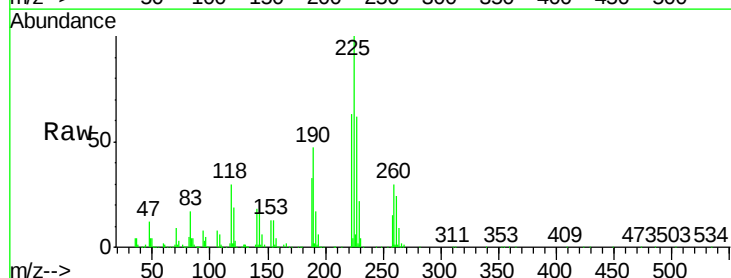


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

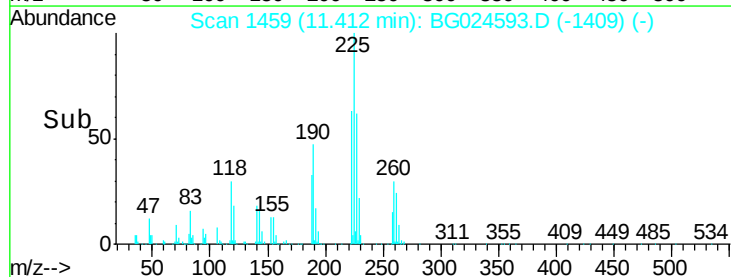
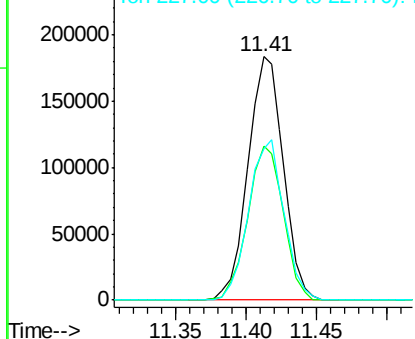


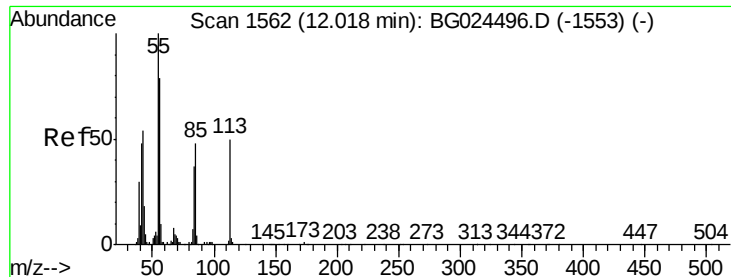
#34  
Hexachlorobutadiene  
Concen: 40.26 ng  
RT: 11.41 min Scan# 1459  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 322019 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 50.7  | 76.1   |
| 227      | 62.3  | 49.0  | 73.6   |



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

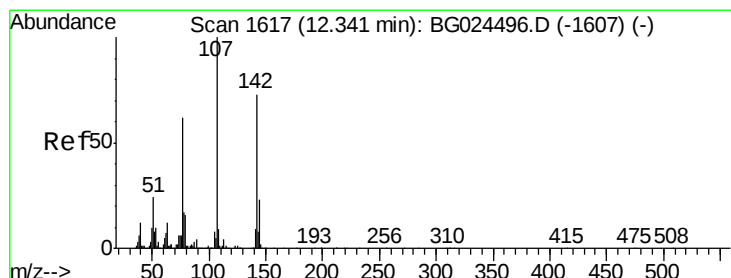
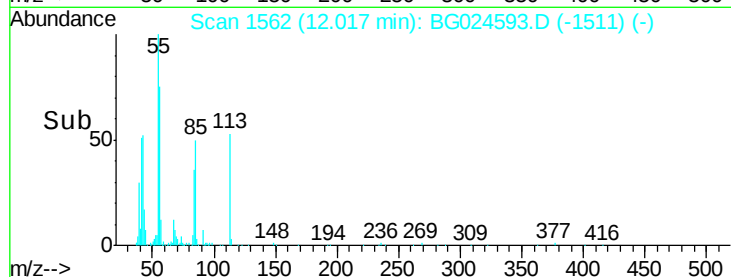
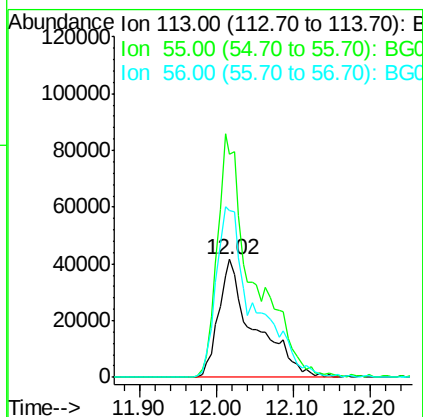
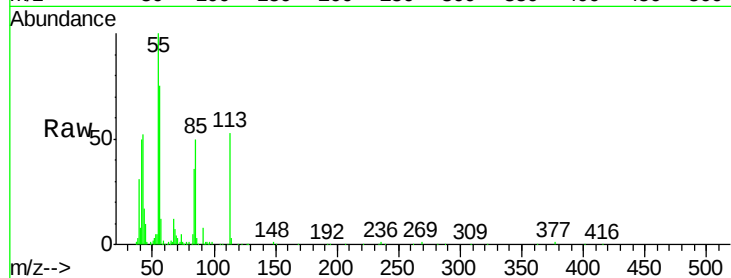




#35  
Caprolactam  
Concen: 42.45 ng  
RT: 12.02 min Scan# 1562  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

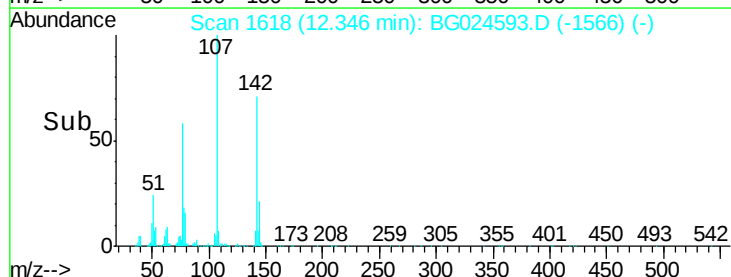
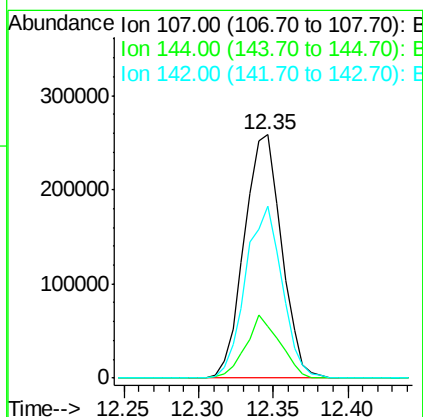
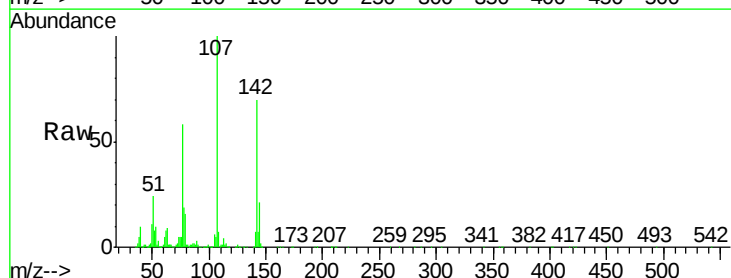
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

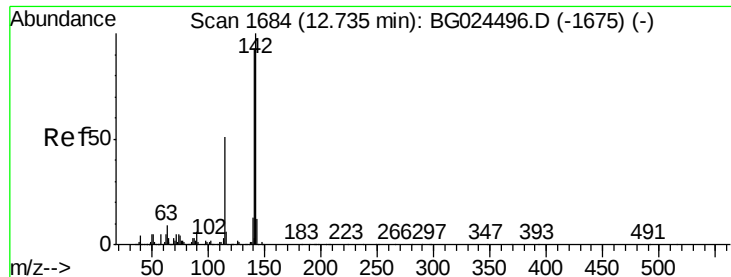
Tot Ion:113 Resp: 133891  
Ion Ratio Lower Upper  
113 100  
55 188.6 198.6 238.6#  
56 141.2 140.4 180.4



#36  
4-Chloro-3-methylphenol  
Concen: 43.00 ng  
RT: 12.35 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Tgt Ion:107 Resp: 447230  
Ion Ratio Lower Upper  
107 100  
144 21.4 17.4 26.0  
142 70.5 54.1 81.1

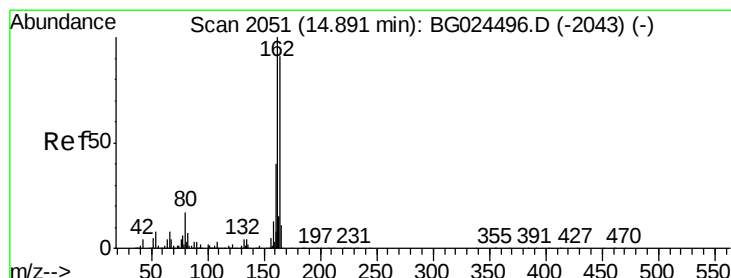
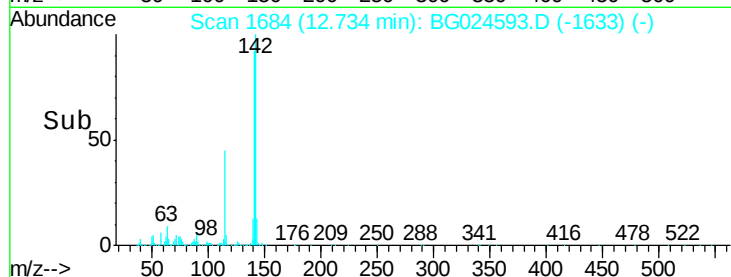
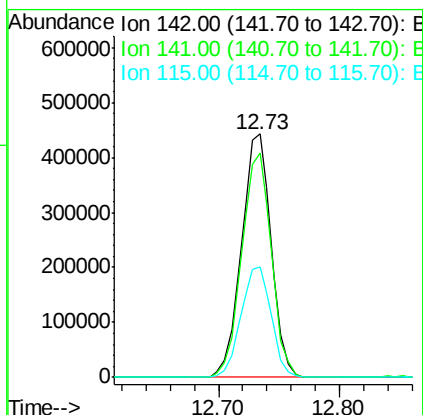
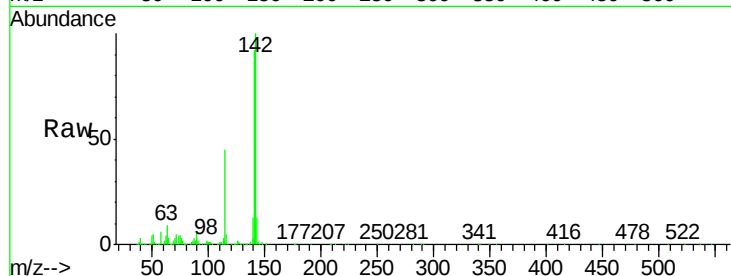




#37  
 2-Methylnaphthalene  
 Concen: 40.34 ng  
 RT: 12.73 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

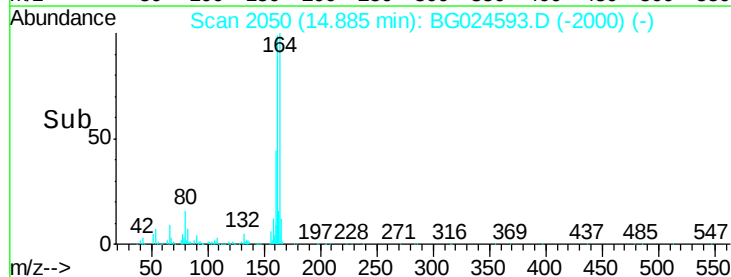
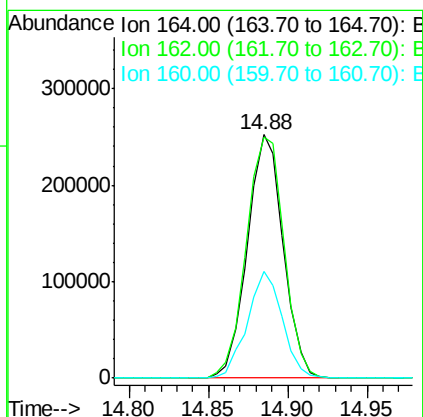
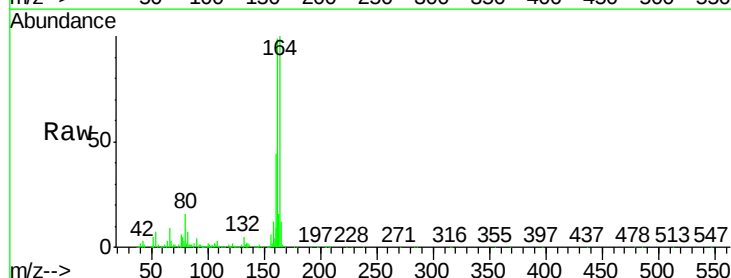
Instrument :  
 BNA\_G  
 ClientSampleID :  
 SD-5MS

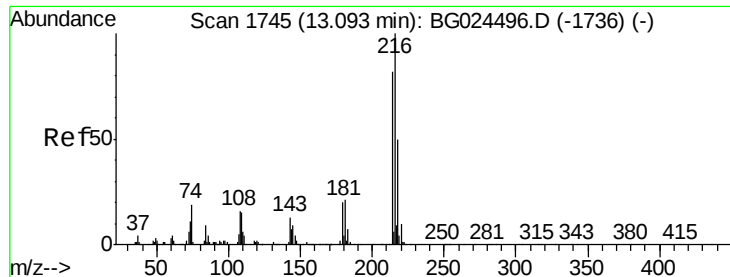
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 70.4  | 105.6 |
| 115     | 45.2  | 35.5  | 53.3  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.88 min Scan# 2050  
 Delta R.T. -0.01 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.3  | 85.1  | 127.7 |
| 160     | 43.7  | 34.7  | 52.1  |

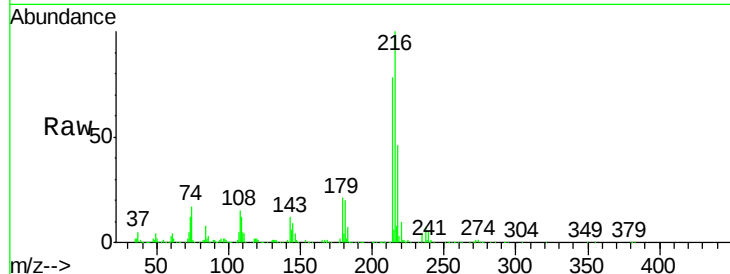




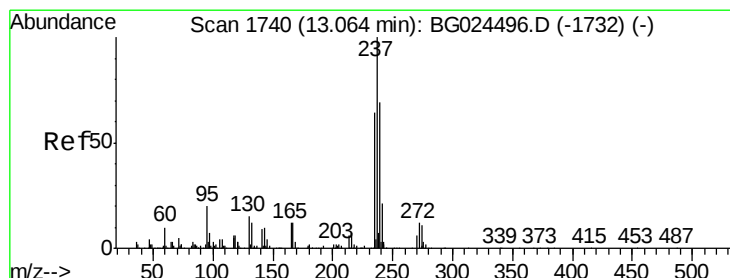
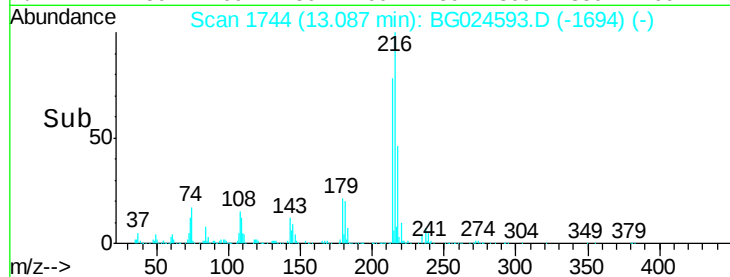
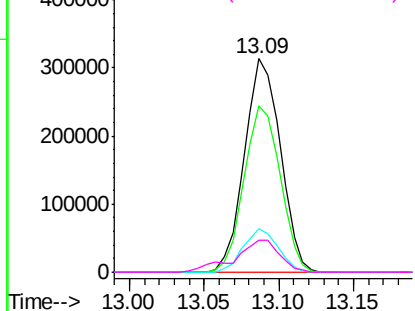
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.15 ng  
 RT: 13.09 min Scan# 1744  
 Delta R.T. -0.01 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SD-5MS

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:216 | Resp: | 522568      |
| Ion         | Ratio | Lower Upper |
| 216         | 100   |             |
| 214         | 78.3  | 64.4 96.6   |
| 179         | 19.9  | 17.4 26.0   |
| 108         | 19.0  | 15.6 23.4   |

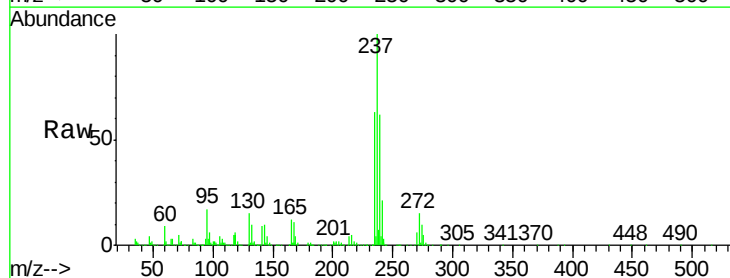


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

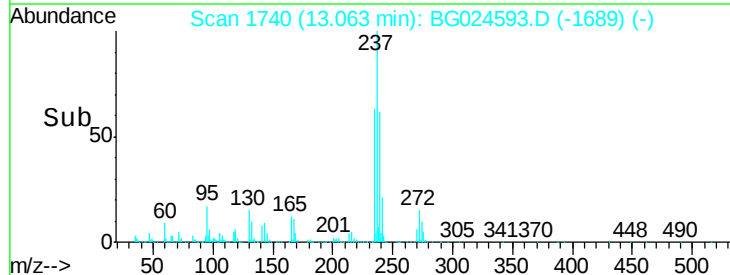
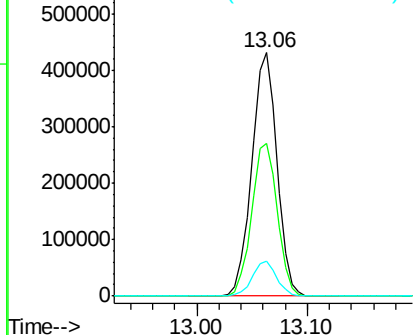


#40  
 Hexachlorocyclopentadiene  
 Concen: 91.48 ng  
 RT: 13.06 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:237 | Resp: | 687677      |
| Ion         | Ratio | Lower Upper |
| 237         | 100   |             |
| 235         | 62.9  | 39.4 79.4   |
| 272         | 14.6  | 0.0 32.0    |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E

