

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\  
 Data File : BG026417.D  
 Acq On : 24 Mar 2017 16:34  
 Operator : SJ/MA  
 Sample : PB97805BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

Quant Time: Mar 24 23:17:49 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 20 17:43:27 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 142917   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.85 | 136  | 590230   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.65 | 164  | 351751   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.39 | 188  | 857045   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.63 | 240  | 966713   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.81 | 264  | 974092   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.62  | 112 | 1125797 | 139.81 | ng | 0.00 |
| 7) Phenol-d6                | 7.21  | 99  | 1448460 | 133.99 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.20  | 82  | 756210  | 77.04  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 16.13 | 330 | 631800  | 156.85 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 13.28 | 172 | 2106053 | 83.96  | ng | 0.00 |
| 78) Terphenyl-d14           | 19.98 | 244 | 3036258 | 76.28  | ng | 0.00 |

|                                |       |     |         |        |    |        |
|--------------------------------|-------|-----|---------|--------|----|--------|
| Target Compounds               |       |     |         |        |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.50  | 88  | 121695  | 33.67  | ng | # 69   |
| 3) Pyridine                    | 3.90  | 79  | 334089  | 33.75  | ng | # 61   |
| 4) n-Nitrosodimethylamine      | 3.81  | 42  | 101742  | 37.61  | ng | # 1    |
| 6) Aniline                     | 7.37  | 93  | 288769  | 20.00  | ng | # 85   |
| 8) 2-Chlorophenol              | 7.61  | 128 | 425119  | 46.89  | ng | # 78   |
| 9) Benzaldehyde                | 7.18  | 77  | 91497   | 12.54  | ng | # 66   |
| 10) Phenol                     | 7.24  | 94  | 516674  | 44.79  | ng | # 69   |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 378730  | 40.04  | ng | # 77   |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 460894  | 42.70  | ng | # 85   |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 466288  | 42.71  | ng | # 92   |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 445859  | 42.67  | ng | # 90   |
| 15) Benzyl Alcohol             | 8.28  | 79  | 301568  | 42.55  | ng | # 74   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 351693  | 33.48  | ng | 77     |
| 17) 2-Methylphenol             | 8.48  | 107 | 363637  | 44.39  | ng | # 81   |
| 18) Hexachloroethane           | 9.12  | 117 | 145315  | 40.70  | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70  | 262789  | 37.81  | ng | # 70   |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 498888  | 44.23  | ng | 85     |
| 22) Acetophenone               | 8.86  | 105 | 579039  | 42.66  | ng | # 72   |
| 24) Nitrobenzene               | 9.24  | 77  | 389498  | 40.19  | ng | # 71   |
| 25) Isophorone                 | 9.77  | 82  | 758756  | 41.01  | ng | # 88   |
| 26) 2-Nitrophenol              | 9.95  | 139 | 241429  | 47.87  | ng | # 60   |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 405842  | 49.03  | ng | 85     |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 505308  | 42.04  | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 432010  | 51.60  | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180 | 442022  | 47.00  | ng | 98     |
| 31) Naphthalene                | 10.89 | 128 | 1271501 | 42.61  | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 302656  | 47.51  | ng | # 73   |
| 33) 4-Chloroaniline            | 11.01 | 127 | 86679   | 7.14   | ng | # 79   |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 251870  | 45.40  | ng | 98     |
| 35) Caprolactam                | 11.76 | 113 | 151248m | 45.85  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 422955  | 47.23  | ng | # 75   |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 970929  | 44.42  | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 474155  | 44.80  | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 12.84 | 237 | 562490  | 100.97 | ng | 94     |

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 ALS Vial : 4 Sample Multiplier: 1

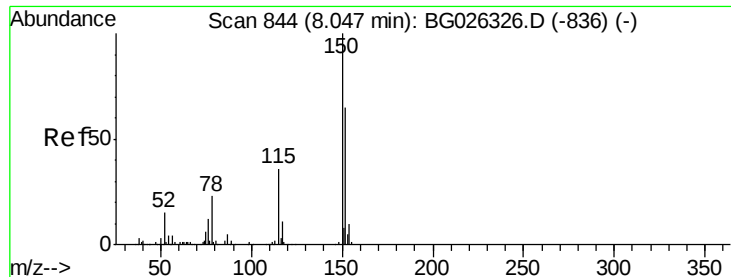
Instrument :  
 BNA\_G  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 352208   | 50.83  | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 364232   | 47.55  | nq    | # 91     |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 1261136  | 43.29  | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 950017   | 44.65  | nq    | 97       |
| 47) 2-Nitroaniline             | 13.73 | 65   | 239874   | 39.65  | nq    | # 49     |
| 48) Acenaphthylene             | 14.38 | 152  | 1561899  | 42.11  | nq    | 99       |
| 49) Dimethylphthalate          | 14.10 | 163  | 1223209  | 46.07  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.22 | 165  | 293548   | 47.37  | nq    | # 54     |
| 51) Acenaphthene               | 14.71 | 154  | 983669   | 43.07  | nq    | 98       |
| 52) 3-Nitroaniline             | 14.55 | 138  | 114380   | 16.76  | nq    | # 62     |
| 53) 2,4-Dinitrophenol          | 14.76 | 184  | 376270   | 104.68 | nq    | # 74     |
| 54) Dibenzofuran               | 15.05 | 168  | 1519267  | 47.25  | nq    | # 89     |
| 55) 4-Nitrophenol              | 14.87 | 139  | 529088   | 94.70  | nq    | # 38     |
| 56) 2,4-Dinitrotoluene         | 15.01 | 165  | 418601   | 48.03  | nq    | # 69     |
| 57) Fluorene                   | 15.69 | 166  | 1252038  | 43.75  | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 350510   | 52.47  | nq    | # 96     |
| 59) Diethylphthalate           | 15.45 | 149  | 1229445  | 45.31  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 621678   | 45.84  | nq    | 89       |
| 61) 4-Nitroaniline             | 15.71 | 138  | 320243   | 44.37  | nq    | # 49     |
| 62) Azobenzene                 | 15.98 | 77   | 988209   | 44.79  | nq    | 77       |
| 64) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 267594   | 49.52  | nq    | 84       |
| 65) n-Nitrosodiphenylamine     | 15.89 | 169  | 1115101  | 44.33  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.57 | 248  | 420383   | 47.65  | nq    | 92       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 442587   | 47.03  | nq    | # 89     |
| 68) Atrazine                   | 16.83 | 200  | 423940   | 44.52  | nq    | 96       |
| 69) Pentachlorophenol          | 17.04 | 266  | 576907   | 94.30  | nq    | 98       |
| 70) Phenanthrene               | 17.43 | 178  | 1970050  | 42.81  | nq    | 98       |
| 71) Anthracene                 | 17.52 | 178  | 2045241  | 43.56  | nq    | 99       |
| 72) Carbazole                  | 17.78 | 167  | 1963000  | 40.60  | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 2168315  | 43.65  | nq    | # 94     |
| 74) Fluoranthene               | 19.42 | 202  | 2367698  | 43.75  | nq    | 97       |
| 76) Benzidine                  | 19.60 | 184  | 786967   | 23.61  | nq    | 99       |
| 77) Pyrene                     | 19.79 | 202  | 2417290  | 43.18  | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 1037637  | 46.33  | nq    | # 84     |
| 80) Benzo(a)anthracene         | 21.61 | 228  | 2378201  | 43.72  | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 528618   | 23.74  | nq    | 99       |
| 82) Chrysene                   | 21.67 | 228  | 2188535  | 42.11  | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 1487432  | 43.97  | nq    | 97       |
| 84) Di-n-octyl phthalate       | 22.70 | 149  | 2553133  | 44.23  | nq    | # 80     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.43 | 276  | 3039812  | 47.37  | nq    | # 88     |
| 87) Benzo(b)fluoranthene       | 23.80 | 252  | 2504356  | 43.61  | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 23.87 | 252  | 2511732  | 45.11  | nq    | # 96     |
| 89) Benzo(a)pyrene             | 24.66 | 252  | 2472016  | 44.88  | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 28.50 | 278  | 2539020  | 45.62  | nq    | # 93     |
| 91) Benzo(g,h,i)perylene       | 29.57 | 276  | 2528730  | 45.09  | nq    | # 88     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

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BNA\_G

ClientSampleId :