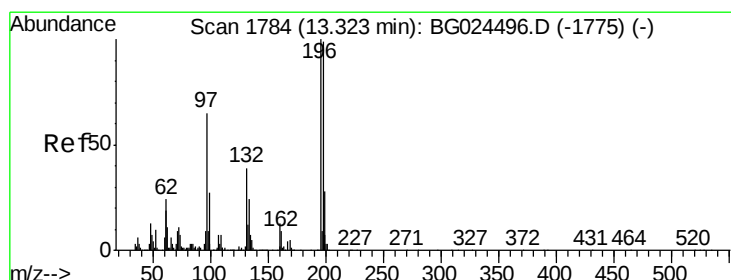
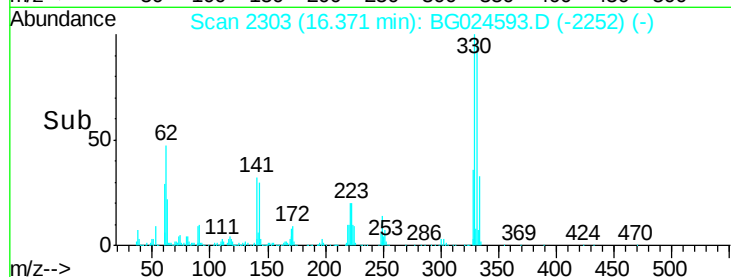
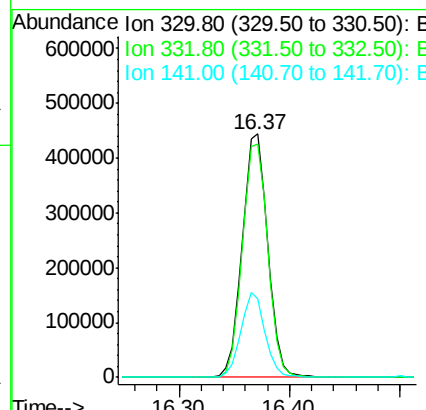
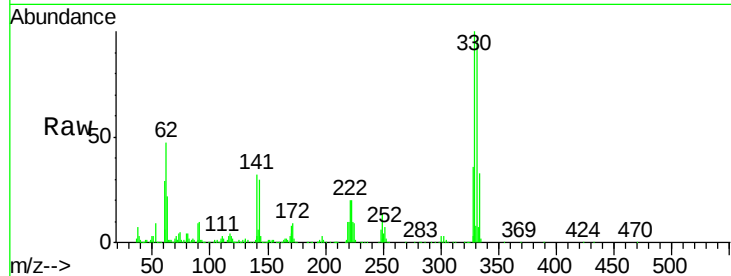




#41  
 2,4,6-Tribromophenol  
 Concen: 122.47 ng  
 RT: 16.37 min Scan# 2303  
 Delta R.T. -0.00 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

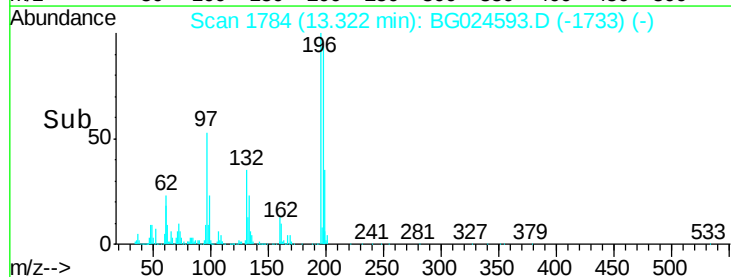
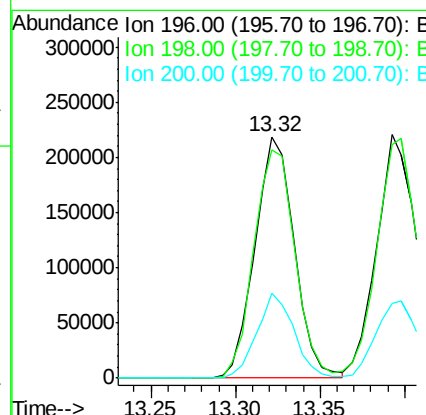
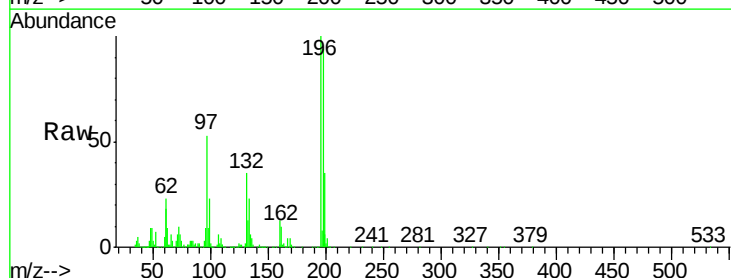
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SD-5MS

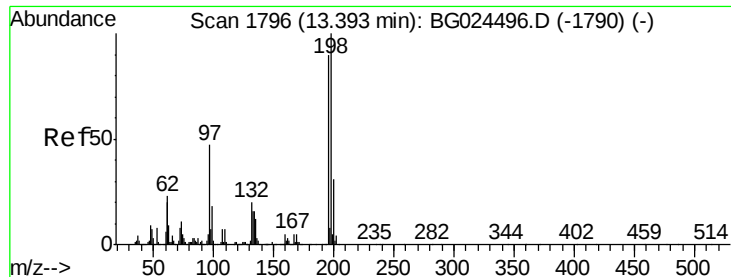
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.6  | 77.3  | 115.9 |
| 141     | 32.7  | 32.1  | 48.1  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 44.35 ng  
 RT: 13.32 min Scan# 1784  
 Delta R.T. -0.00 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.4  | 81.4  | 122.2 |
| 200     | 35.4  | 27.0  | 40.6  |

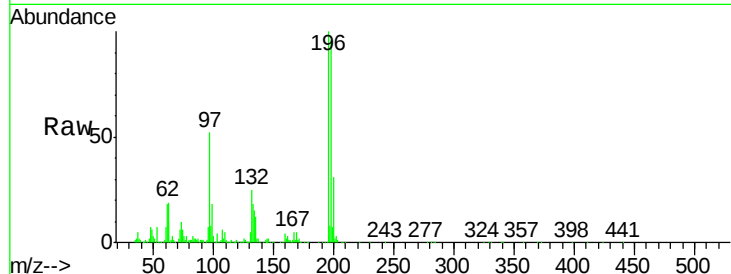




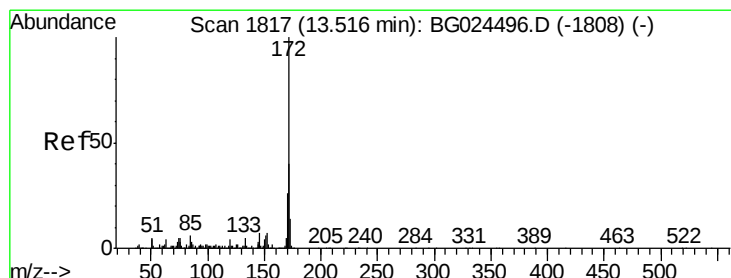
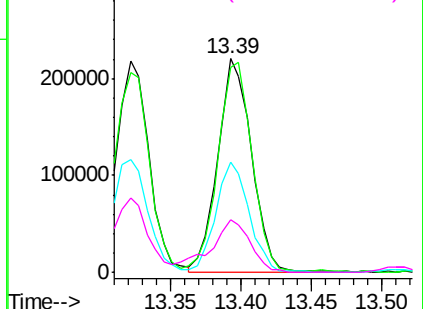
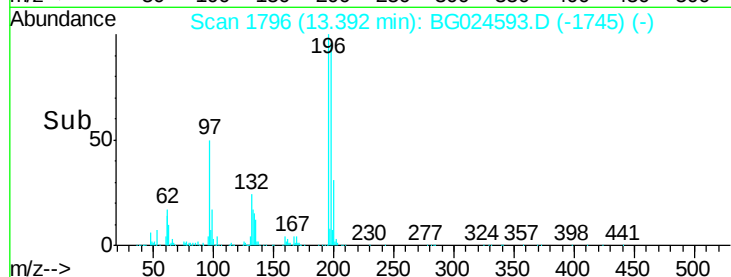
#43  
2,4,5-Trichlorophenol  
Concen: 42.27 ng  
RT: 13.39 min Scan# 1796  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.7  | 79.9  | 119.9 |
| 97      | 51.8  | 45.4  | 68.0  |
| 132     | 24.6  | 20.7  | 31.1  |

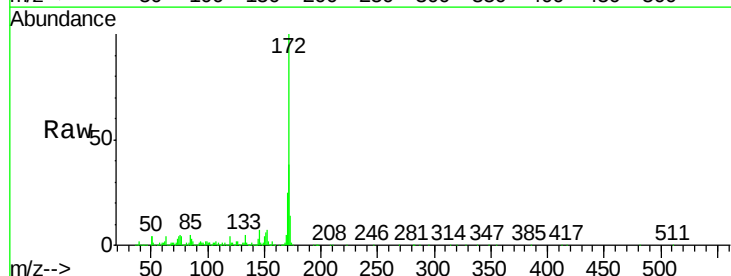


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BGC  
Ion 132.00 (131.70 to 132.70): E

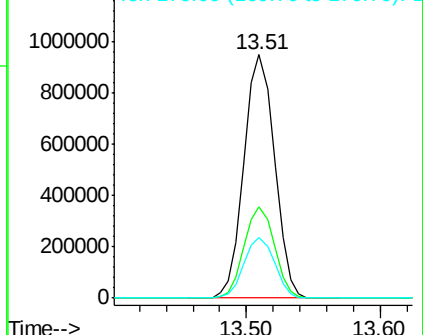
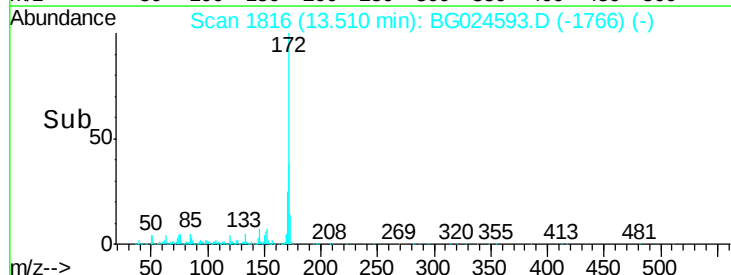


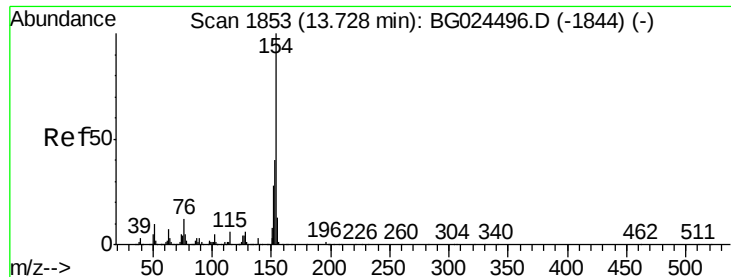
#44  
2-Fluorobiphenyl  
Concen: 63.13 ng  
RT: 13.51 min Scan# 1816  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.7  | 32.2  | 48.2  |
| 170     | 25.0  | 21.8  | 32.6  |



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





#45

1,1'-Biphenyl

Concen: 38.15 ng

RT: 13.72 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

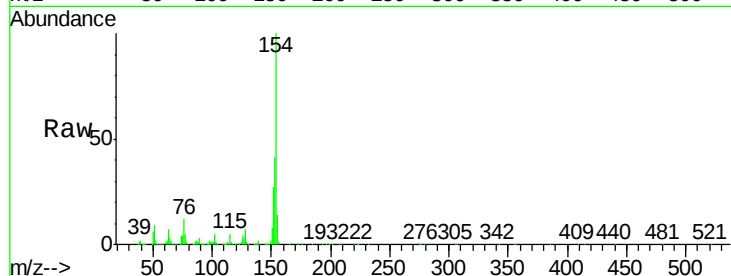
Tot Ion:154 Resp: 1047886

Ion Ratio Lower Upper

154 100

153 41.2 23.0 63.0

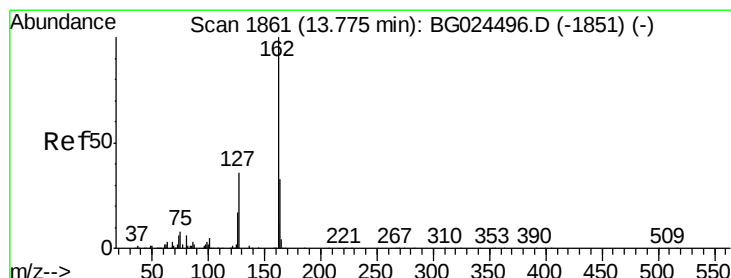
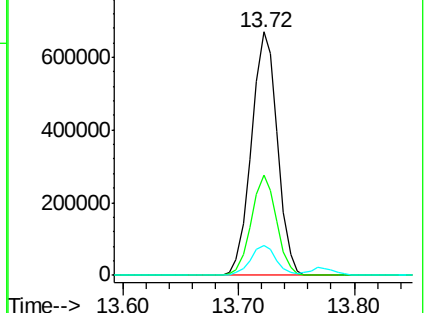
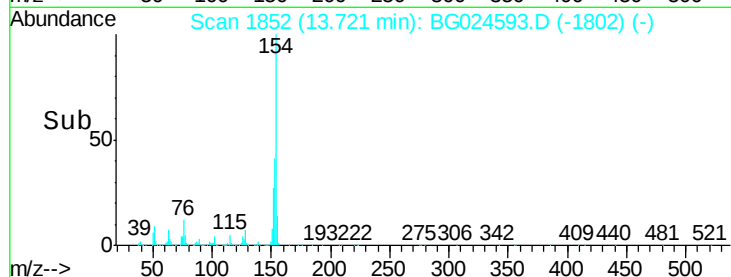
76 12.5 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.79 ng

RT: 13.77 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

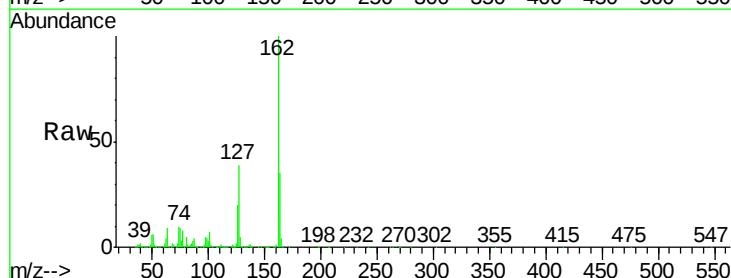
Tgt Ion:162 Resp: 853114

Ion Ratio Lower Upper

162 100

127 38.7 32.2 48.4

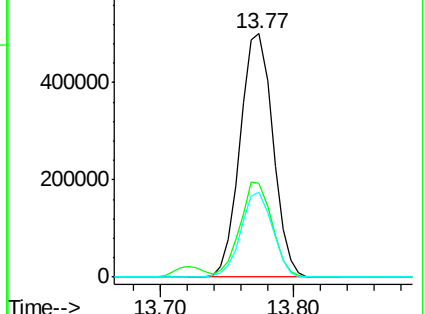
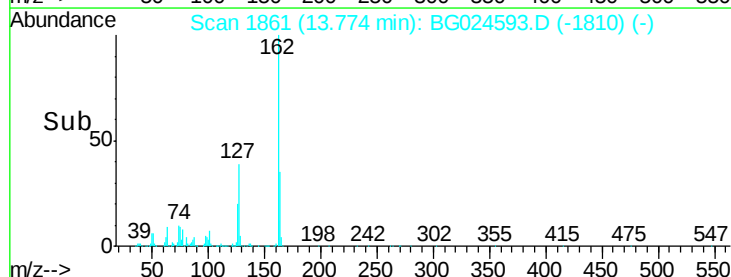
164 34.7 27.3 40.9



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

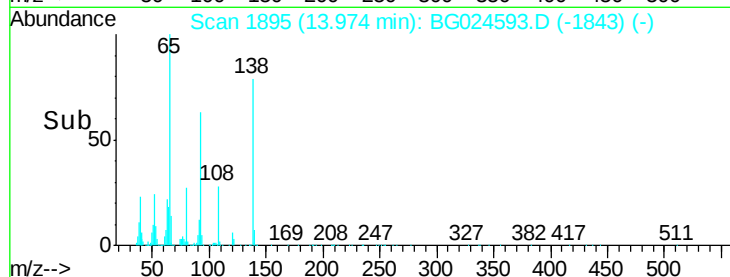
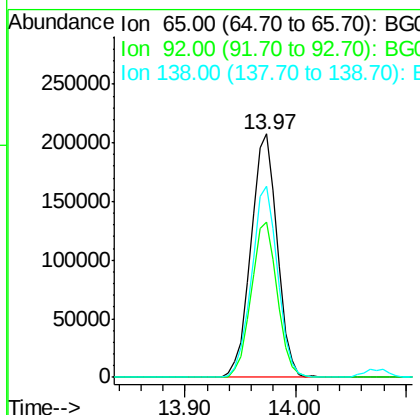
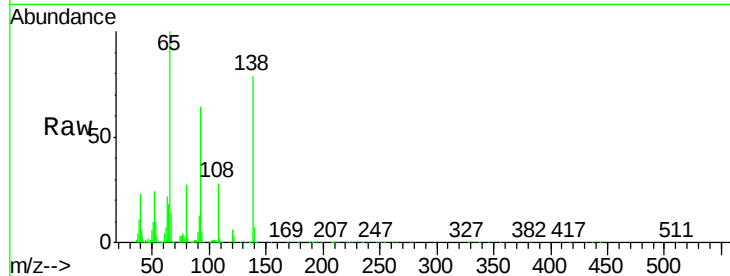




#47  
2-Nitroaniline  
Concen: 40.54 ng  
RT: 13.97 min Scan# 1895  
Delta R.T. 0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

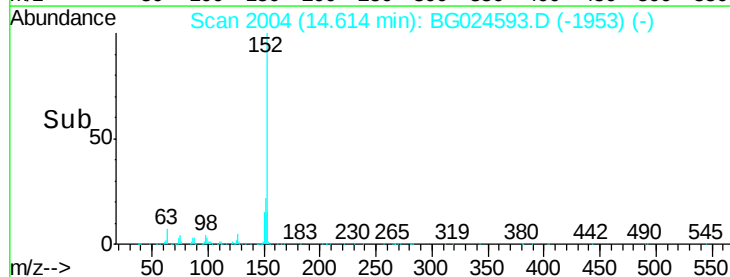
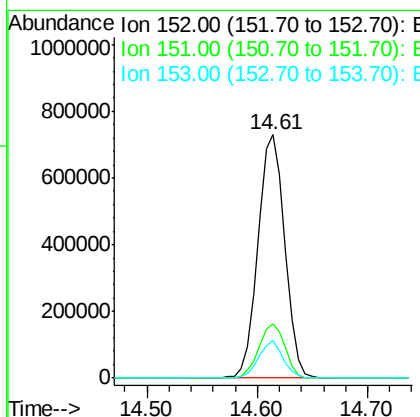
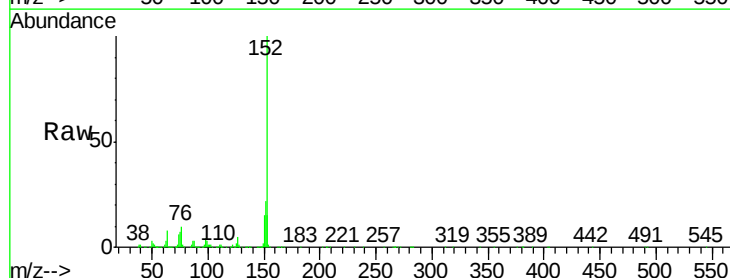
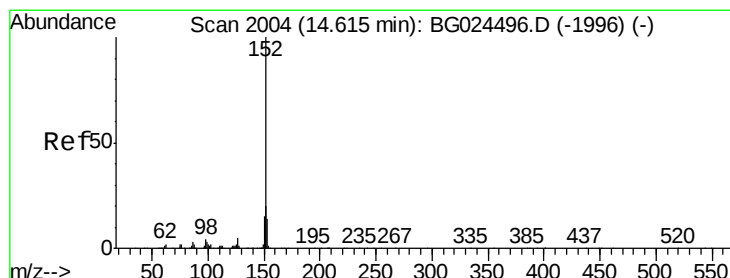
Instrument :  
BNA\_G  
ClientSampled :  
SD-5MS

Tot Ion: 65 Resp: 347147  
Ion Ratio Lower Upper  
65 100  
92 63.7 49.0 73.4  
138 78.5 58.6 87.8



#48  
Acenaphthylene  
Concen: 38.74 ng  
RT: 14.61 min Scan# 2004  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Tgt Ion: 152 Resp: 1242321  
Ion Ratio Lower Upper  
152 100  
151 22.3 18.2 27.2  
153 15.2 11.3 16.9





#49

Dimethylphthalate

Concen: 56.81 ng

RT: 14.33 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleID :

SD-5MS

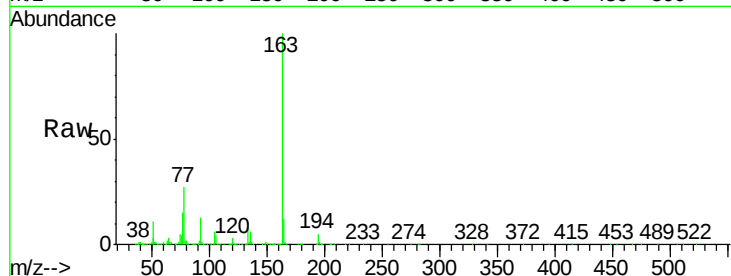
Tot Ion:163 Resp: 1596188

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

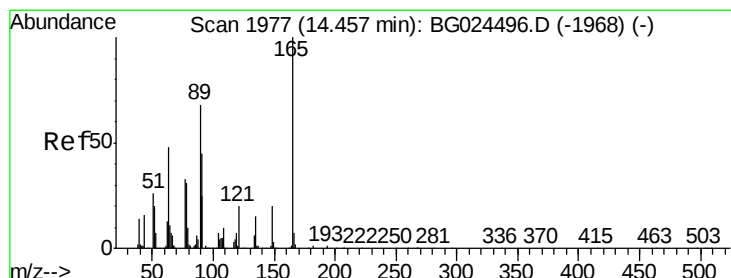
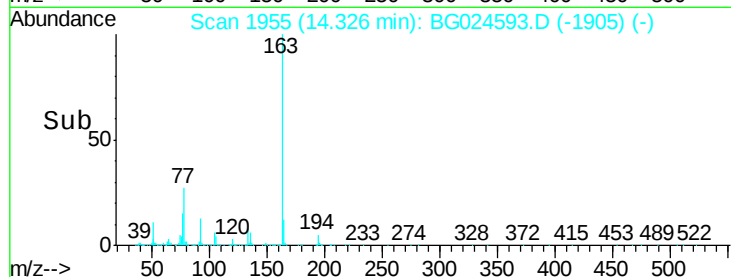
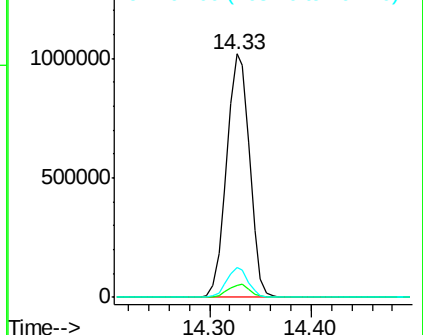
164 12.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.96 ng

RT: 14.46 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

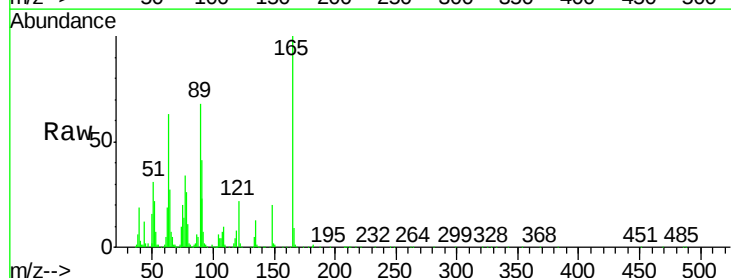
Tgt Ion:165 Resp: 257663

Ion Ratio Lower Upper

165 100

63 62.8 63.9 95.9#

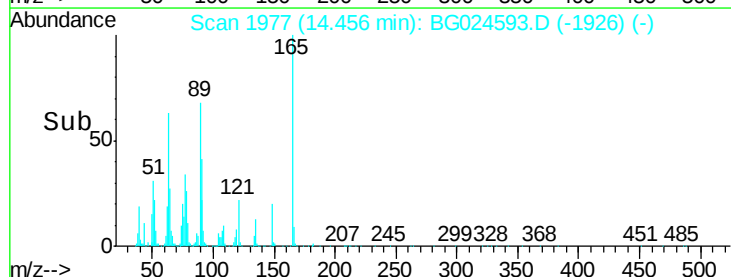
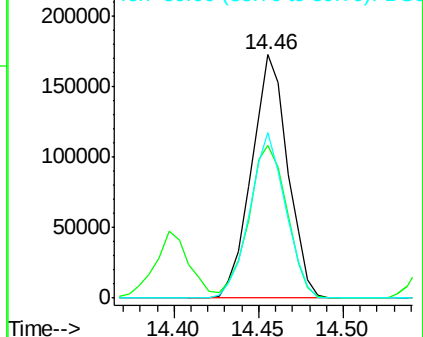
89 67.8 58.6 88.0

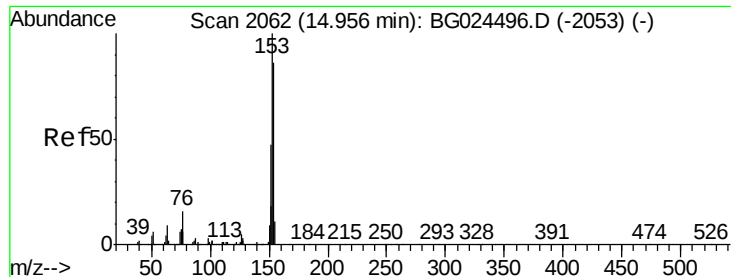


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.95 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

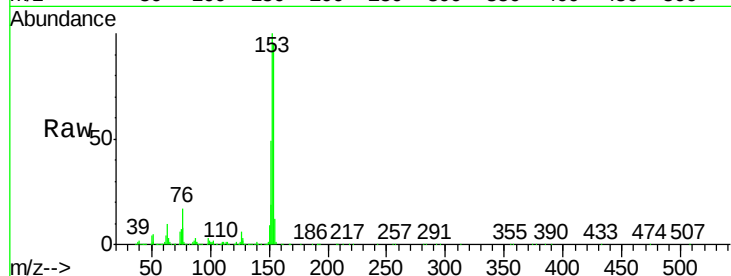
Tot Ion:154 Resp: 883393

Ion Ratio Lower Upper

154 100

153 105.2 87.8 131.6

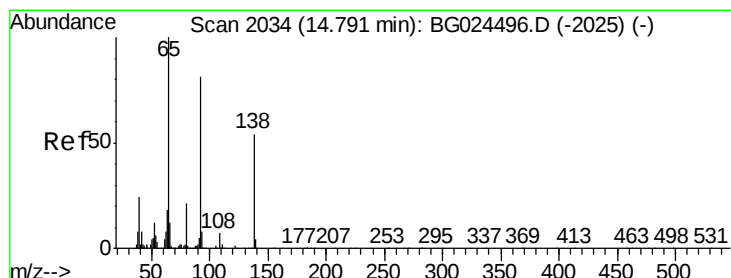
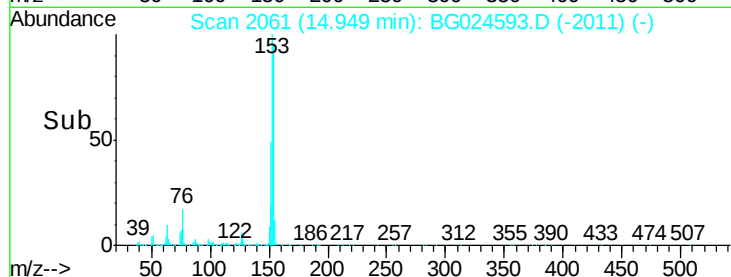
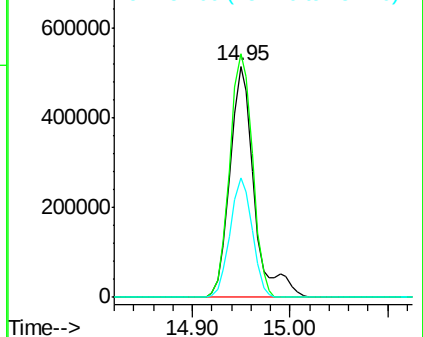
152 51.6 42.2 63.4



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



#52

3-Nitroaniline

Concen: 24.58 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

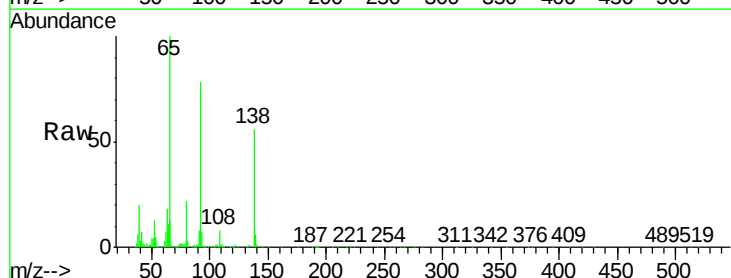
Tgt Ion:138 Resp: 152591

Ion Ratio Lower Upper

138 100

108 14.3 10.9 16.3

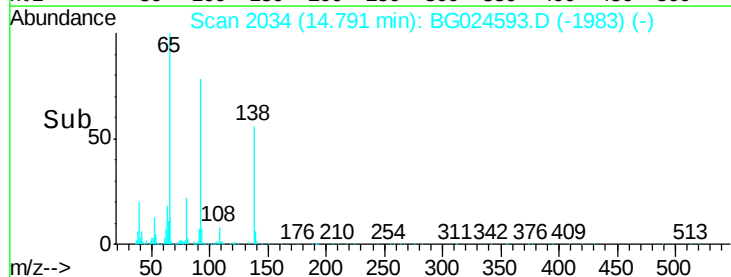
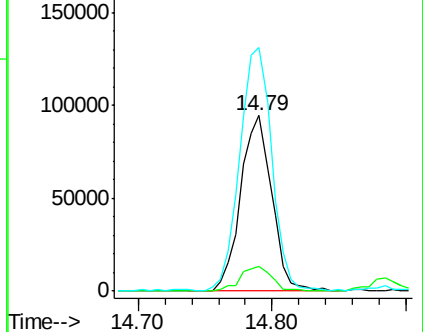
92 138.6 115.3 172.9

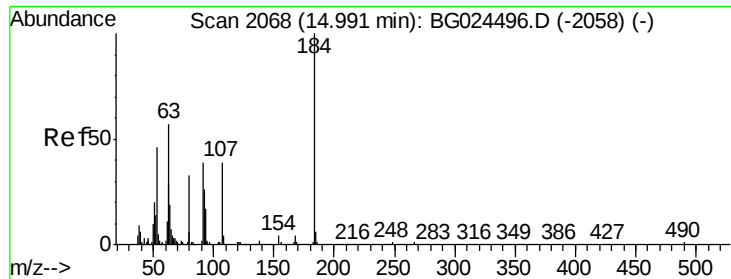


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

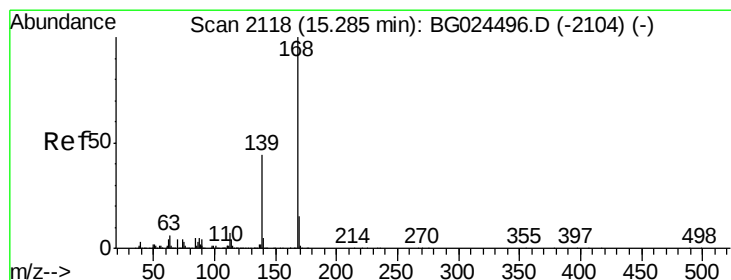
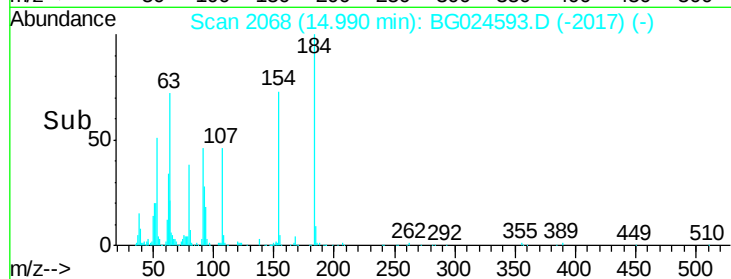
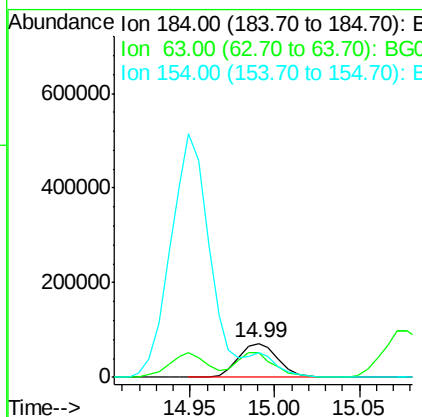
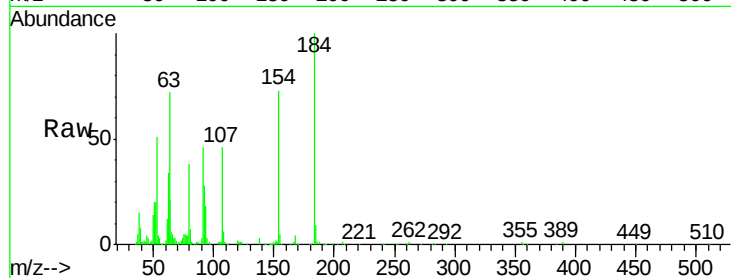




#53  
2,4-Dinitrophenol  
Concen: 27.06 ng  
RT: 14.99 min Scan# 2068  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

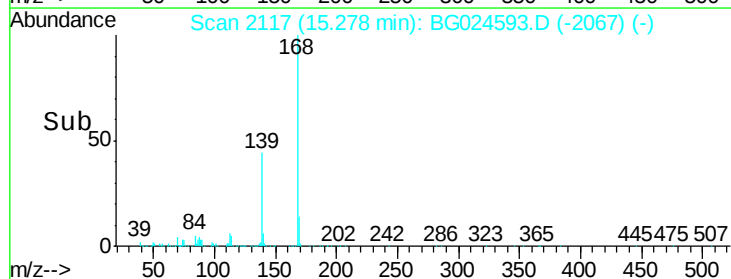
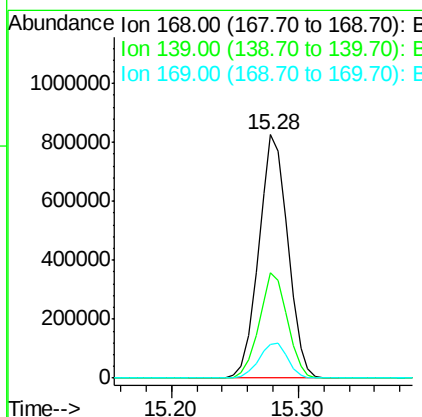
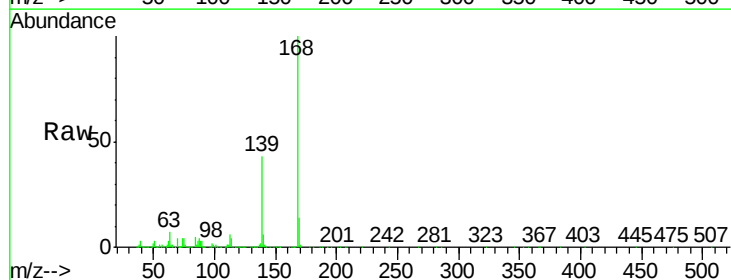
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

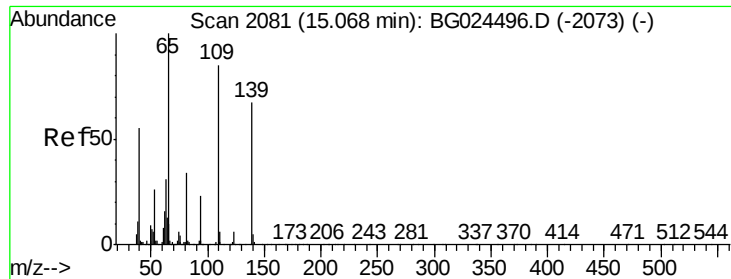
Tot Ion:184 Resp: 117609  
Ion Ratio Lower Upper  
184 100  
63 72.0 52.7 79.1  
154 72.6 57.3 85.9



#54  
Dibenzofuran  
Concen: 39.87 ng  
RT: 15.28 min Scan# 2117  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Tgt Ion:168 Resp: 1317744  
Ion Ratio Lower Upper  
168 100  
139 43.5 35.3 52.9  
169 13.7 11.5 17.3

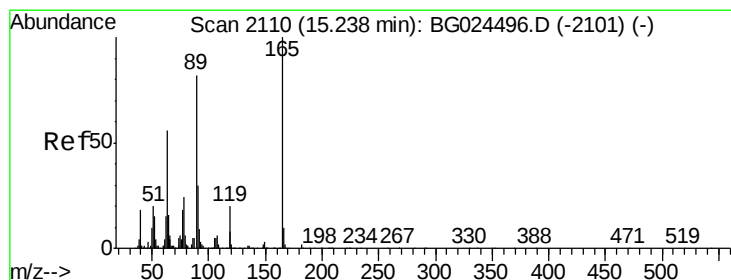
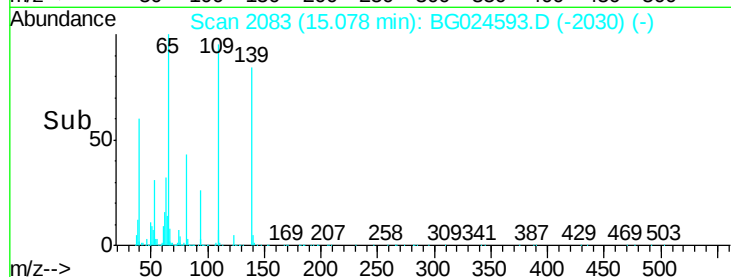
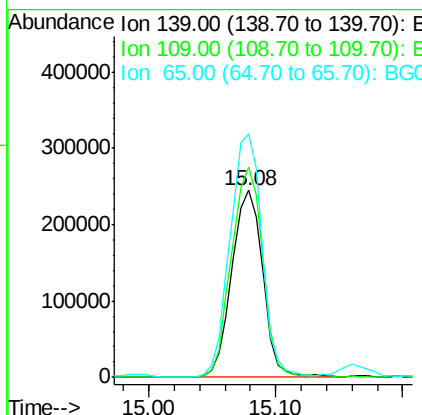
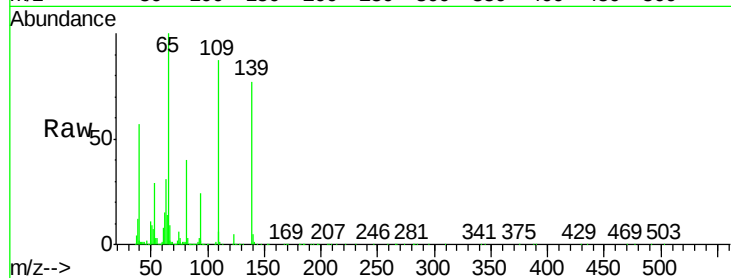




#55  
4-Nitrophenol  
Concen: 76.77 ng  
RT: 15.08 min Scan# 2083  
Delta R.T. 0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