PB97805BS

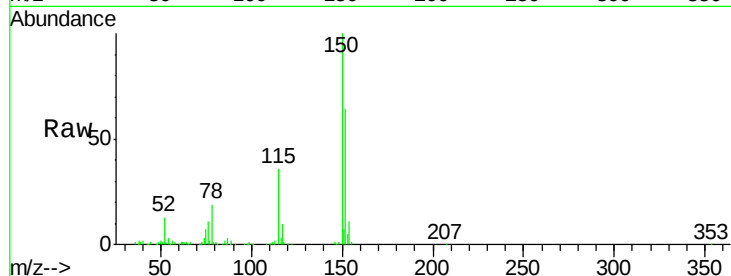
Tot Ion:152 Resp: 142917

Ion Ratio Lower Upper

152 100

150 157.0 114.0 171.0

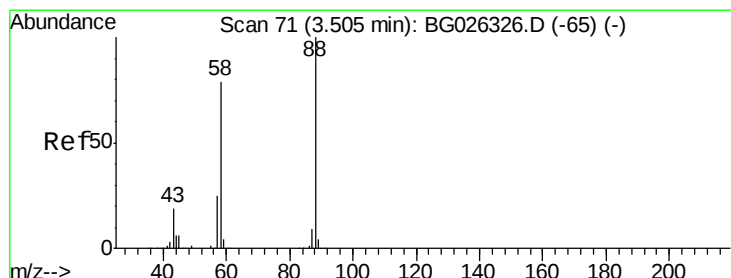
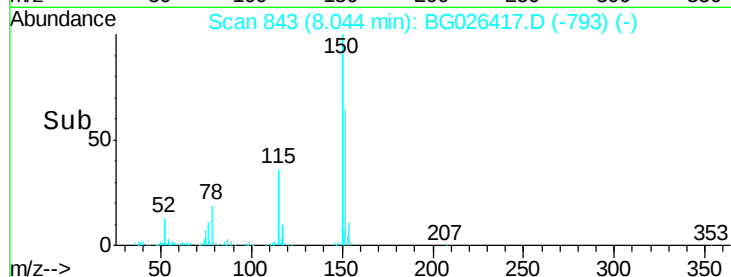
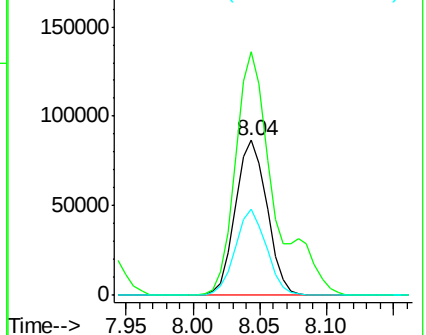
115 55.9 48.1 72.1



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: 33.67 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

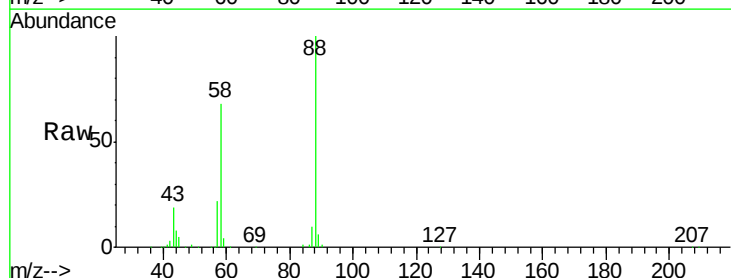
Tgt Ion: 88 Resp: 121695

Ion Ratio Lower Upper

88 100

58 70.5 79.4 119.2#

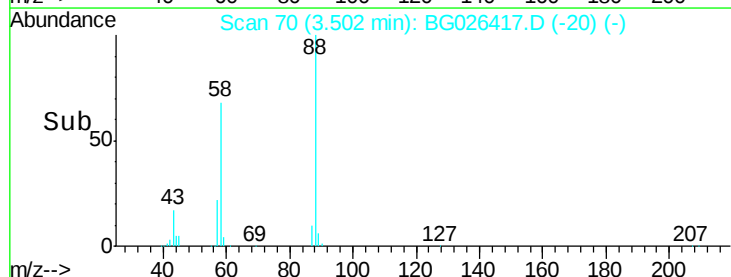
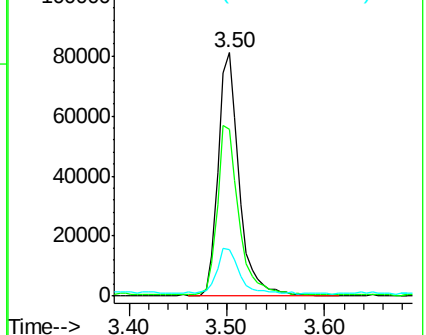
43 19.8 33.8 50.6#

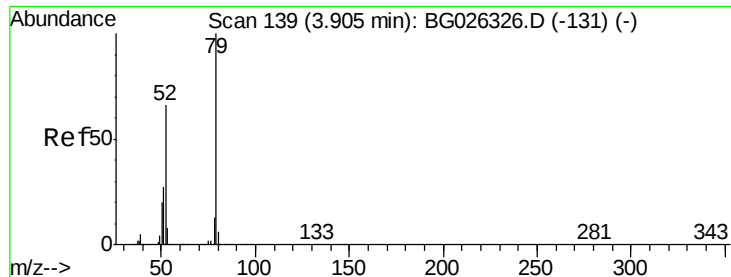


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.75 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

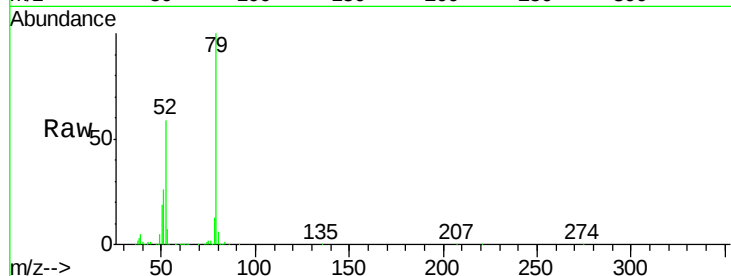
Tot Ion: 79 Resp: 334089

Ion Ratio Lower Upper

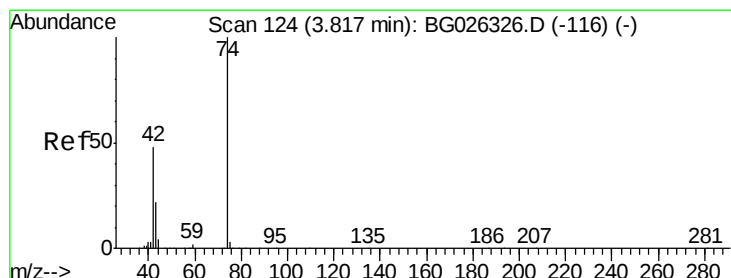
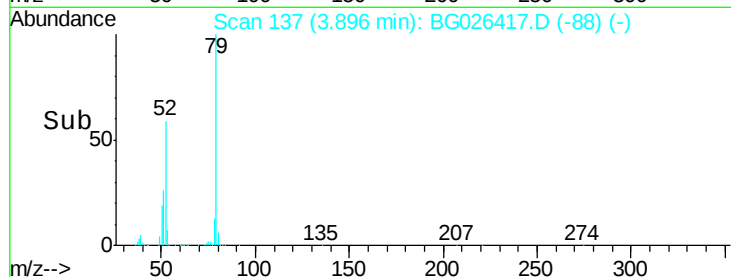
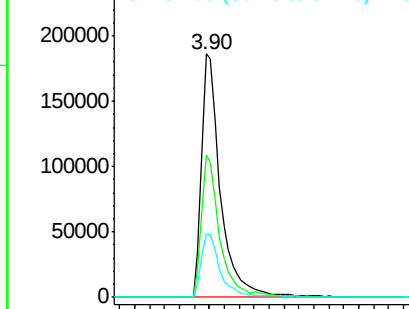
79 100

52 58.5 77.8 116.6#

51 25.7 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: 37.61 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

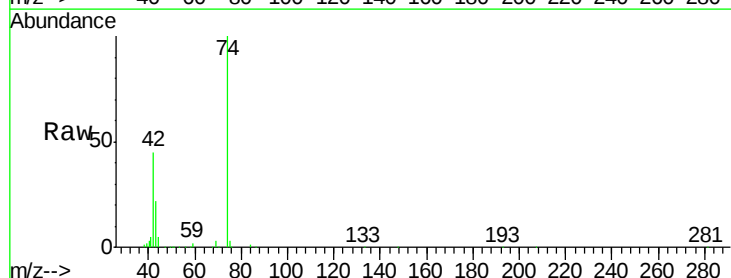
Tgt Ion: 42 Resp: 101742

Ion Ratio Lower Upper

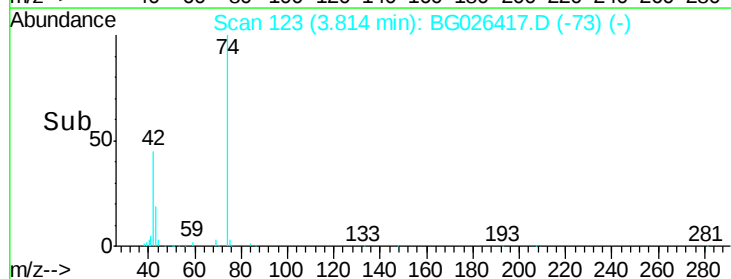
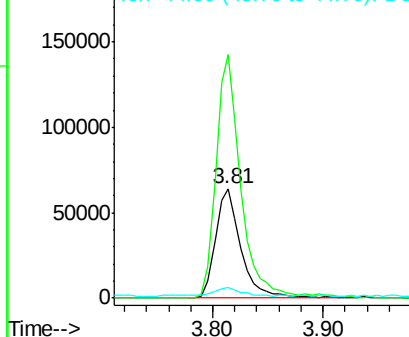
42 100

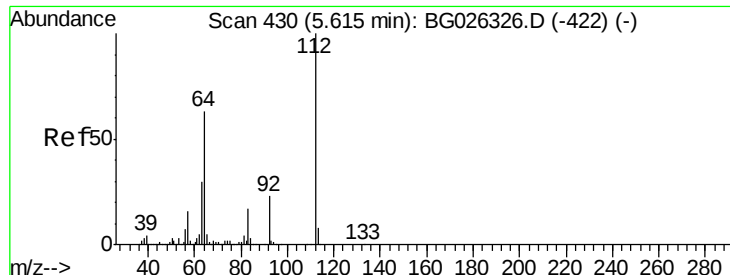
74 221.8 76.7 115.1#

44 10.1 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: 139.81 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

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ClientSampleId :

PB97805BS

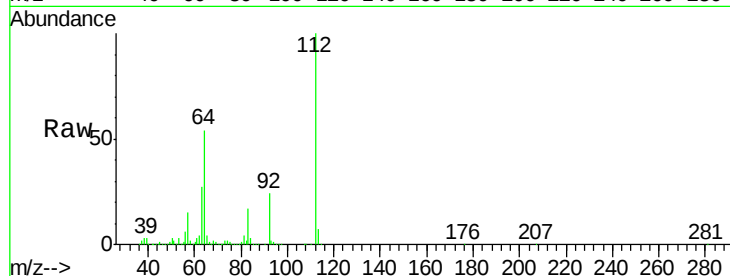
Tot Ion:112 Resp: 1125797

Ion Ratio Lower Upper

112 100

64 54.0 61.8 92.6#

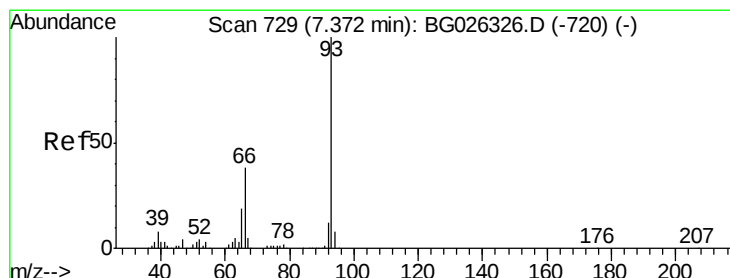
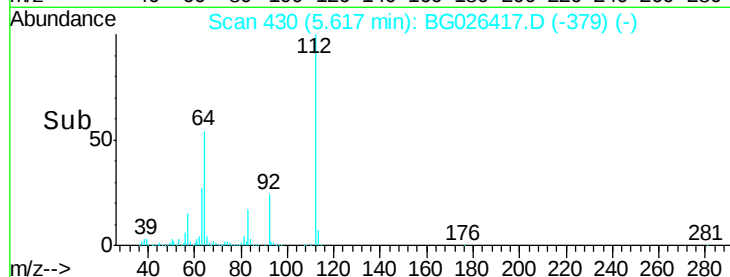
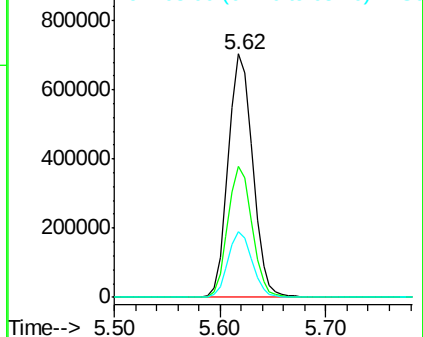
63 27.0 37.2 55.8#



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: 20.00 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

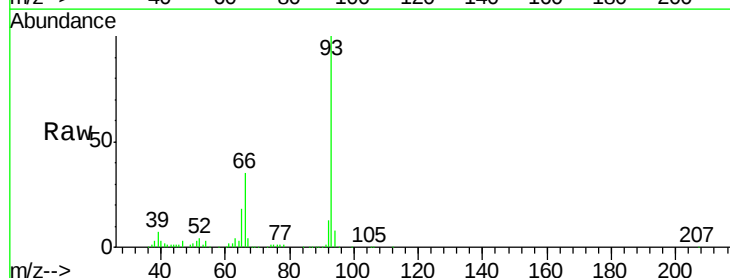
Tgt Ion: 93 Resp: 288769

Ion Ratio Lower Upper

93 100

66 34.7 35.4 53.2#

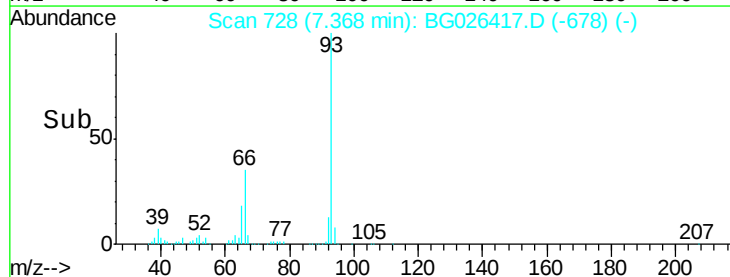
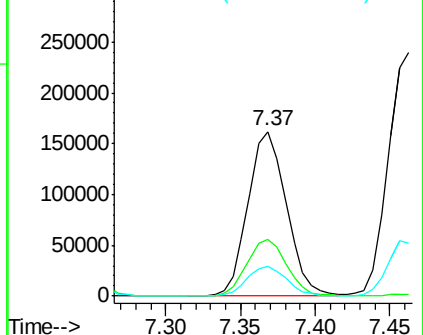
65 18.4 21.2 31.8#

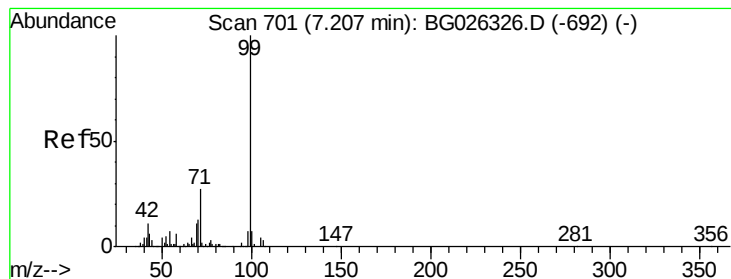


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.99 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

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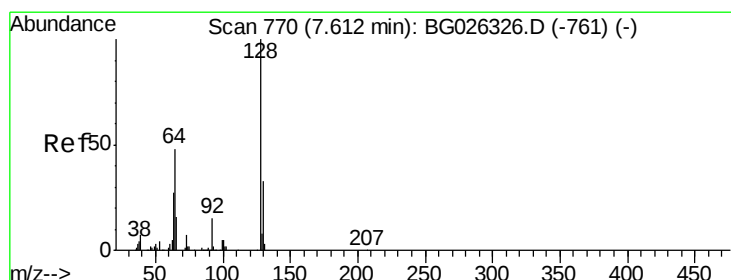
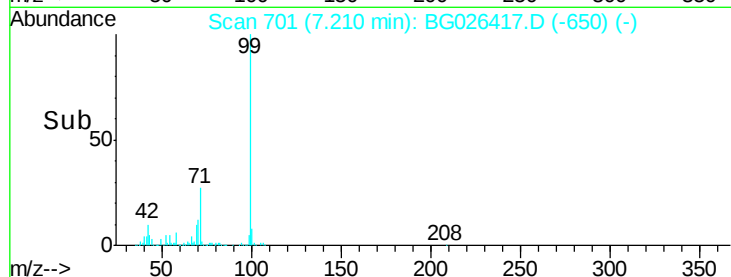
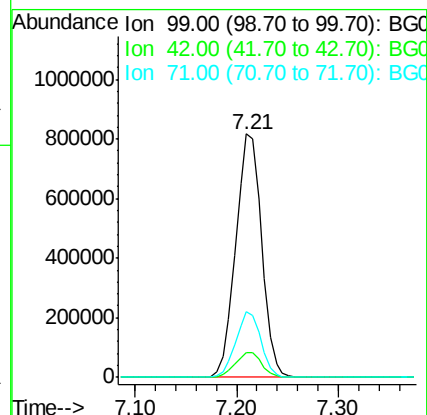
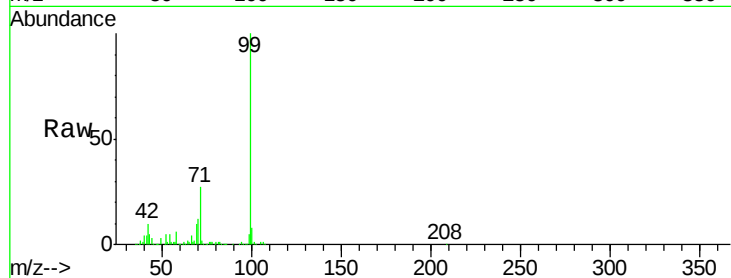
Tot Ion: 99 Resp: 1448460