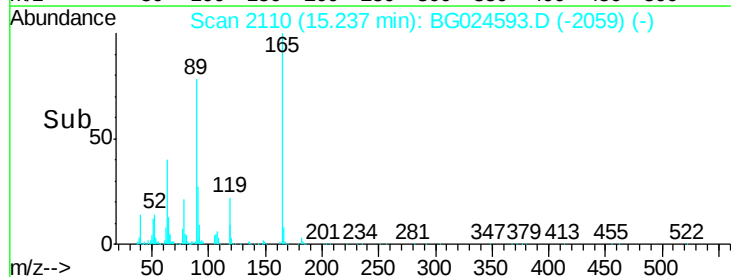
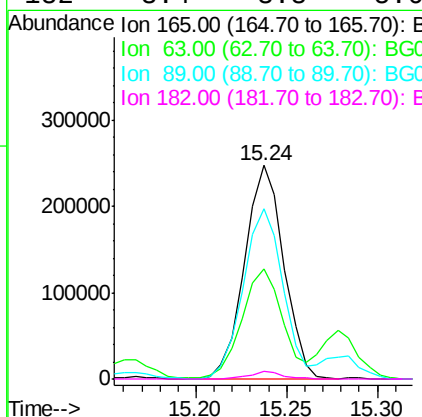
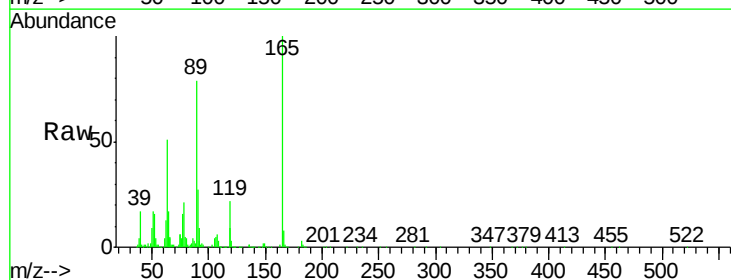
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

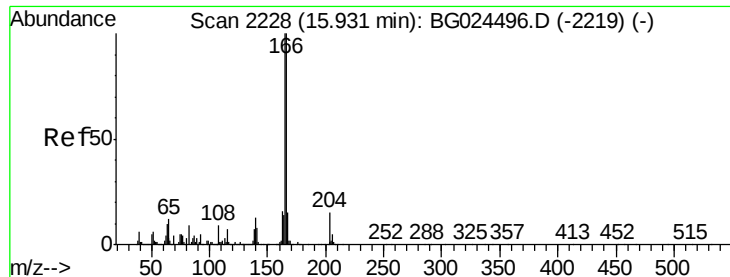
Tot Ion:139 Resp: 415171  
Ion Ratio Lower Upper  
139 100  
109 112.7 101.2 141.2  
65 130.0 135.3 175.3#



#56  
2,4-Dinitrotoluene  
Concen: 42.52 ng  
RT: 15.24 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Tgt Ion:165 Resp: 370626  
Ion Ratio Lower Upper  
165 100  
63 51.4 44.0 66.0  
89 79.5 67.3 100.9  
182 3.4 3.8 5.6#





#57

Fluorene

Concen: 39.18 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

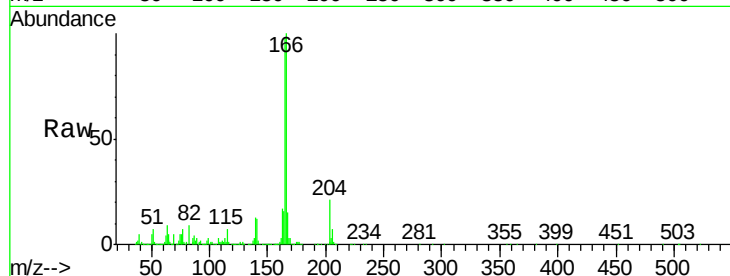
Tot Ion:166 Resp: 1073843

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

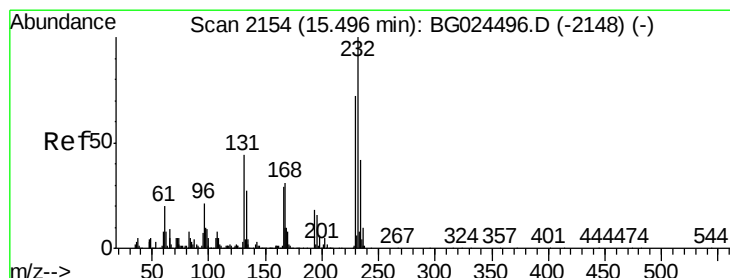
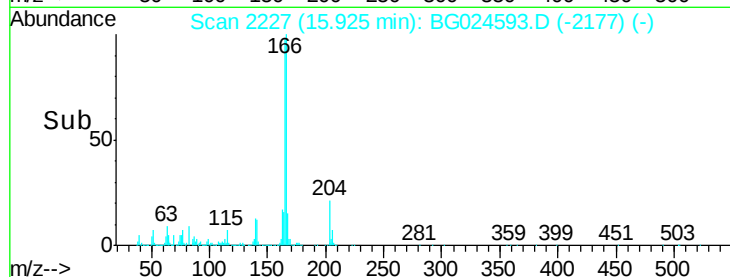
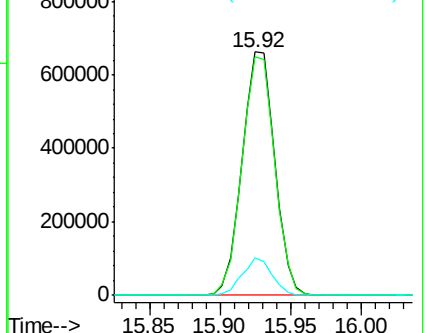
167 15.3 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.75 ng

RT: 15.50 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Tgt Ion:232 Resp: 393481

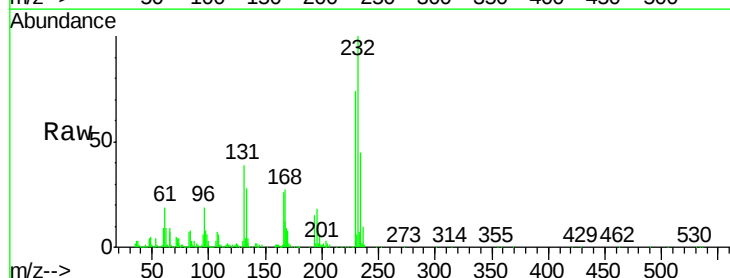
Ion Ratio Lower Upper

232 100

131 38.2 34.9 52.3

130 2.5 2.3 3.5

166 26.1 24.2 36.4

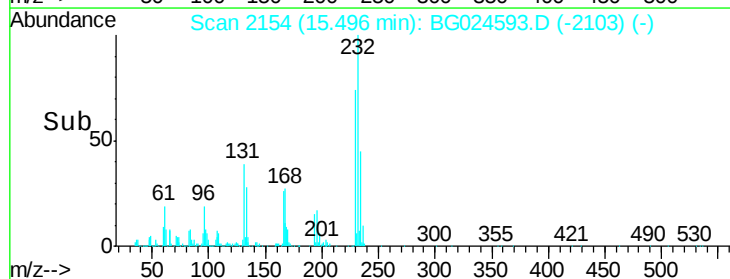
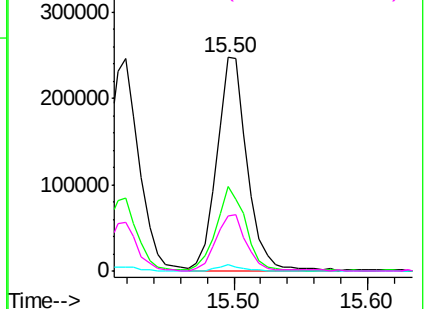


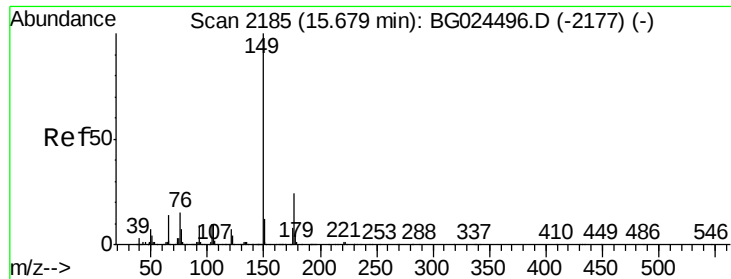
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.94 ng

RT: 15.68 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

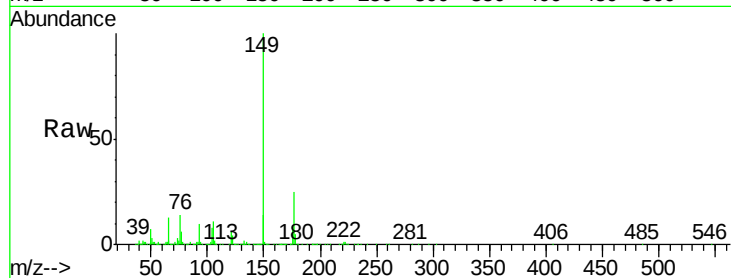
BNA\_G

ClientSampleId :

SD-5MS

Tot Ion:149 Resp: 1147183

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 25.2  | 20.1  | 30.1  |
| 150 | 13.7  | 10.2  | 15.2  |

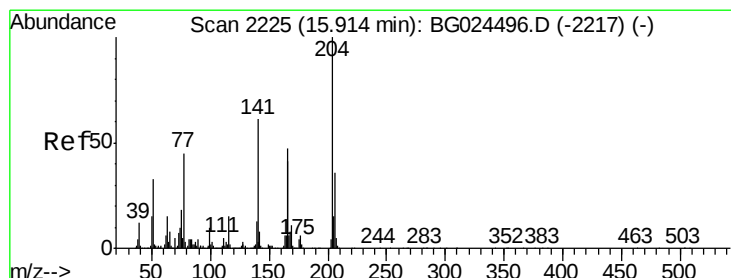
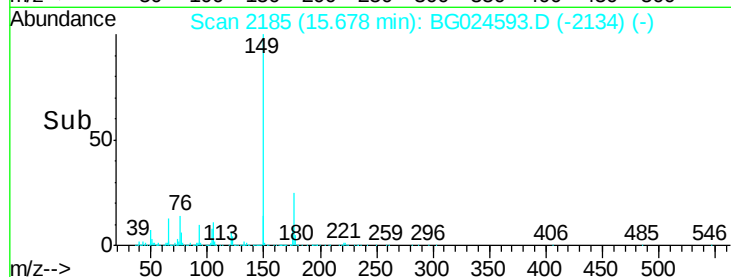
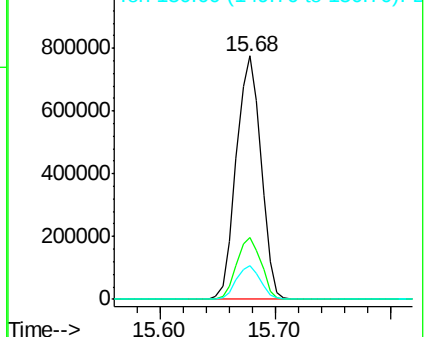


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.65 ng

RT: 15.91 min Scan# 2225

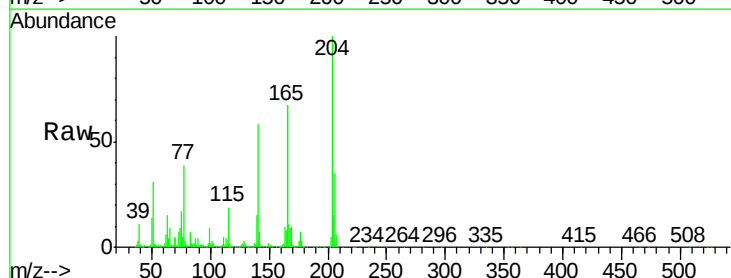
Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Tgt Ion:204 Resp: 609886

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 34.9  | 30.1  | 45.1  |
| 141 | 57.8  | 50.6  | 76.0  |

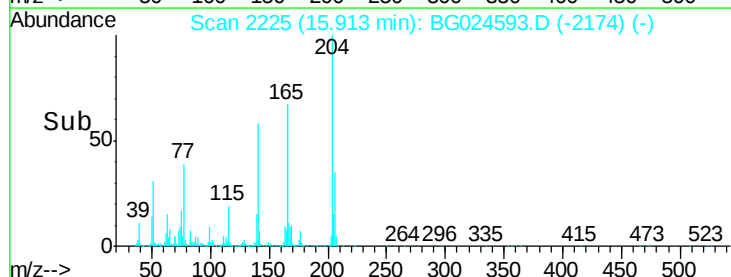
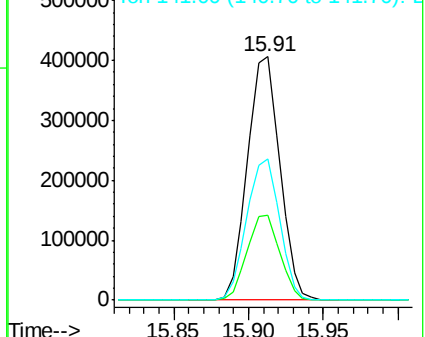


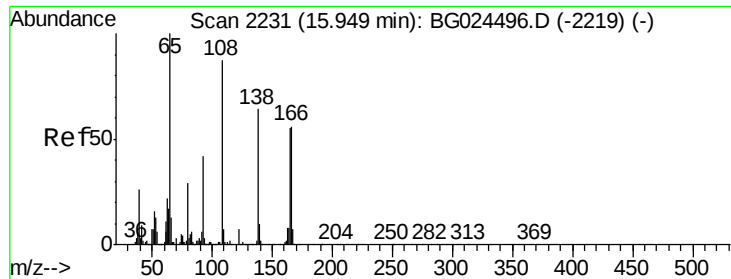
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.35 ng

RT: 15.95 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

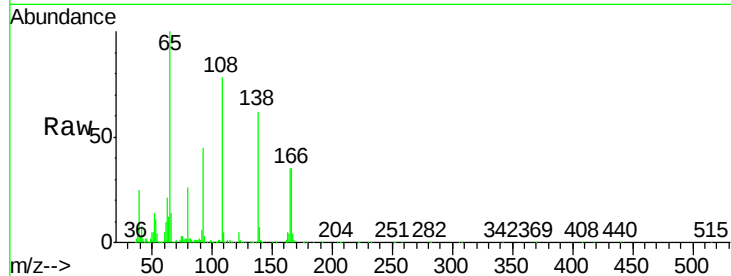
Tot Ion:138 Resp: 253277

Ion Ratio Lower Upper

138 100

92 72.6 44.2 84.2

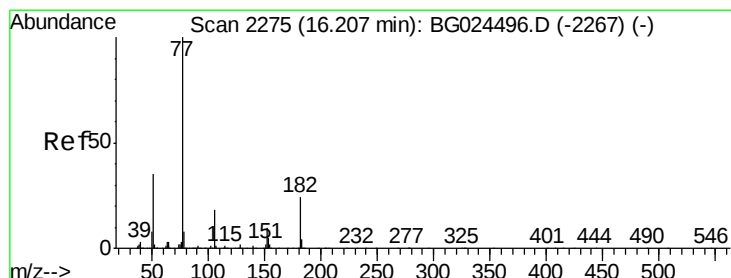
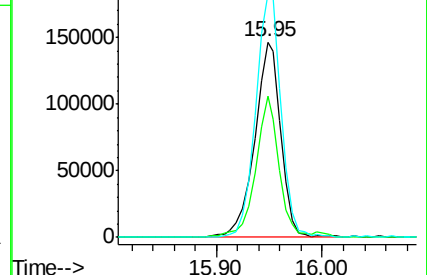
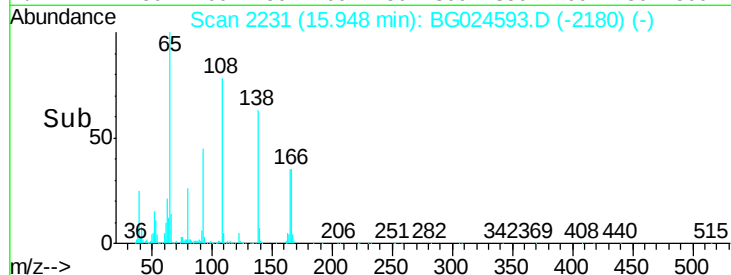
108 124.8 104.8 144.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.88 ng

RT: 16.21 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Tgt Ion: 77 Resp: 1171605

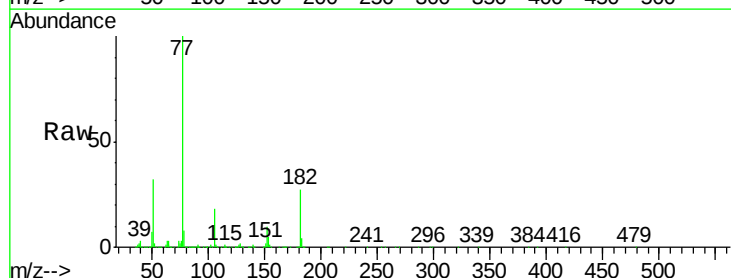
Ion Ratio Lower Upper

77 100

182 26.6 4.7 44.7

105 17.7 0.0 36.3

51 32.5 16.4 56.4

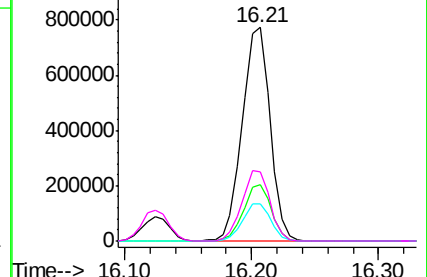
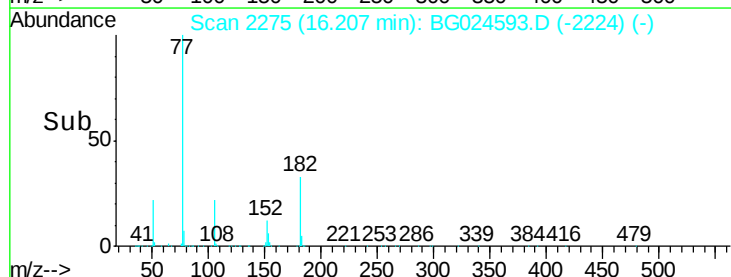


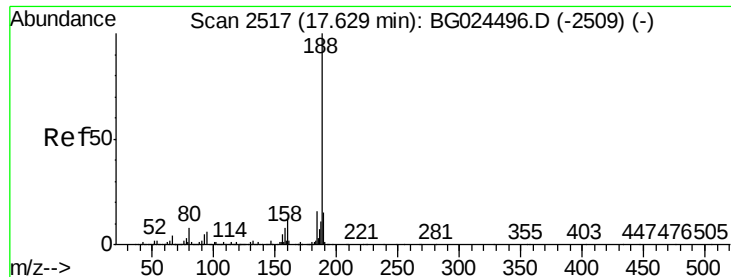
Abundance Ion 77.00 (76.70 to 77.70): BGC

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): BGC

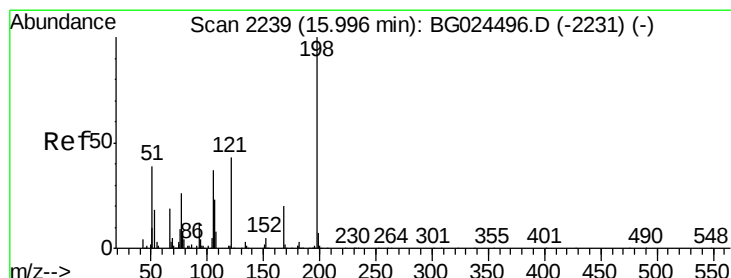
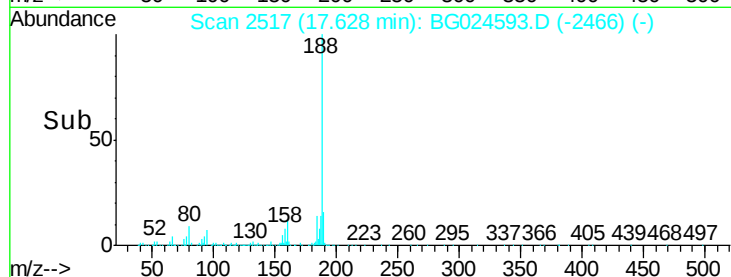
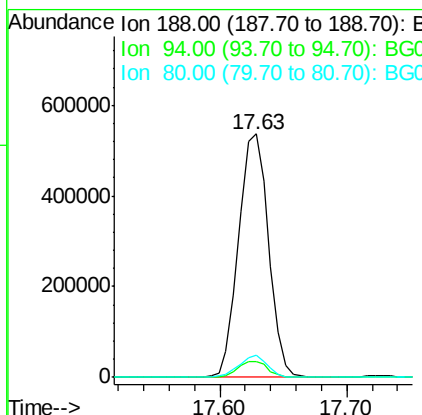
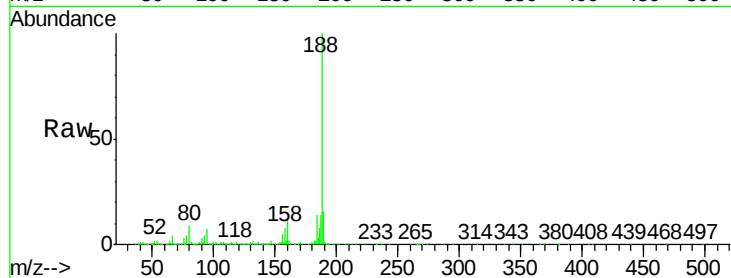




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.63 min Scan# 2517  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

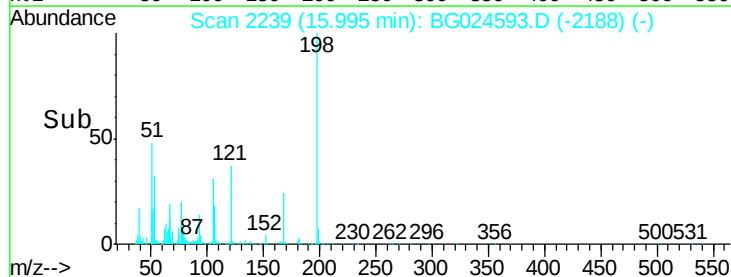
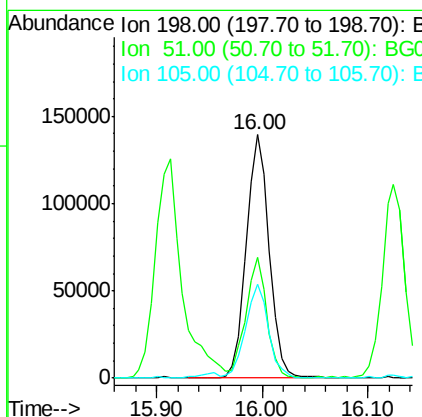
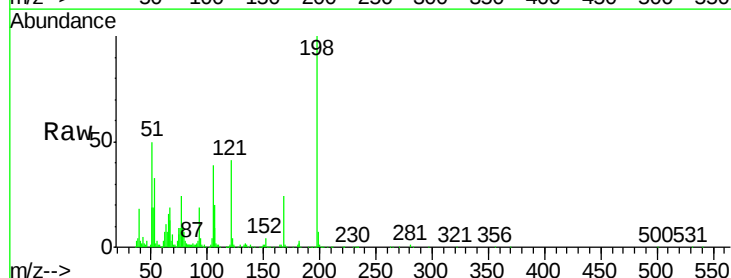
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

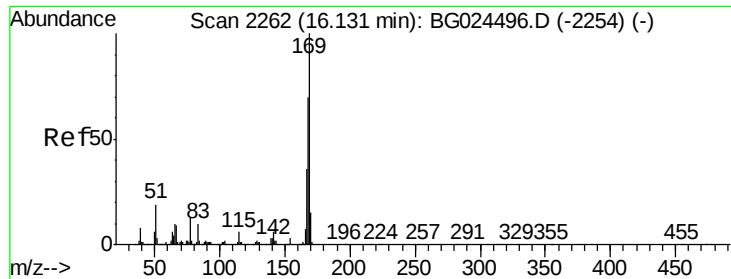
Tot Ion:188 Resp: 877983  
Ion Ratio Lower Upper  
188 100  
94 6.6 5.8 8.8  
80 9.1 7.5 11.3



#64  
4,6-Dinitro-2-methylphenol  
Concen: 34.74 ng  
RT: 16.00 min Scan# 2239  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Tgt Ion:198 Resp: 210157  
Ion Ratio Lower Upper  
198 100  
51 49.8 22.6 62.6  
105 38.7 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 42.11 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

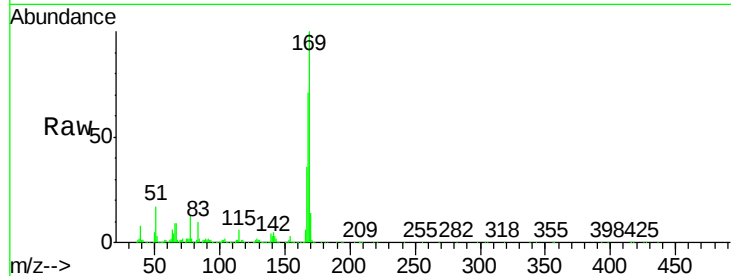
Tot Ion:169 Resp: 1010773

Ion Ratio Lower Upper

169 100

168 71.0 55.7 83.5

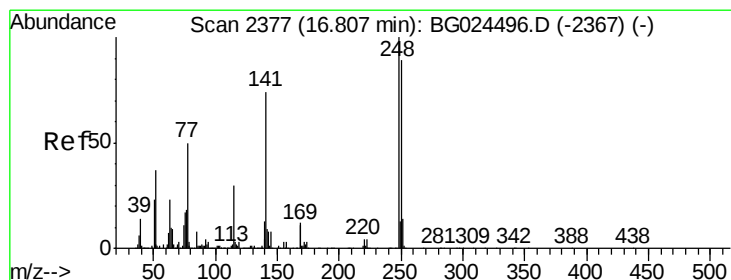
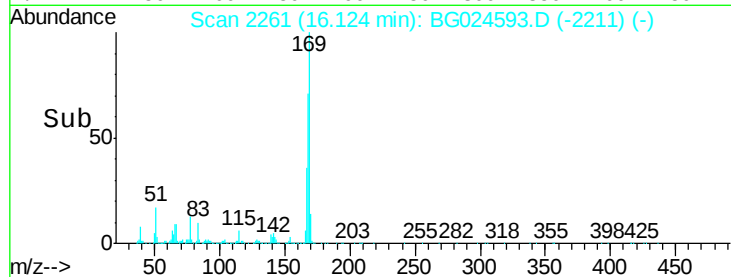
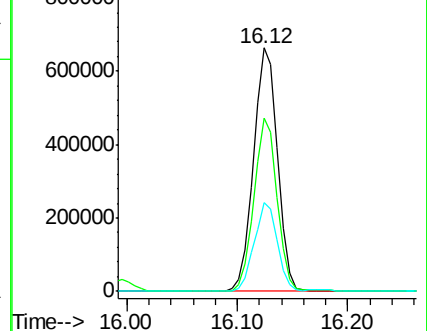
167 36.3 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 41.34 ng

RT: 16.81 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

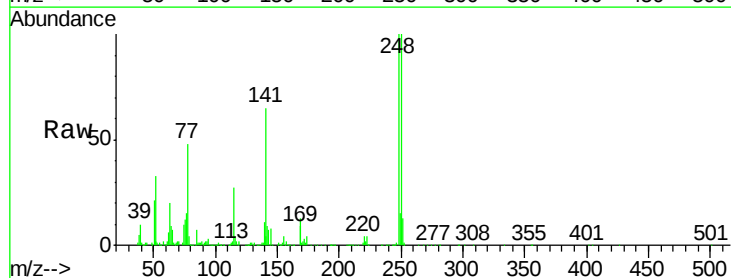
Tgt Ion:248 Resp: 440590

Ion Ratio Lower Upper

248 100

250 99.6 75.0 112.6

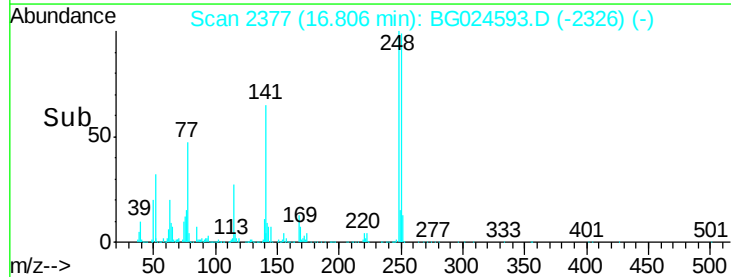
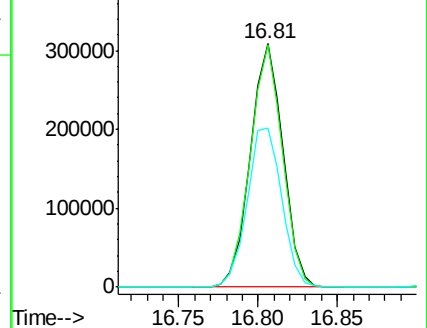
141 65.4 55.2 82.8

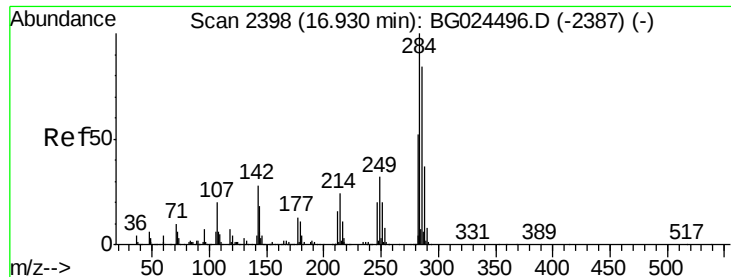


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.15 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

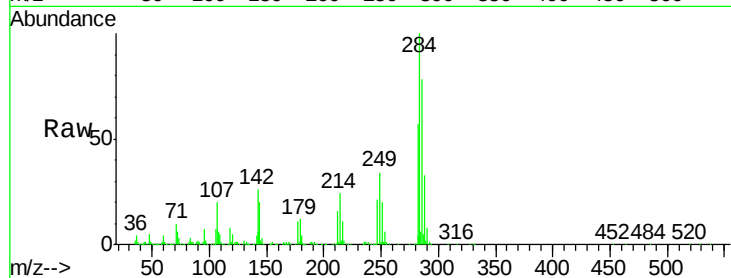
Tot Ion:284 Resp: 484664

Ion Ratio Lower Upper

284 100

142 25.7 29.9 44.9#

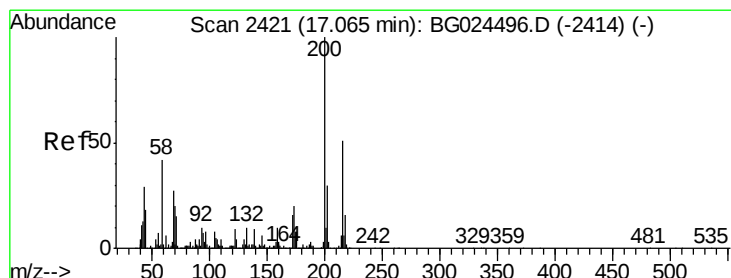
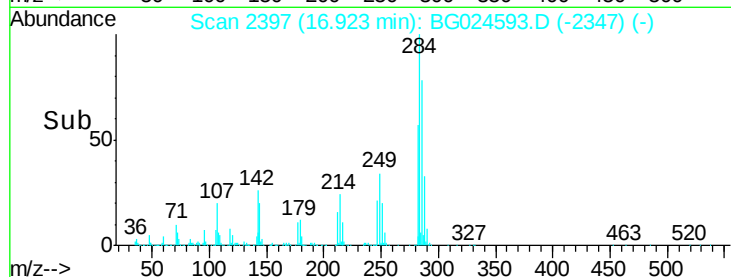
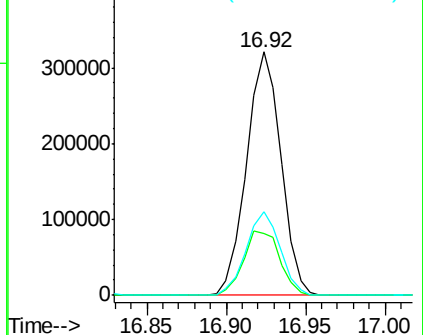
249 34.3 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.52 ng

RT: 17.06 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

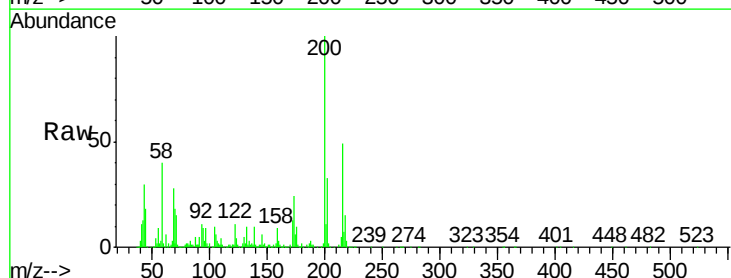
Tgt Ion:200 Resp: 468706

Ion Ratio Lower Upper

200 100

173 24.1 3.0 43.0

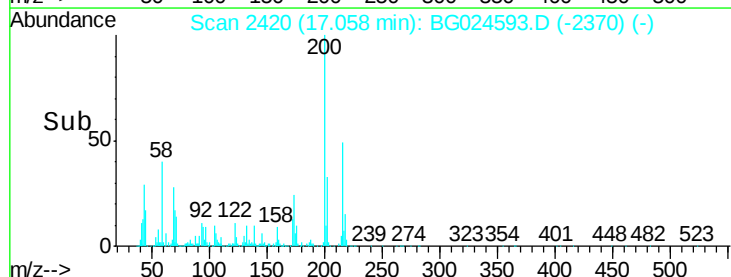
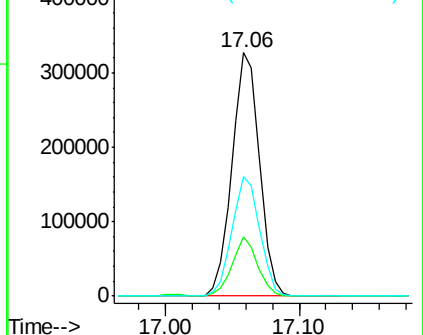
215 49.3 28.4 68.4

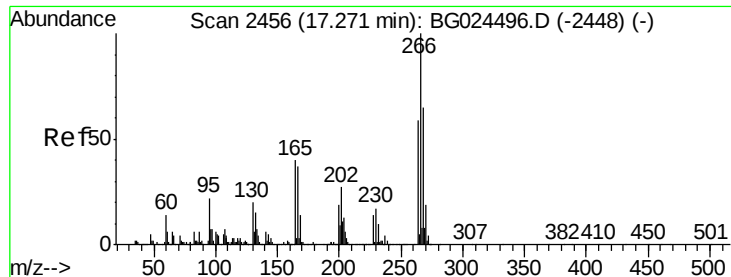


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

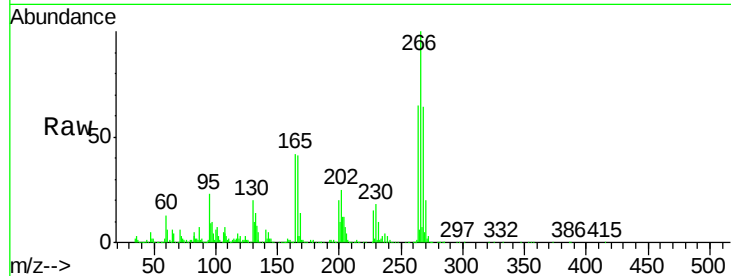




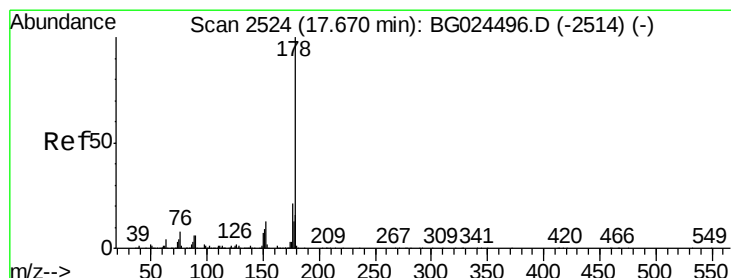
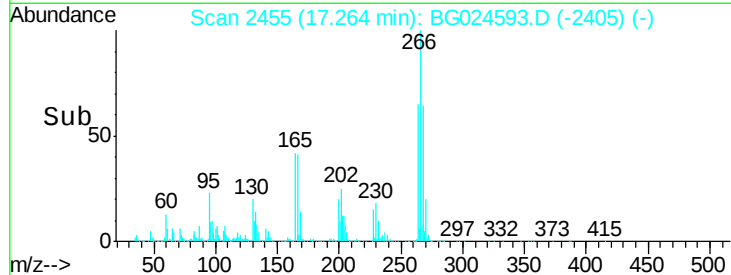
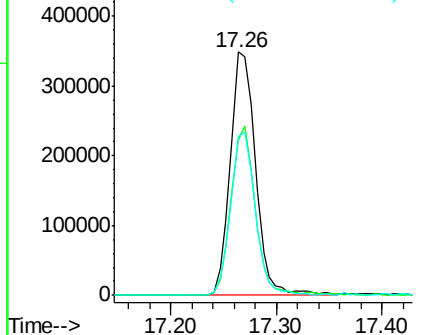
#69  
 Pentachlorophenol  
 Concen: 74.31 ng  
 RT: 17.26 min Scan# 2455  
 Delta R.T. -0.01 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SD-5MS

Tot Ion:266 Resp: 577454  
 Ion Ratio Lower Upper  
 266 100  
 268 63.7 48.6 72.8  
 264 65.3 50.1 75.1

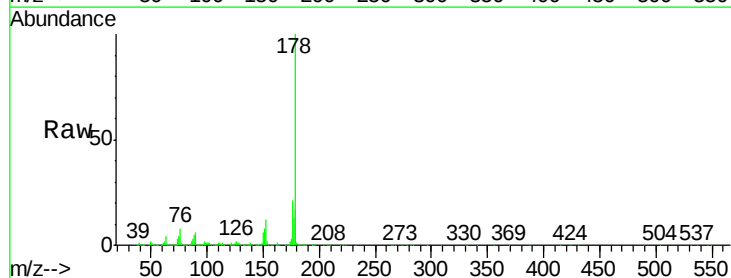


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

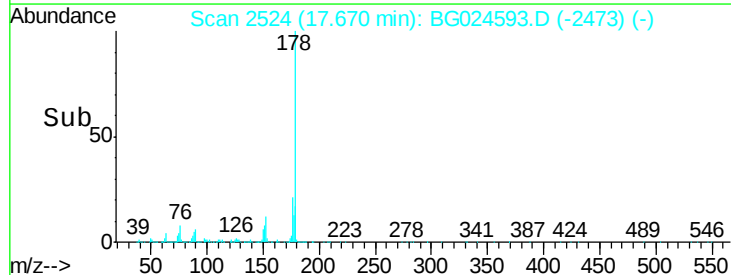
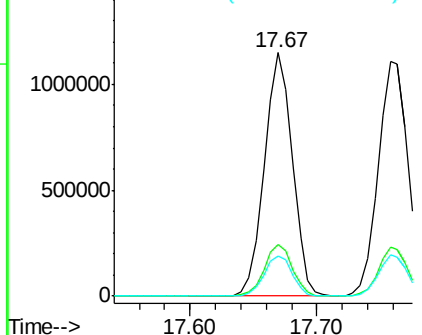