Ion Ratio Lower Upper

99 100

42 10.3 20.5 30.7#

71 26.8 37.6 56.4#



#8

2-Chlorophenol

Concen: 46.89 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

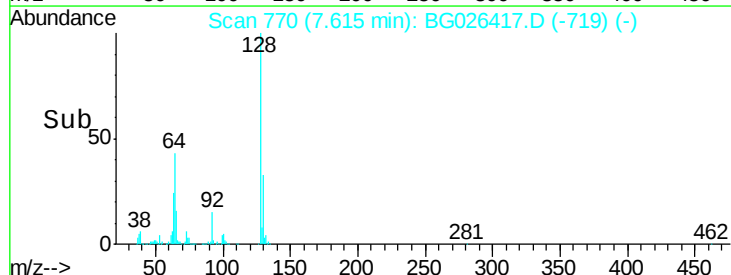
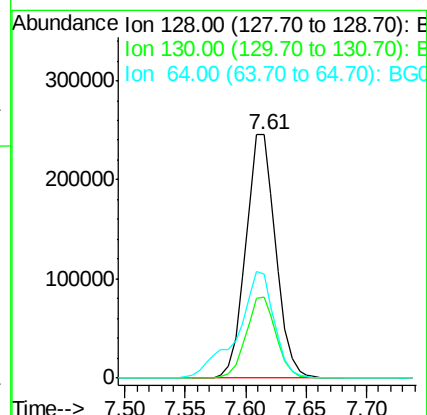
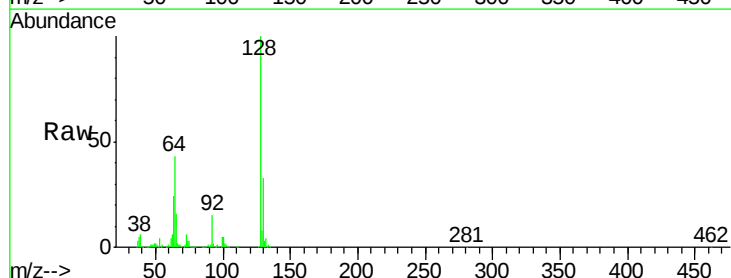
Tgt Ion:128 Resp: 425119

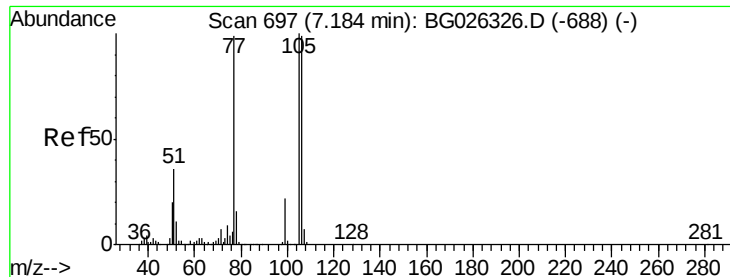
Ion Ratio Lower Upper

128 100

130 33.5 11.4 51.4

64 42.7 46.6 86.6#





#9

Benzaldehyde

Concen: 12.54 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

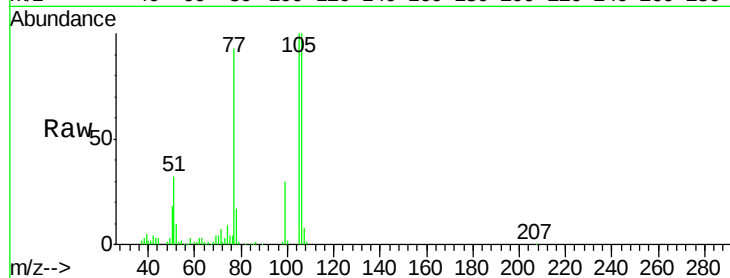
Tot Ion: 77 Resp: 91497

Ion Ratio Lower Upper

77 100

105 107.7 60.9 100.9#

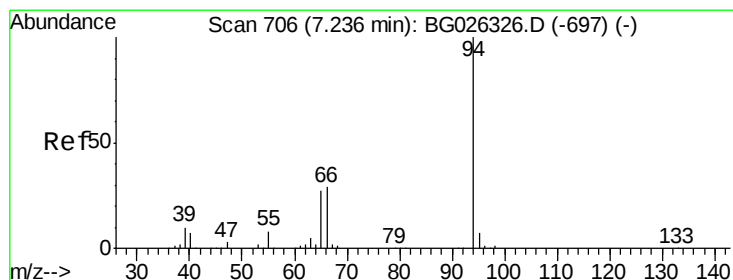
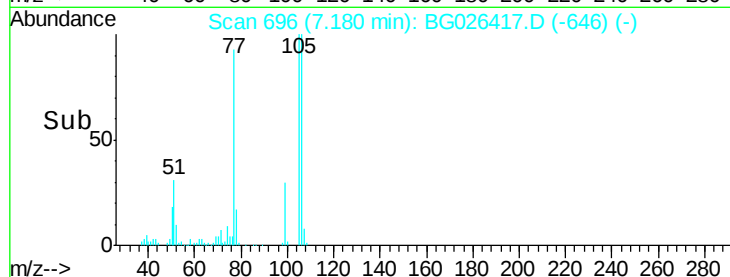
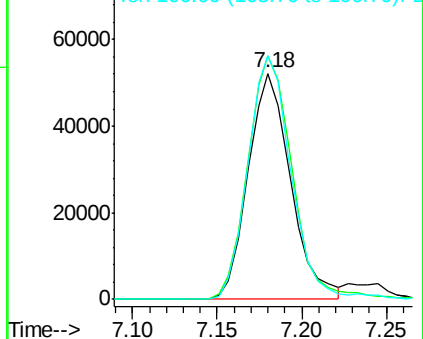
106 107.8 55.1 95.1#



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: 44.79 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

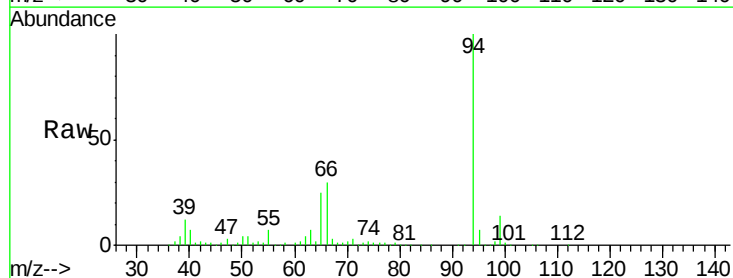
Tgt Ion: 94 Resp: 516674

Ion Ratio Lower Upper

94 100

65 25.2 20.6 60.6

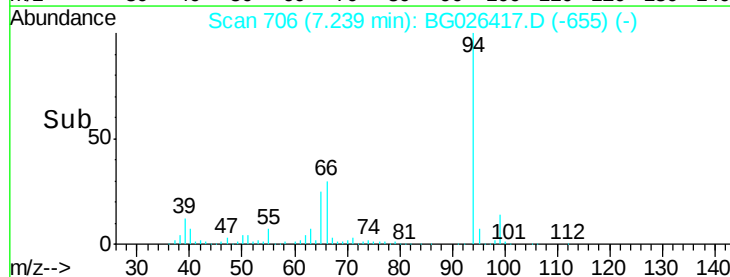
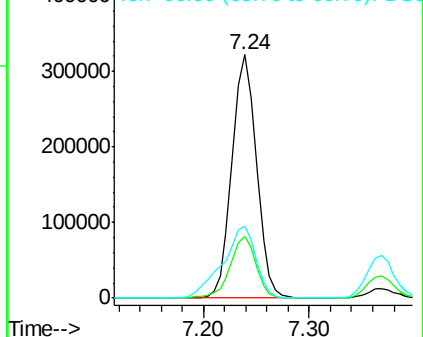
66 29.5 35.5 75.5#