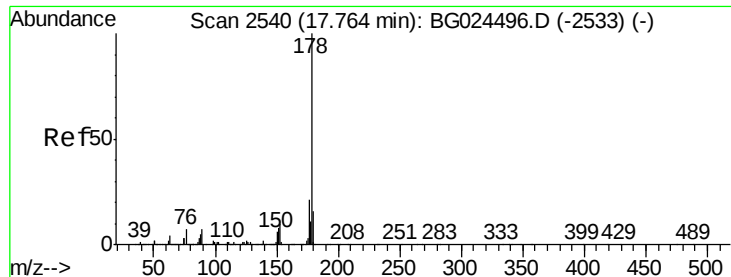
#70  
 Phenanthrene  
 Concen: 39.41 ng  
 RT: 17.67 min Scan# 2524  
 Delta R.T. -0.00 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

Tgt Ion:178 Resp: 1763767  
 Ion Ratio Lower Upper  
 178 100  
 176 21.0 17.7 26.5  
 179 16.7 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.28 ng

RT: 17.76 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

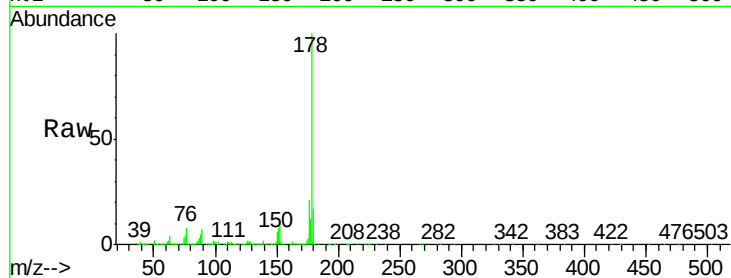
BNA\_G

ClientSampleId :

SD-5MS

Tot Ion:178 Resp: 1818605

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 21.1  | 16.4  | 24.6  |
| 179 | 17.3  | 13.8  | 20.8  |

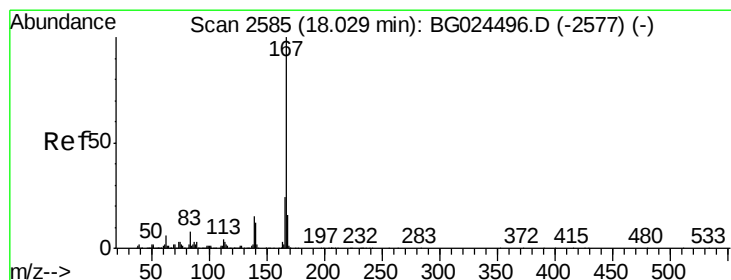
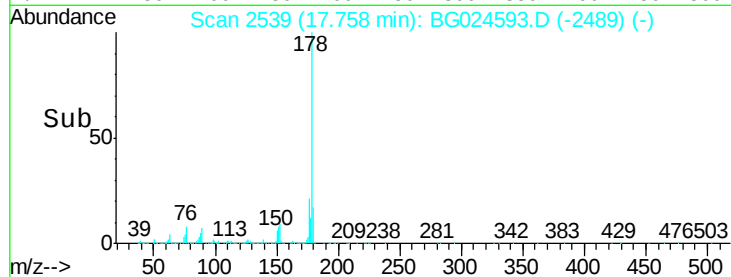
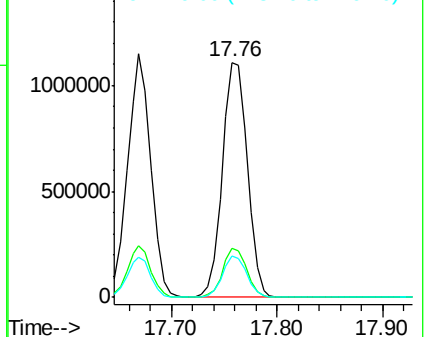


Abundance

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

Carbazole

Concen: 39.97 ng

RT: 18.03 min Scan# 2585

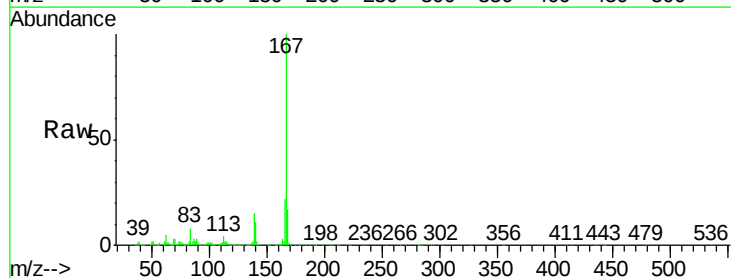
Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Tgt Ion:167 Resp: 1645862

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.5  | 20.2  | 30.2  |
| 139 | 14.8  | 12.8  | 19.2  |

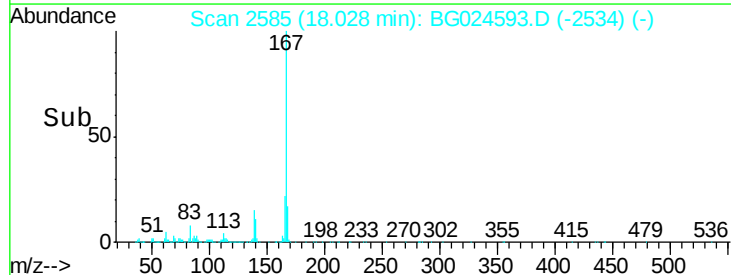
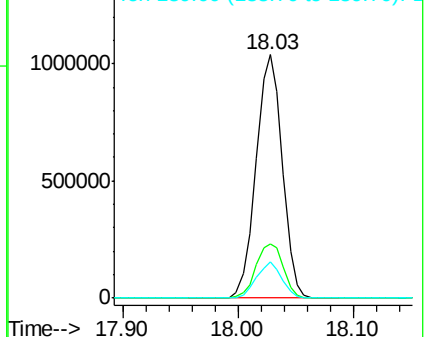


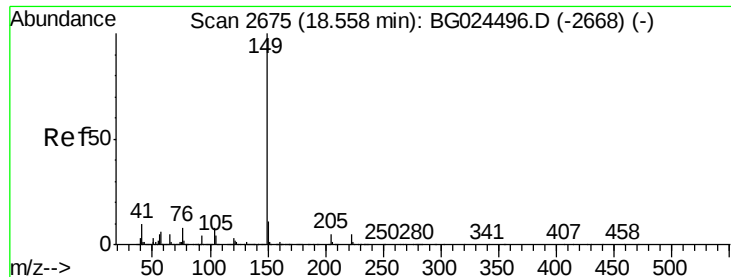
Abundance

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

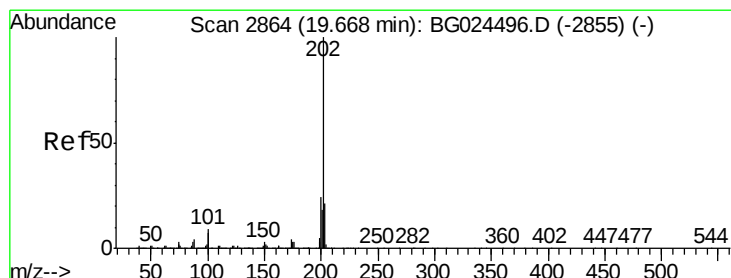
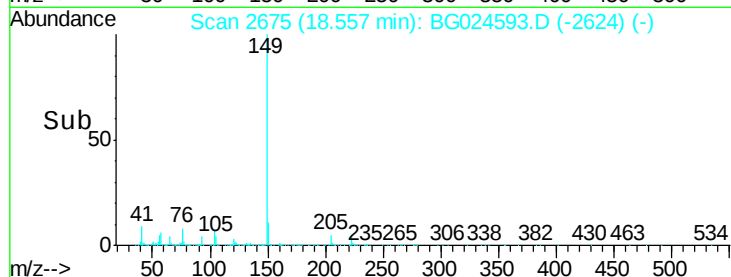
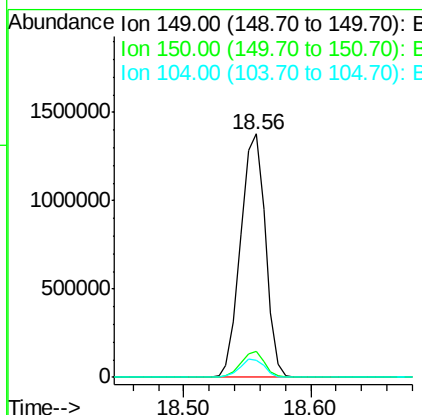
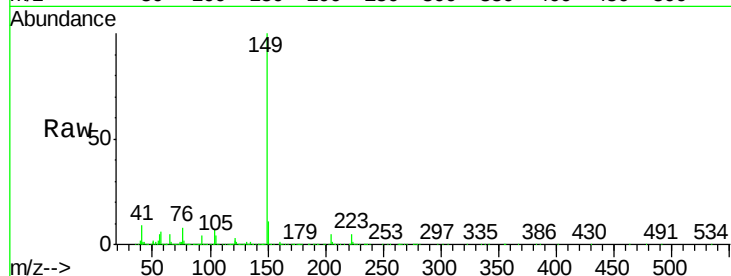




#73  
Di-n-butylphthalate  
Concen: 39.16 ng  
RT: 18.56 min Scan# 2675  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

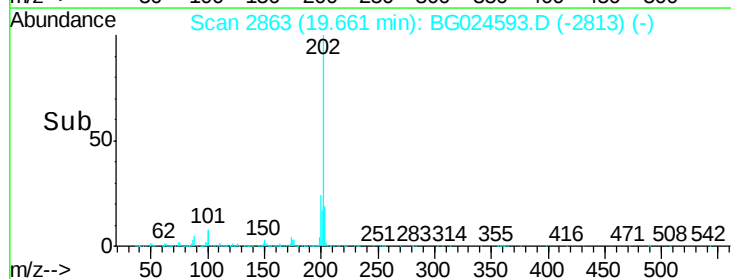
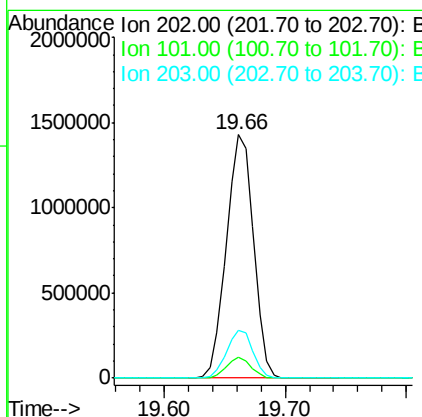
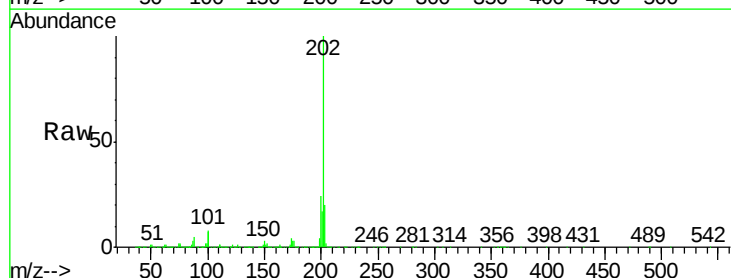
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

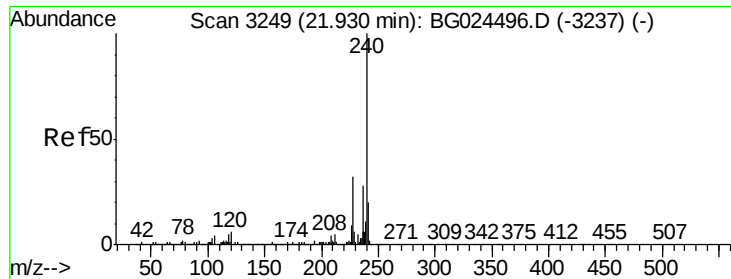
Tot Ion:149 Resp: 1858962  
Ion Ratio Lower Upper  
149 100  
150 10.9 9.1 13.7  
104 7.1 6.7 10.1



#74  
Fluoranthene  
Concen: 39.32 ng  
RT: 19.66 min Scan# 2863  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Tgt Ion:202 Resp: 2224503  
Ion Ratio Lower Upper  
202 100  
101 8.4 0.0 30.1  
203 19.5 1.3 41.3

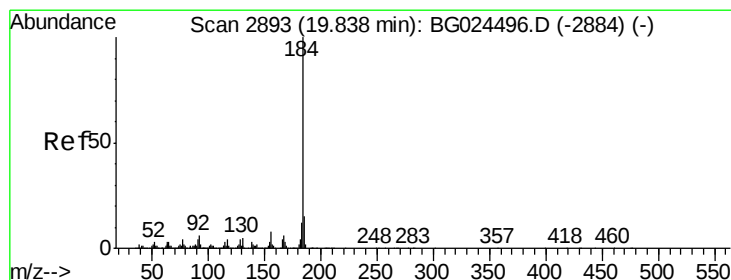
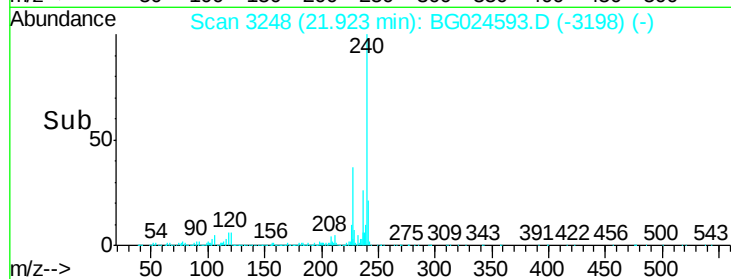
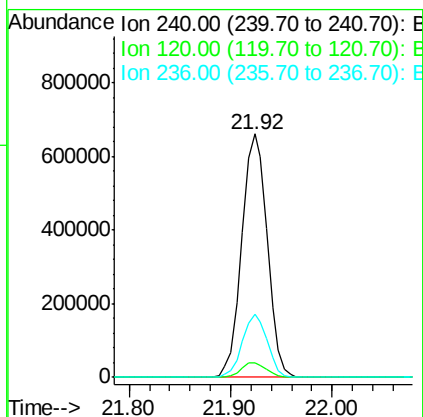
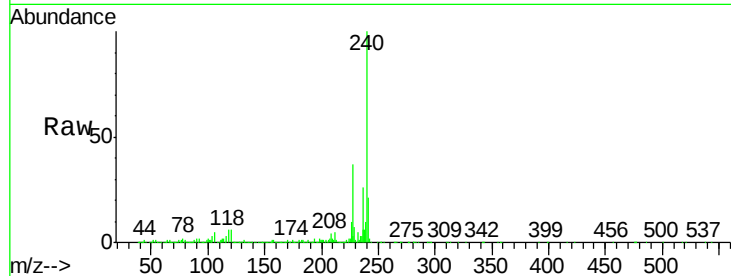




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.92 min Scan# 3248  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

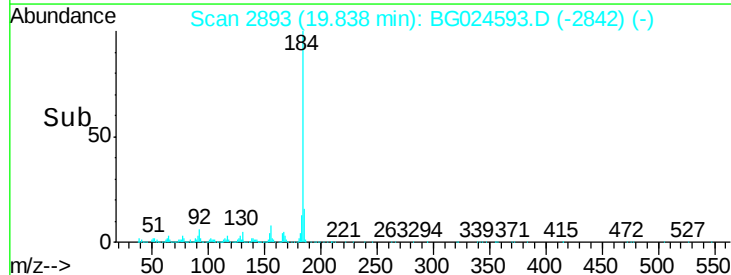
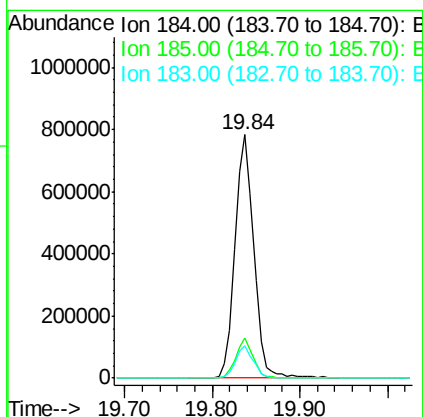
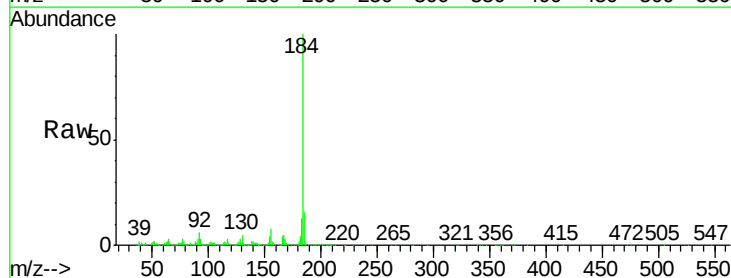
Instrument :  
BNA\_G  
ClientSampleId :  
SD-5MS

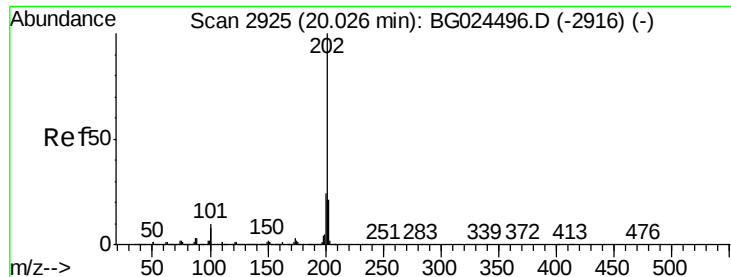
Tot Ion:240 Resp: 1148962  
Ion Ratio Lower Upper  
240 100  
120 6.0 5.7 8.5  
236 25.8 22.2 33.4



#76  
Benzidine  
Concen: 42.16 ng  
RT: 19.84 min Scan# 2893  
Delta R.T. -0.00 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

Tgt Ion:184 Resp: 1141383  
Ion Ratio Lower Upper  
184 100  
185 16.3 13.0 19.6  
183 13.1 11.0 16.6





#77

Pvrene

Concen: 39.91 ng

RT: 20.03 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

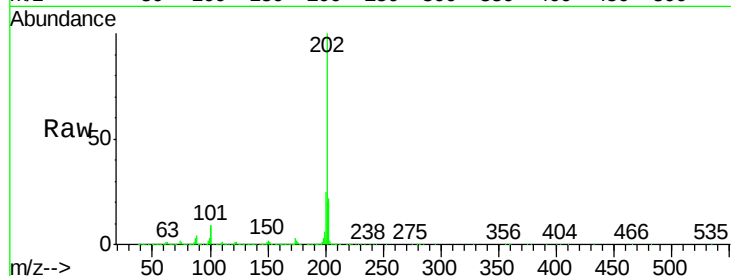
BNA\_G

ClientSampleId :

SD-5MS

Tot Ion:202 Resp: 2241826

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.8  | 19.6  | 29.4  |
| 203 | 21.6  | 15.8  | 23.8  |