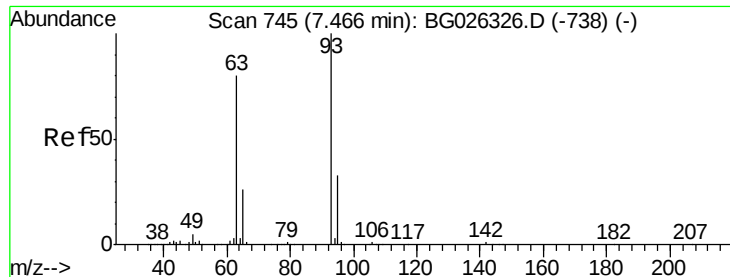


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

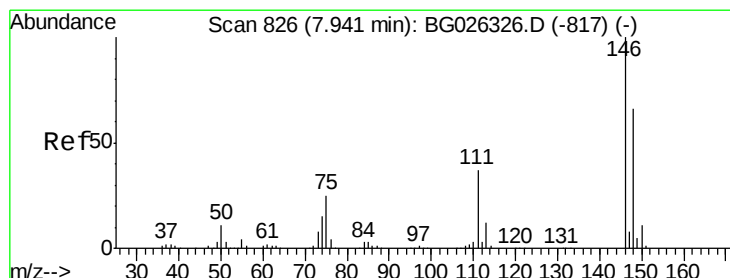
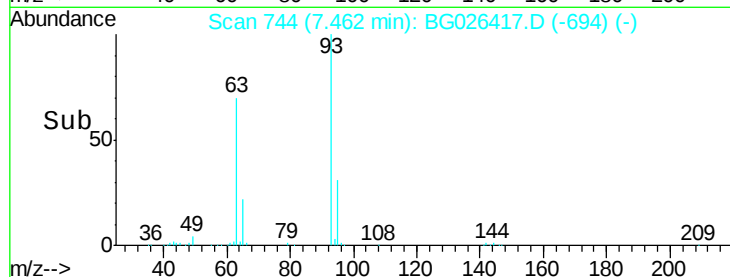
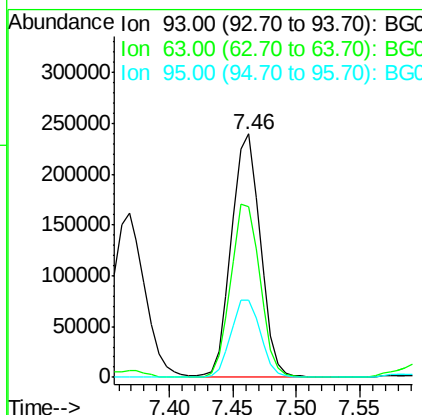
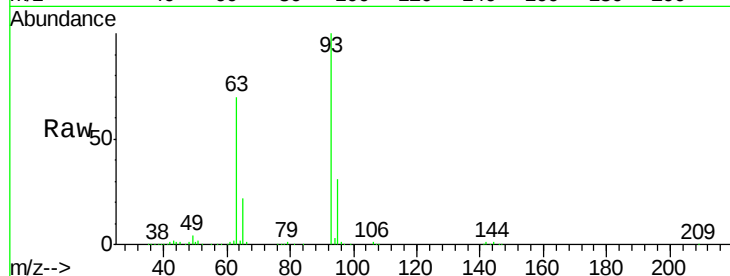




#11  
bis(2-Chloroethyl)ether  
Concen: 40.04 ng  
RT: 7.46 min Scan# 744  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

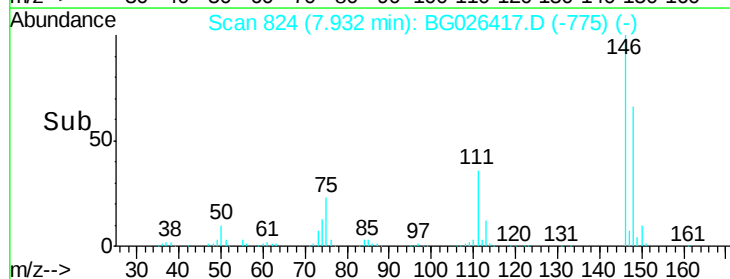
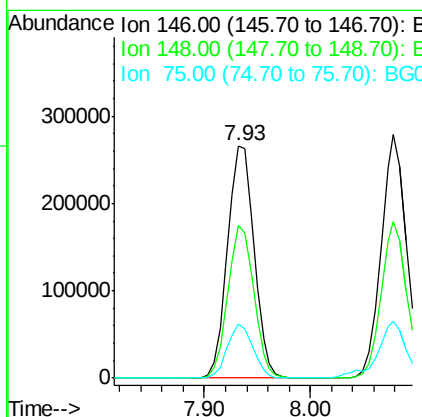
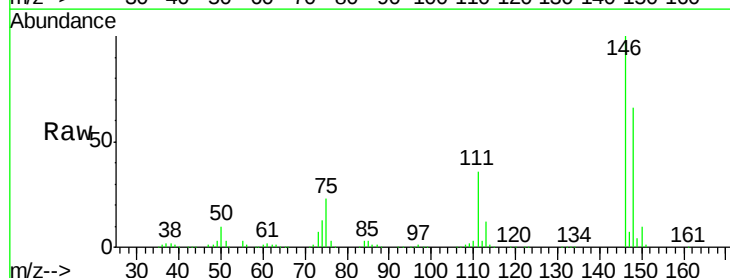
Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

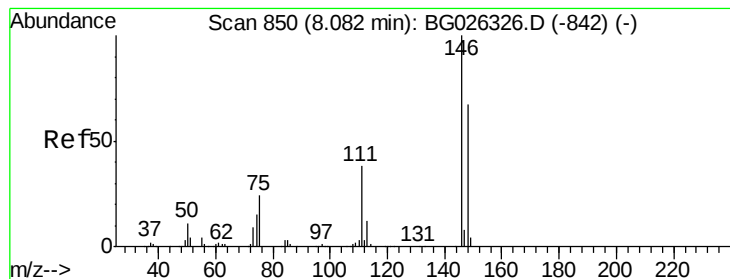
Tot Ion: 93 Resp: 378730  
Ion Ratio Lower Upper  
93 100  
63 70.0 78.5 118.5#  
95 31.5 9.8 49.8



#12  
1,3-Dichlorobenzene  
Concen: 42.70 ng  
RT: 7.93 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion: 146 Resp: 460894  
Ion Ratio Lower Upper  
146 100  
148 65.8 49.2 73.8  
75 23.2 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 42.71 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

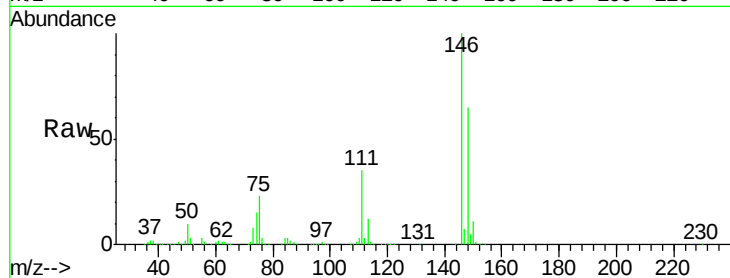
Tot Ion:146 Resp: 466288

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

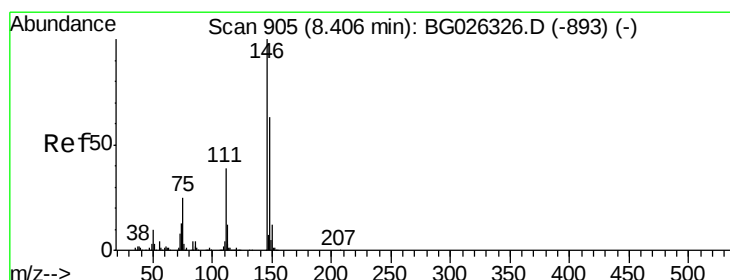
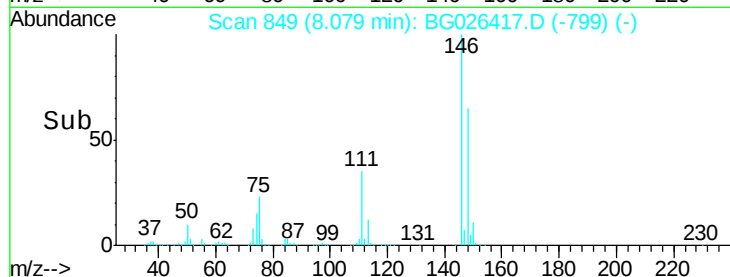
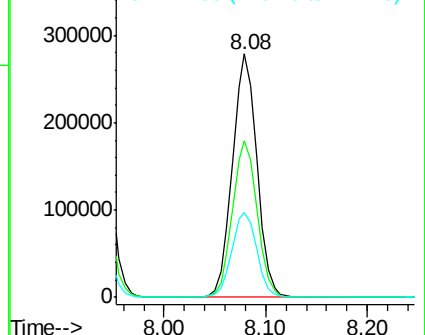
111 34.7 37.0 55.6#