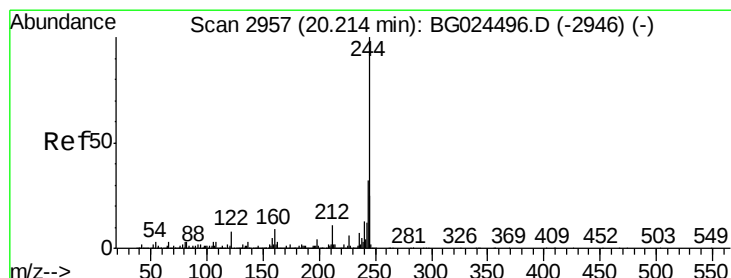
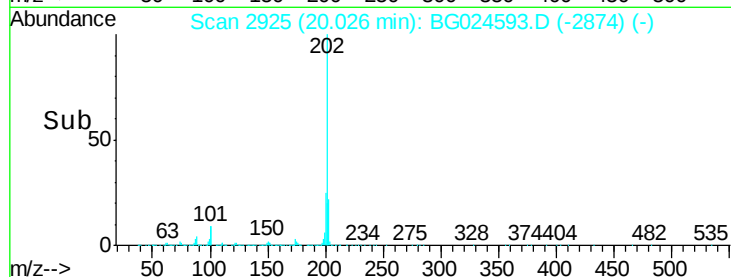
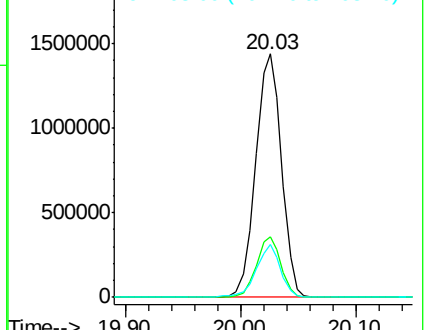


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 53.39 ng

RT: 20.20 min Scan# 2955

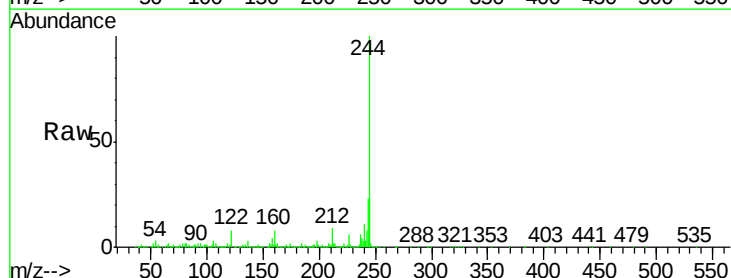
Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Tgt Ion:244 Resp: 2053088

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.5   | 10.0  | 15.0# |
| 122 | 7.7   | 8.6   | 12.8# |

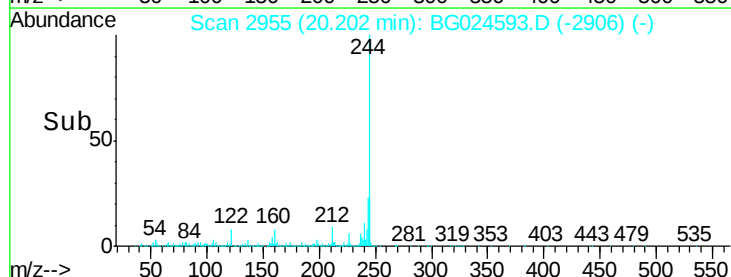
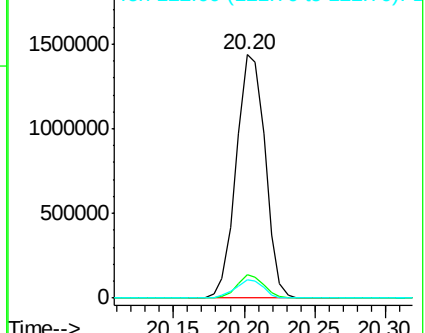


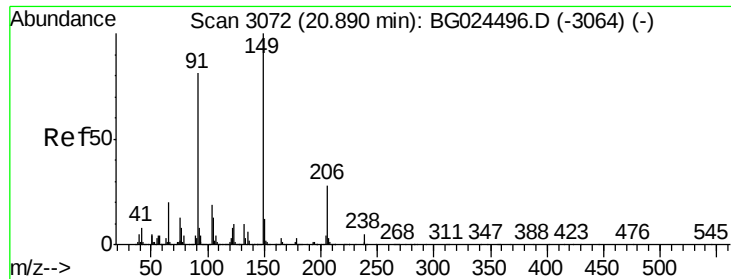
Abundance

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

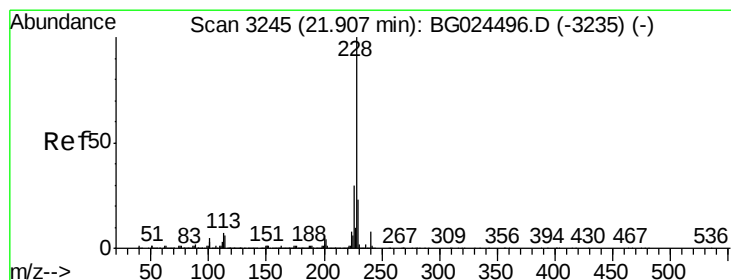
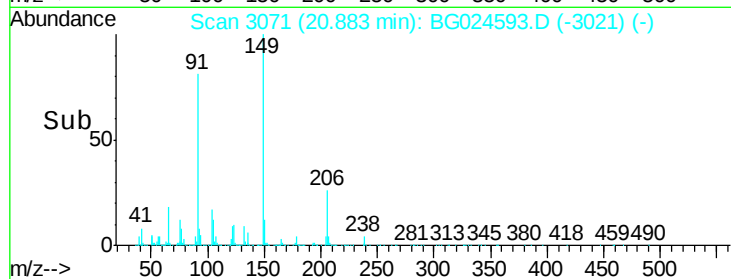
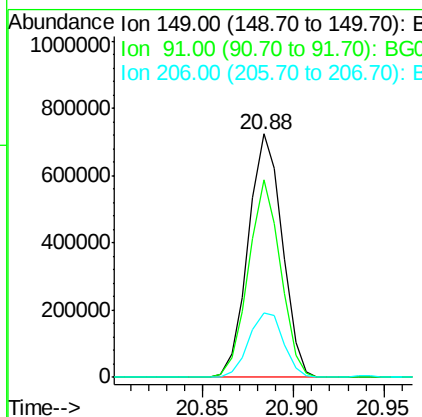
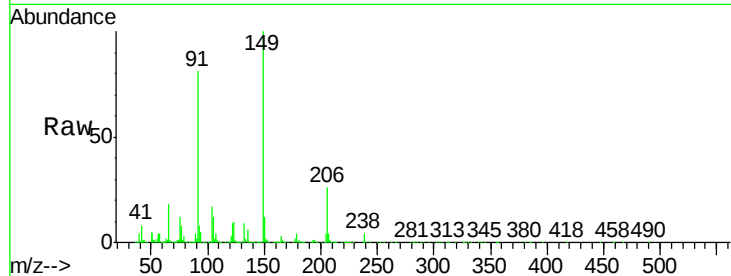




#79  
Butylbenzylphthalate  
Concen: 40.24 ng  
RT: 20.88 min Scan# 3071  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

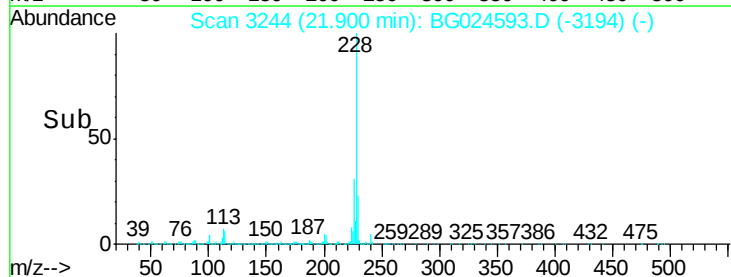
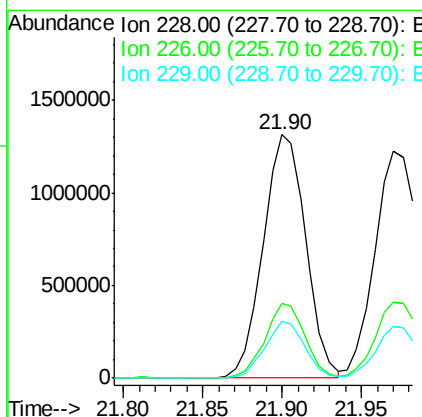
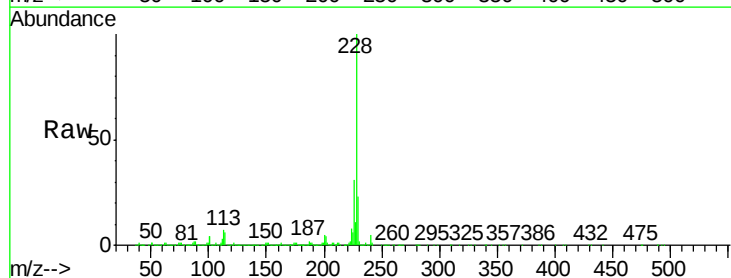
Instrument :  
BNA\_G  
ClientSampleID :  
SD-5MS

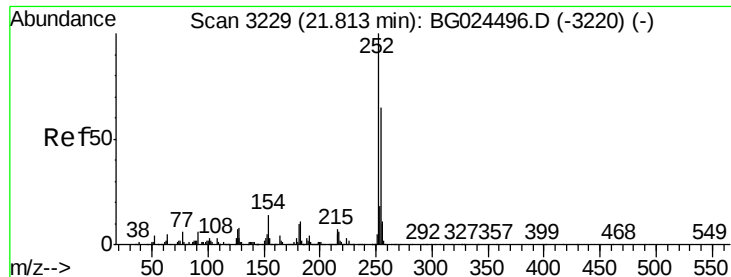
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 80.9  | 63.5  | 95.3  |
| 206     | 26.4  | 21.0  | 31.6  |



#80  
Benzo(a)anthracene  
Concen: 38.77 ng  
RT: 21.90 min Scan# 3244  
Delta R.T. -0.01 min  
Lab File: BG024593.D  
Acq: 1 Nov 2016 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 24.9  | 37.3  |
| 229     | 23.3  | 18.2  | 27.2  |

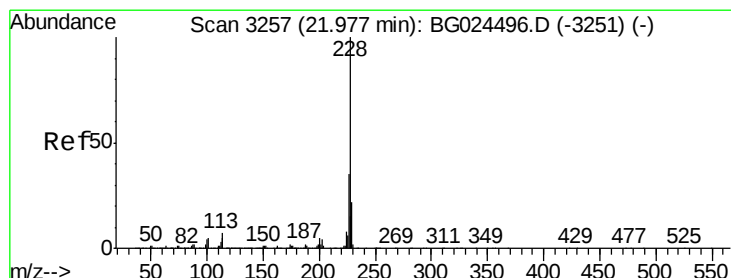
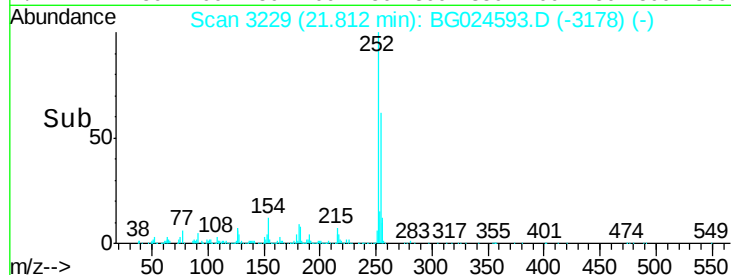
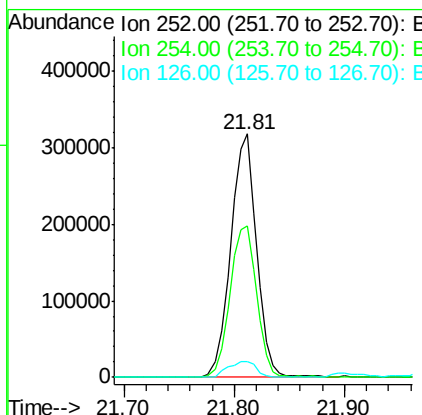
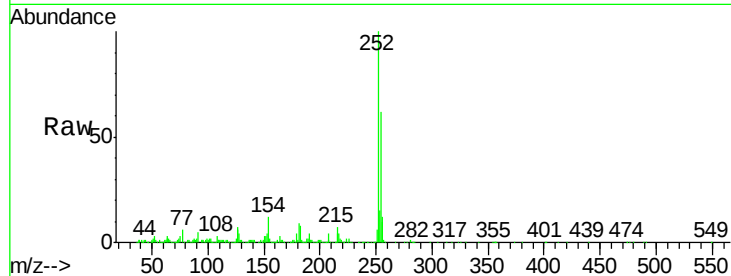




#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.54 ng  
 RT: 21.81 min Scan# 3229  
 Delta R.T. -0.00 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

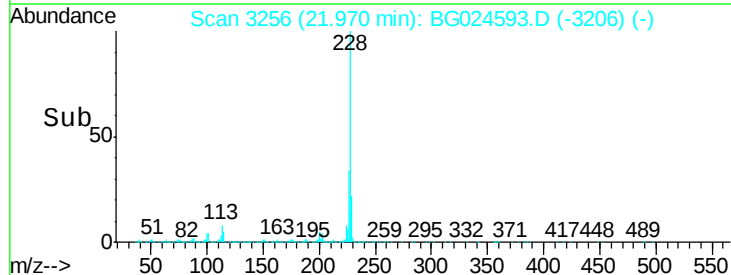
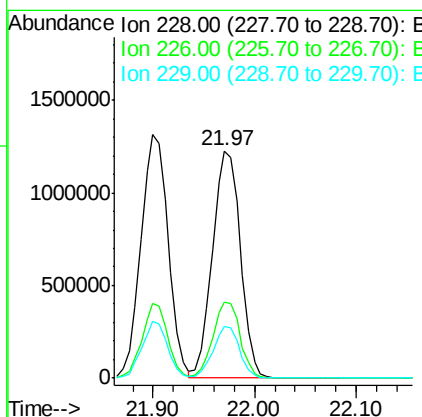
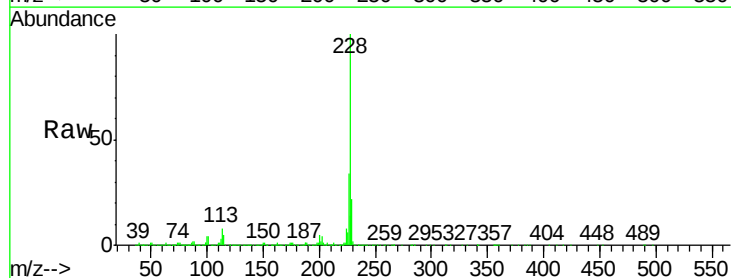
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SD-5MS

Tot Ion:252 Resp: 523109  
 Ion Ratio Lower Upper  
 252 100  
 254 62.0 53.1 79.7  
 126 6.3 7.0 10.4#



#82  
 Chrysene  
 Concen: 38.93 ng  
 RT: 21.97 min Scan# 3256  
 Delta R.T. -0.01 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

Tgt Ion:228 Resp: 2340129  
 Ion Ratio Lower Upper  
 228 100  
 226 33.6 27.0 40.4  
 229 22.5 17.8 26.6

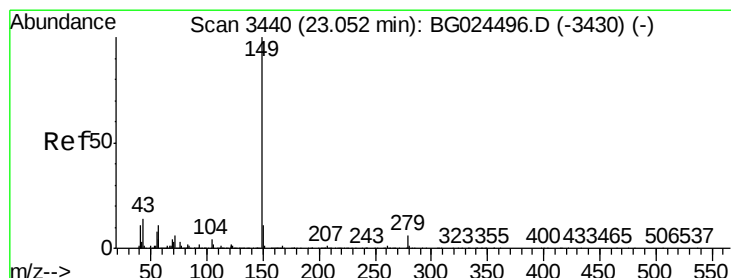
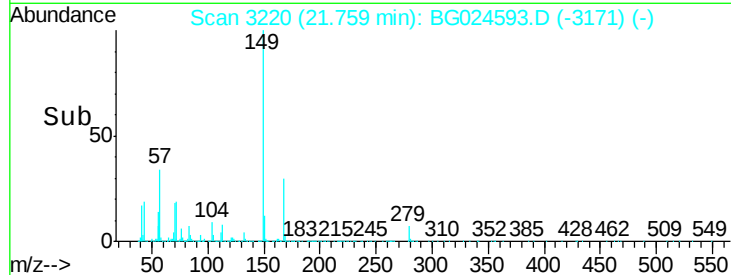
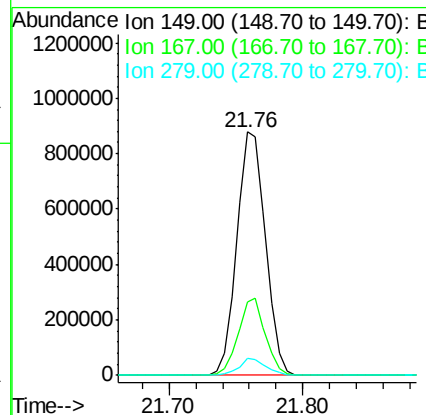
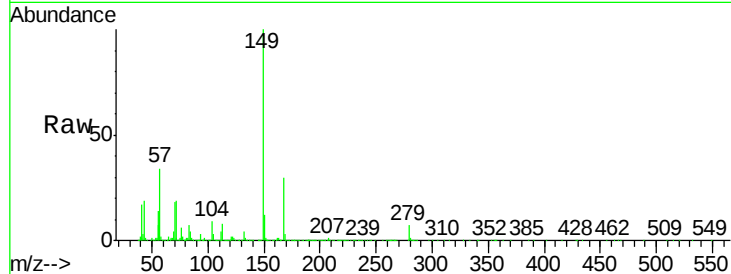




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.03 ng  
 RT: 21.76 min Scan# 3220  
 Delta R.T. -0.01 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

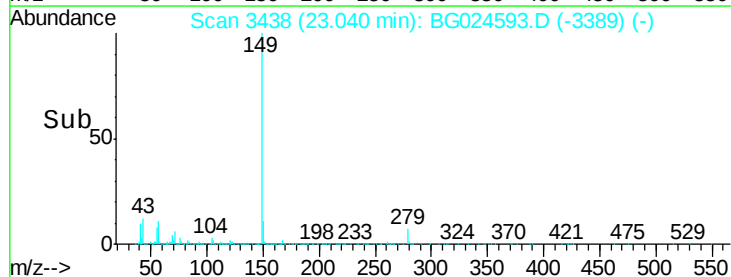
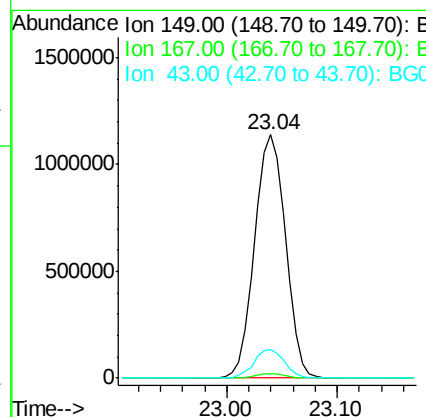
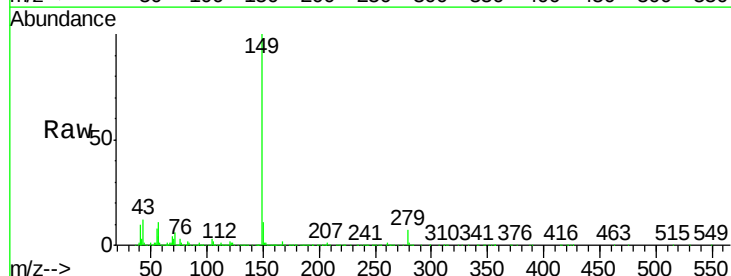
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SD-5MS