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: 42.67 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

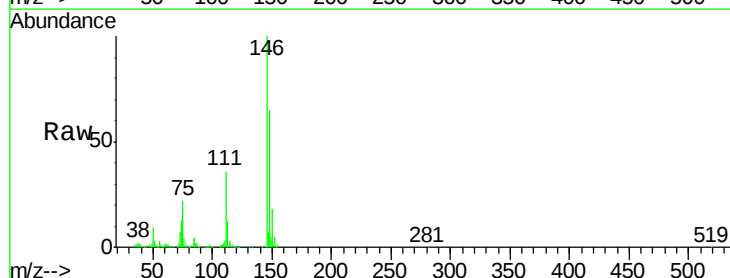
Tgt Ion:146 Resp: 445859

Ion Ratio Lower Upper

146 100

148 65.1 54.6 81.8

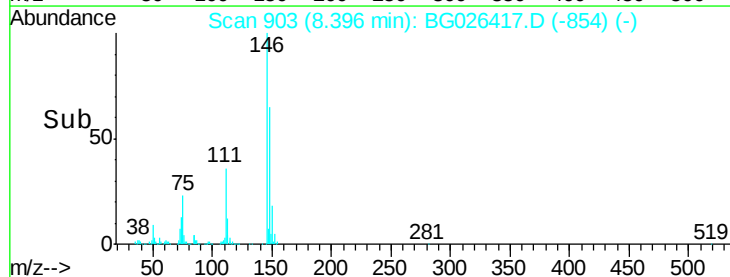
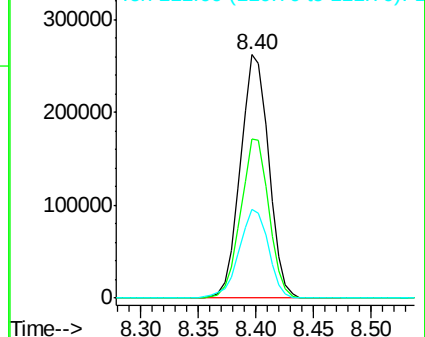
111 36.3 39.7 59.5#

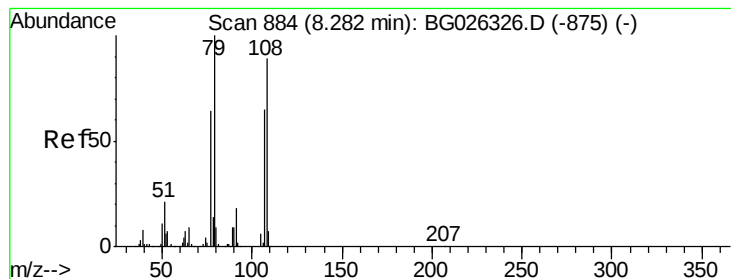


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.55 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

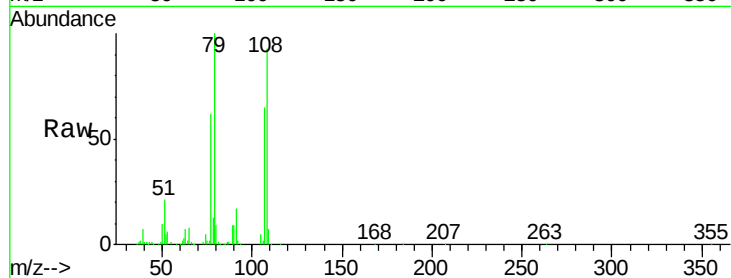
Tot Ion: 79 Resp: 301568

Ion Ratio Lower Upper

79 100

108 93.0 45.5 68.3#

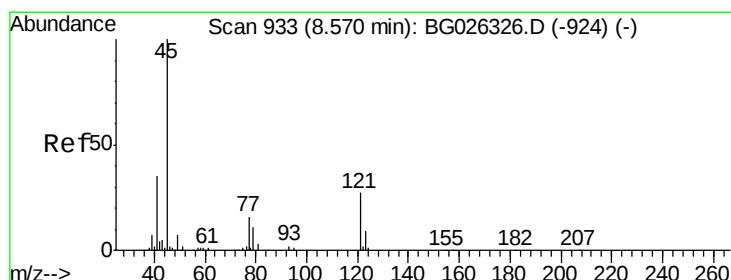
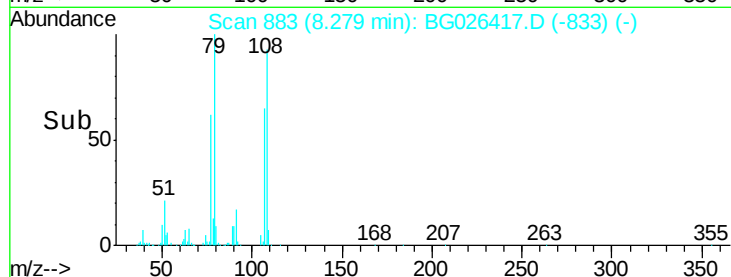
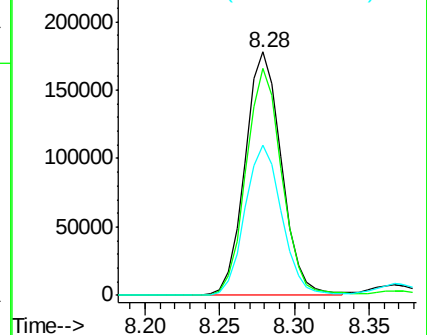
77 61.9 54.3 81.5



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: 33.48 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

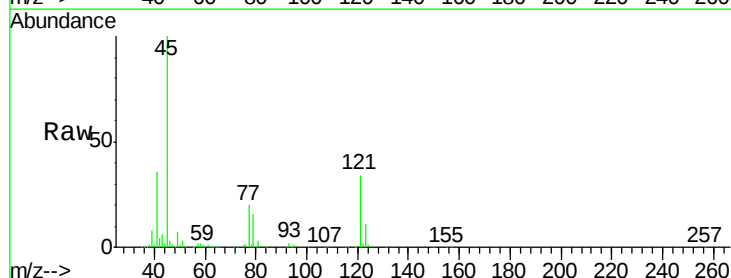
Tgt Ion: 45 Resp: 351693

Ion Ratio Lower Upper

45 100

77 20.1 0.0 30.6

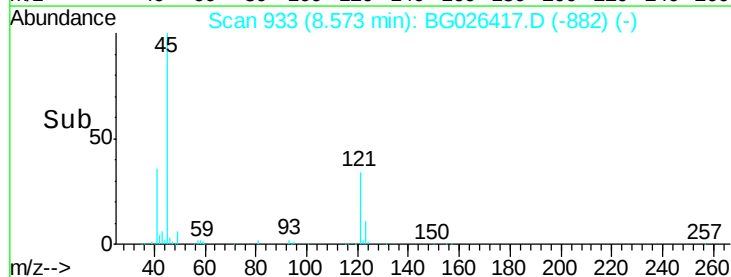
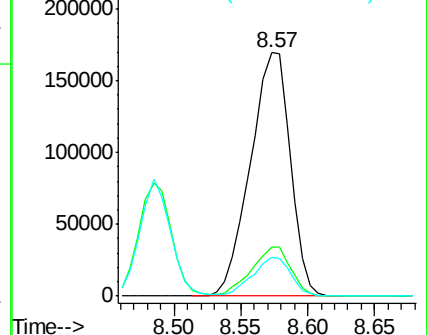
79 16.1 0.0 28.5

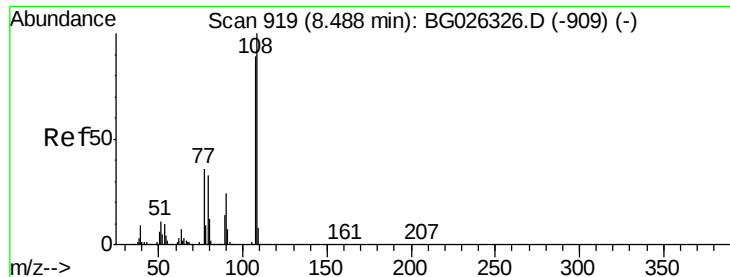


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.39 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

Tot Ion:107 Resp: 363637

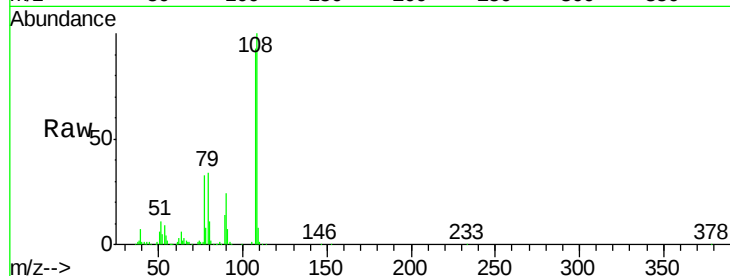
Ion Ratio Lower Upper

107 100

108 107.2 85.6 128.4

77 35.1 51.4 77.2#

79 36.6 49.2 73.8#

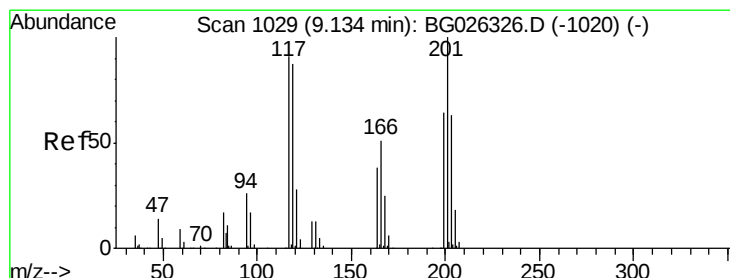
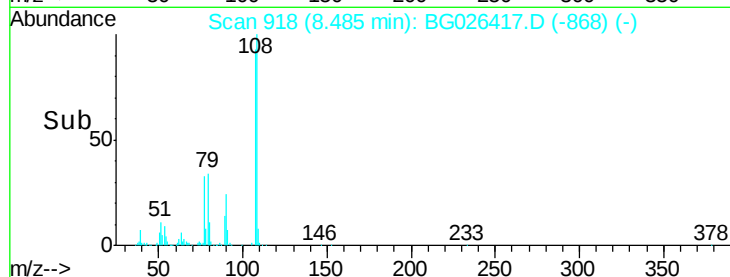
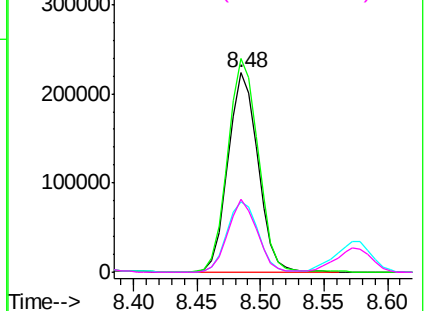


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.70 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

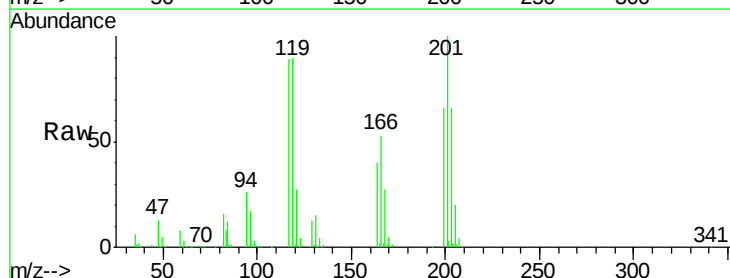
Tgt Ion:117 Resp: 145315

Ion Ratio Lower Upper

117 100

119 101.8 69.8 104.6

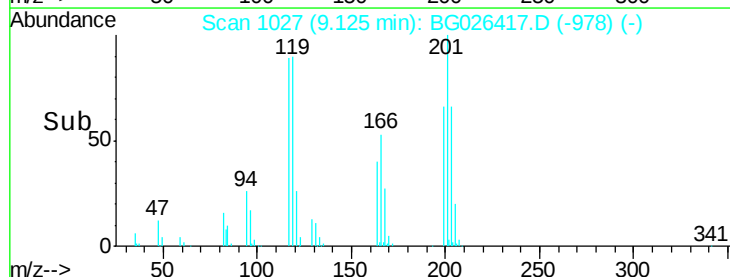
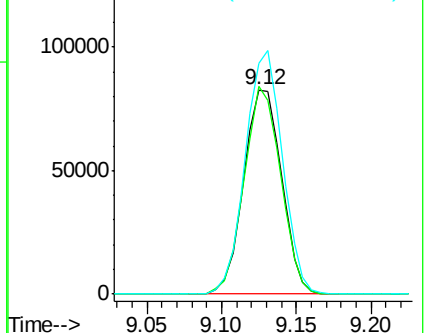
201 113.0 95.4 143.0

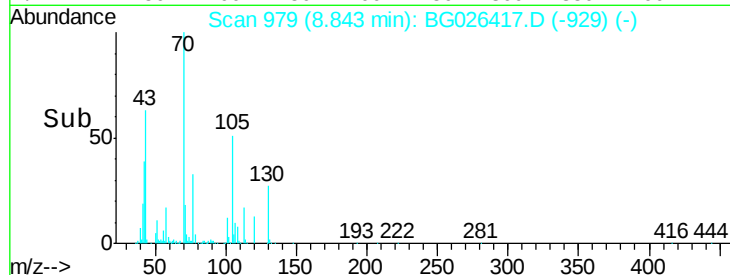
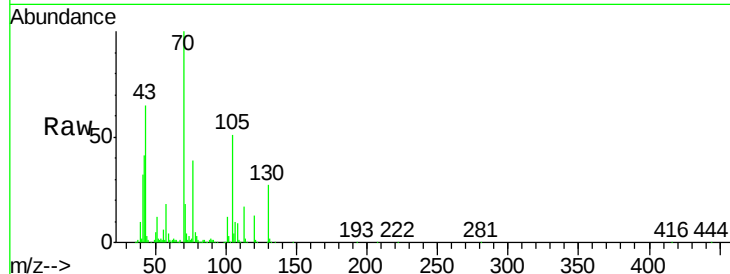
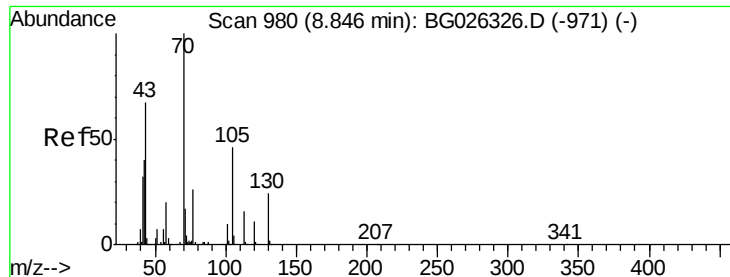


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

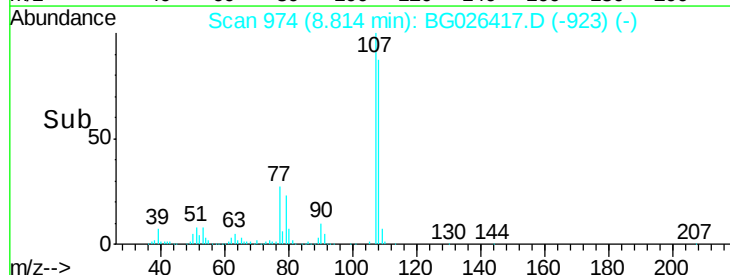
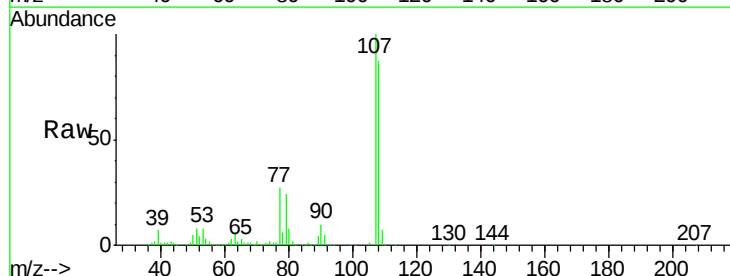
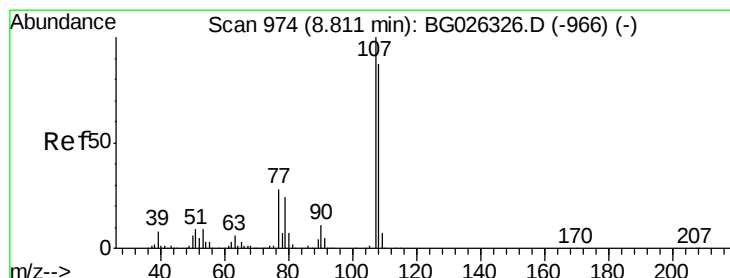
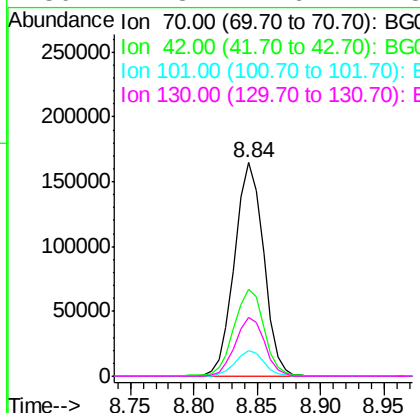