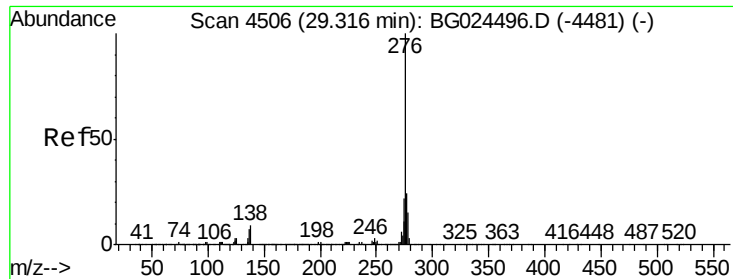
Tot Ion:149 Resp: 1307349  
 Ion Ratio Lower Upper  
 149 100  
 167 30.1 23.7 35.5  
 279 6.9 4.6 6.8#



#84  
 Di-n-octyl phthalate  
 Concen: 40.42 ng  
 RT: 23.04 min Scan# 3438  
 Delta R.T. -0.01 min  
 Lab File: BG024593.D  
 Acq: 1 Nov 2016 15:19

Tgt Ion:149 Resp: 2246979  
 Ion Ratio Lower Upper  
 149 100  
 167 1.9 1.4 2.2  
 43 11.4 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.28 ng

RT: 29.30 min Scan# 4504

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

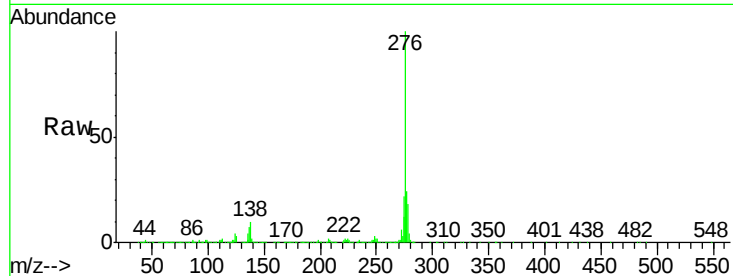
Tot Ion:276 Resp: 3176397

Ion Ratio Lower Upper

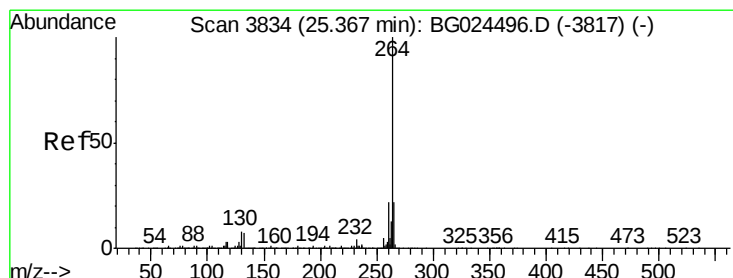
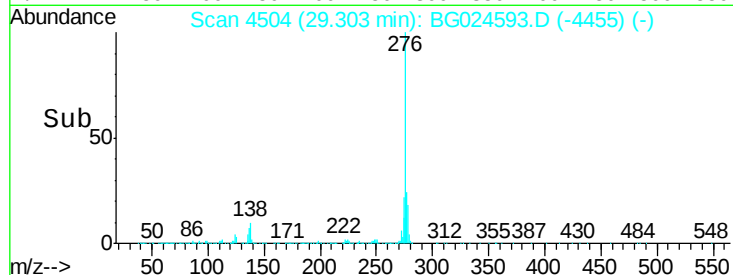
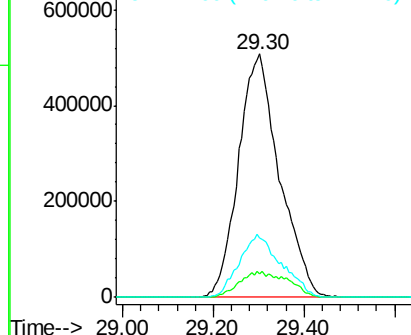
276 100

138 12.5 4.7 7.1#

277 26.5 20.6 31.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

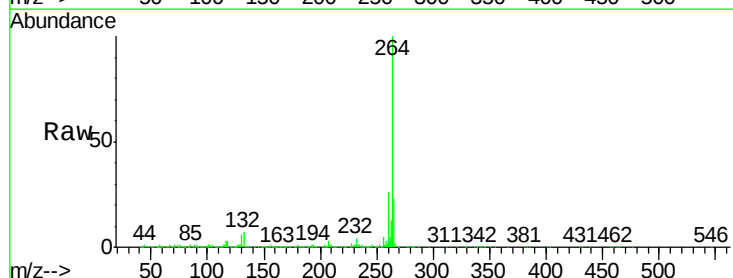
Tgt Ion:264 Resp: 1200431

Ion Ratio Lower Upper

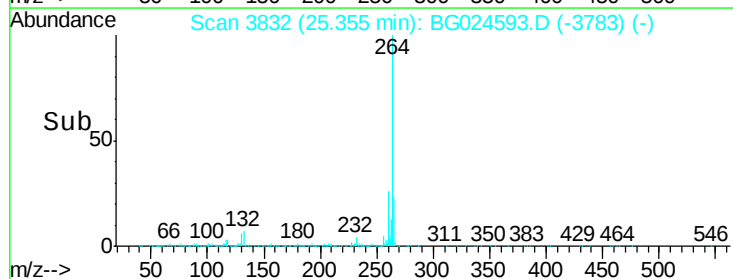
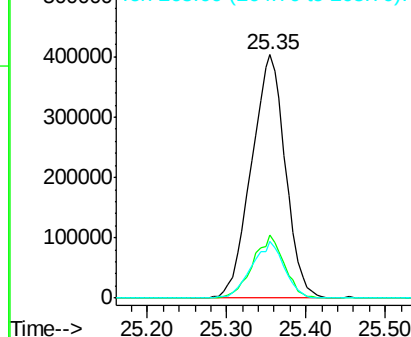
264 100

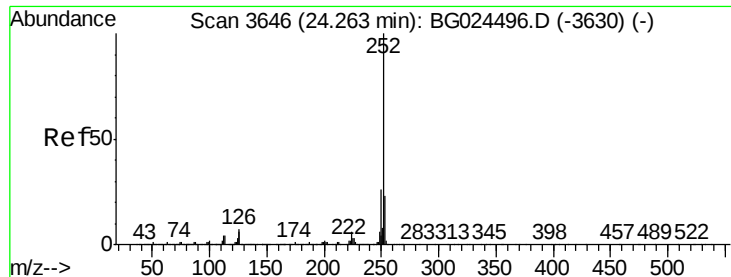
260 25.8 21.8 32.8

265 23.4 18.2 27.4



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

Benzo(b)fluoranthene

Concen: 39.99 ng

RT: 24.26 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

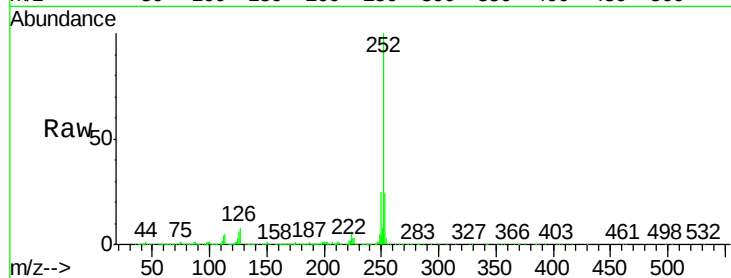
Tot Ion:252 Resp: 2595134

Ion Ratio Lower Upper

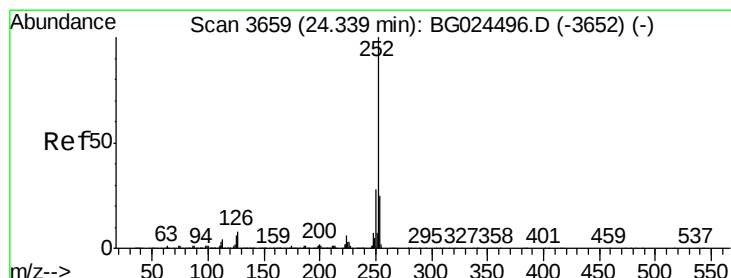
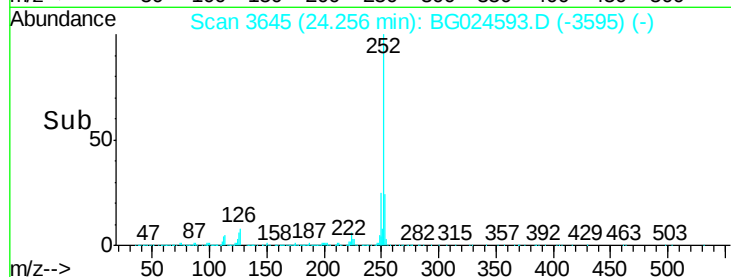
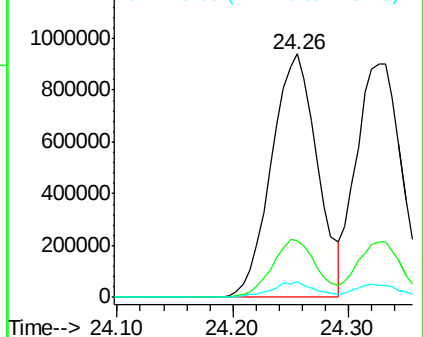
252 100

253 23.5 18.7 28.1

125 6.3 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.02 ng

RT: 24.33 min Scan# 3657

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

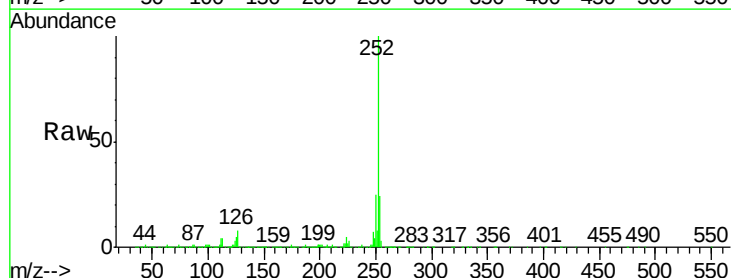
Tgt Ion:252 Resp: 2445108

Ion Ratio Lower Upper

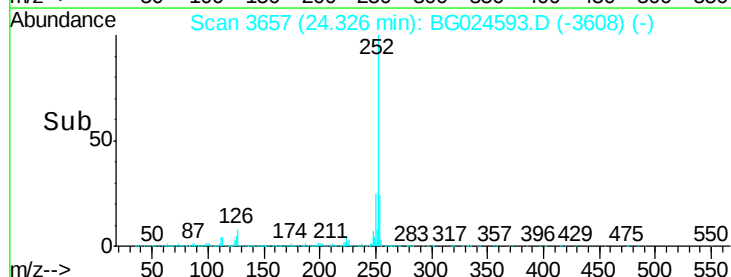
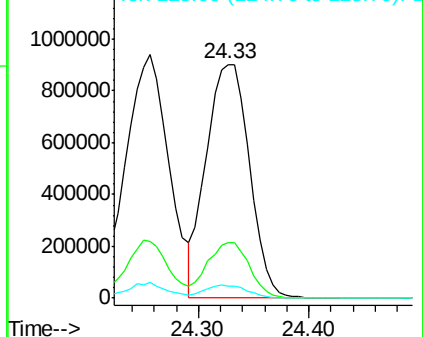
252 100

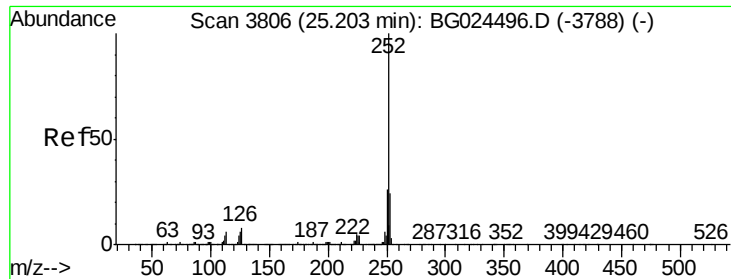
253 23.9 20.2 30.2

125 5.3 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.32 ng

RT: 25.20 min Scan# 3805

Delta R.T. -0.01 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

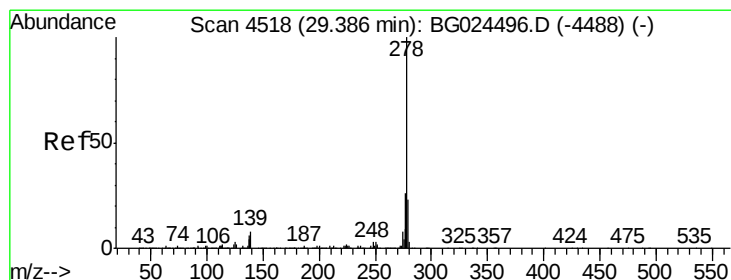
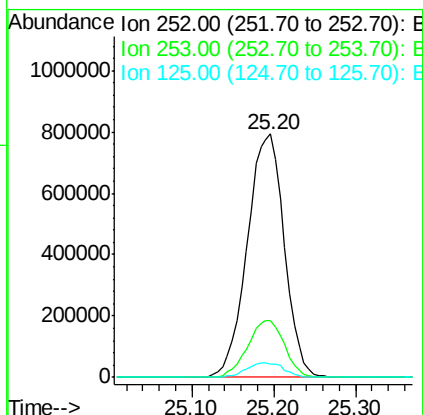
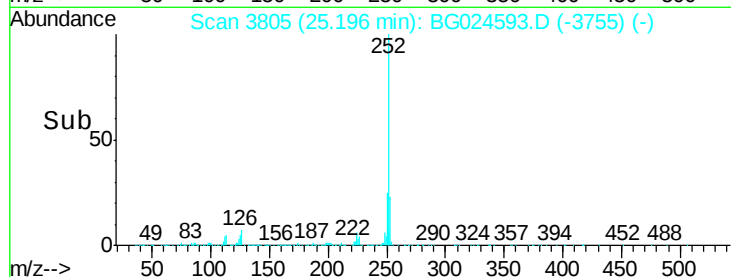
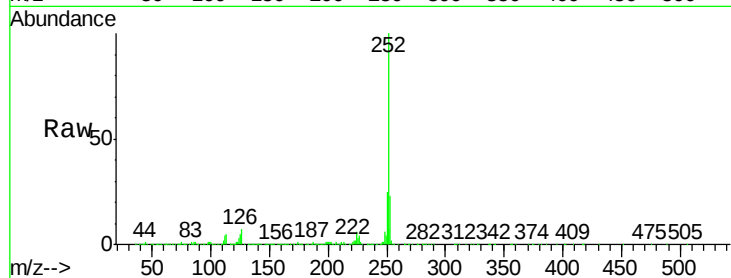
Tot Ion:252 Resp: 2492911

Ion Ratio Lower Upper

252 100

253 23.0 19.2 28.8

125 5.2 5.4 8.0#



#90

Dibenzo(a,h)anthracene

Concen: 37.94 ng

RT: 29.37 min Scan# 4515

Delta R.T. -0.02 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

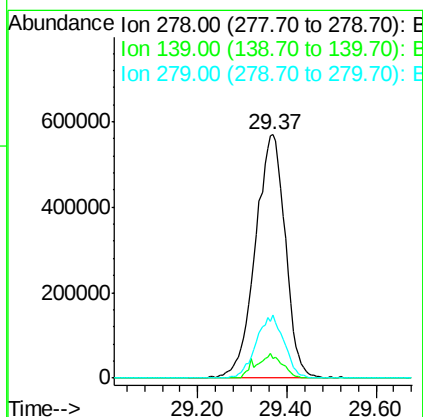
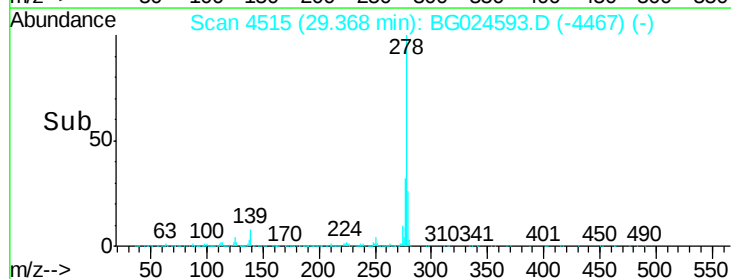
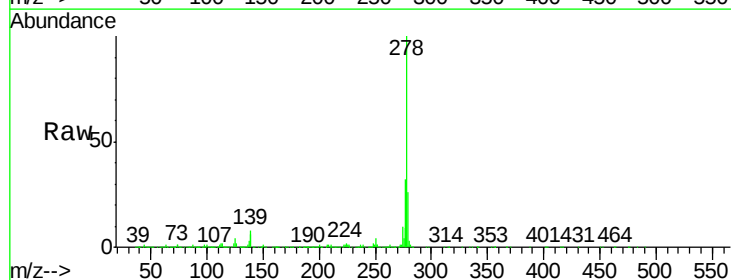
Tgt Ion:278 Resp: 2640400

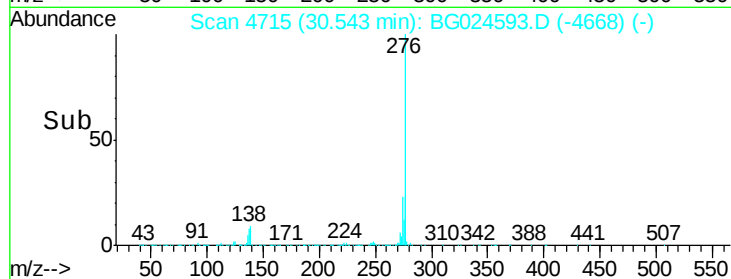
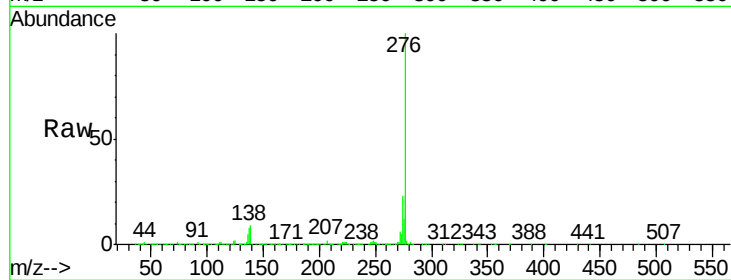
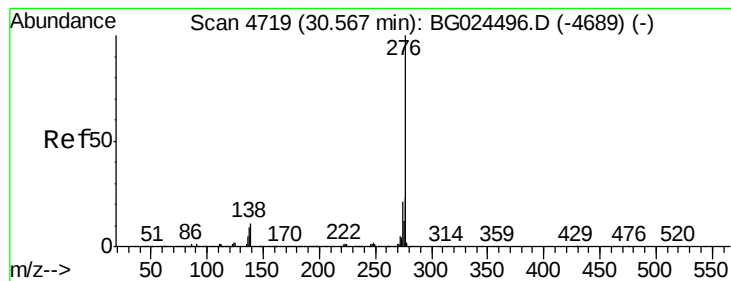
Ion Ratio Lower Upper

278 100

139 8.0 7.7 11.5

279 25.8 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 37.49 ng

RT: 30.54 min Scan# 4715

Delta R.T. -0.02 min

Lab File: BG024593.D

Acq: 1 Nov 2016 15:19

Instrument :

BNA\_G

ClientSampleId :

SD-5MS

Tot Ion:276 Resp: 2606357

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 9.4 8.1 12.1