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.81 ng  
RT: 8.84 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

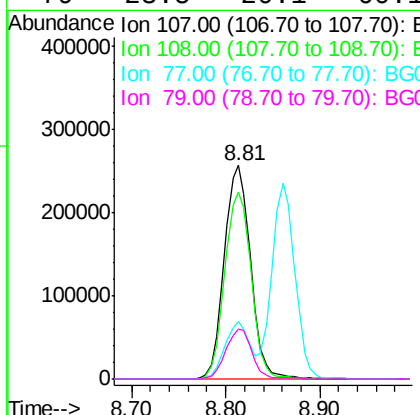
Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

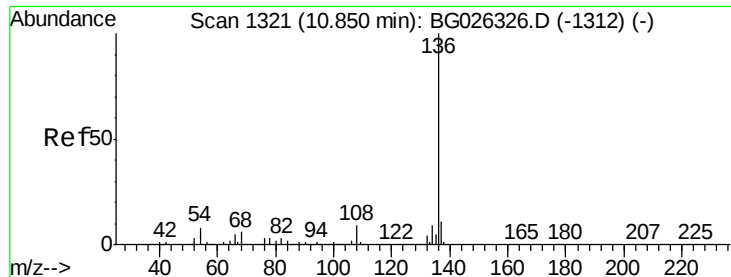
Tot Ion: 70 Resp: 262789  
Ion Ratio Lower Upper  
70 100  
42 40.6 56.1 84.1#  
101 12.2 7.5 11.3#  
130 27.3 14.6 21.8#



#20  
3+4-Methylphenols  
Concen: 44.23 ng  
RT: 8.81 min Scan# 974  
Delta R.T. 0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion: 107 Resp: 498888  
Ion Ratio Lower Upper  
107 100  
108 87.5 70.8 110.8  
77 27.0 25.8 65.8  
79 23.5 20.1 60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

Tot Ion:136 Resp: 590230

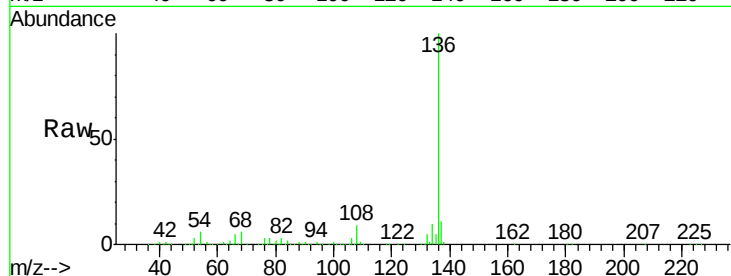
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 6.3 9.3 13.9#

68 5.8 5.1 7.7

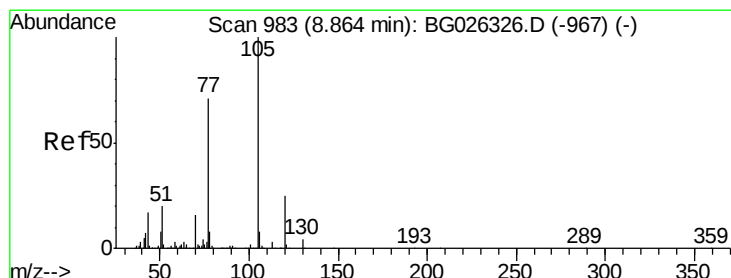
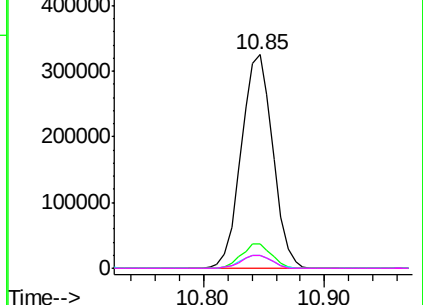
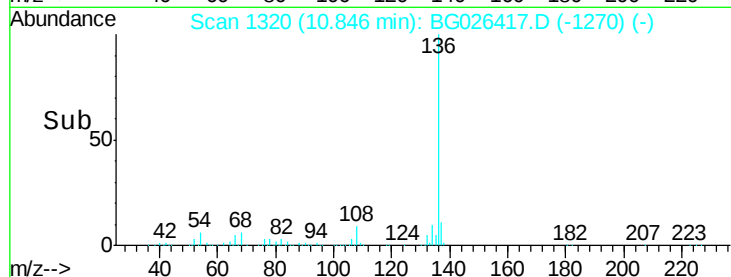


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.66 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Tgt Ion:105 Resp: 579039

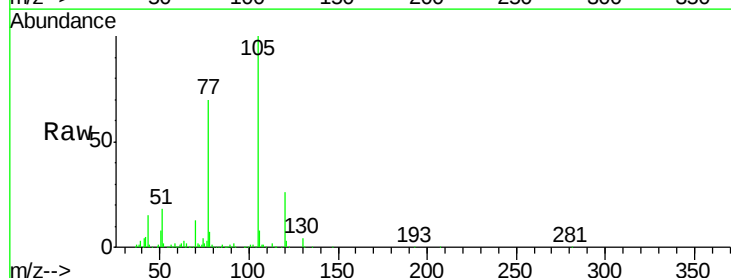
Ion Ratio Lower Upper

105 100

71 2.3 0.9 1.3#

51 18.5 34.0 51.0#

120 25.8 17.3 25.9

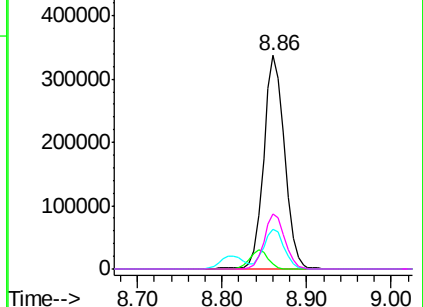
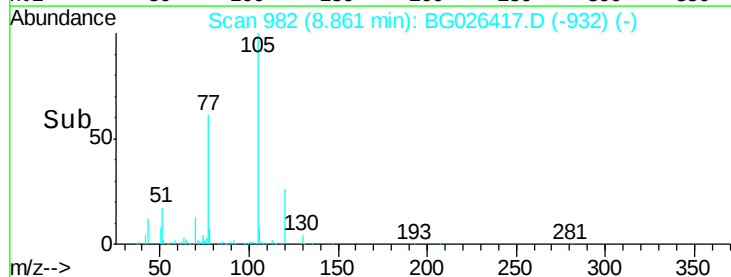


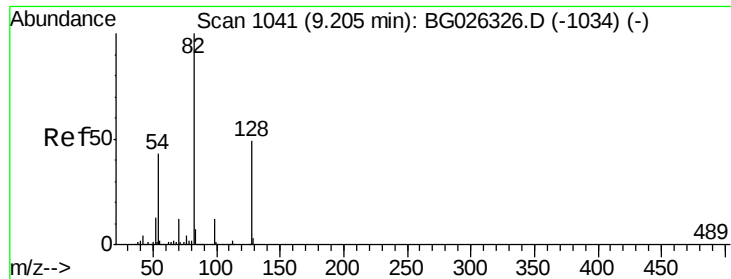
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

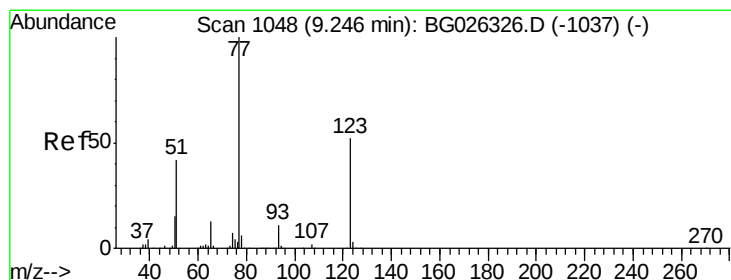
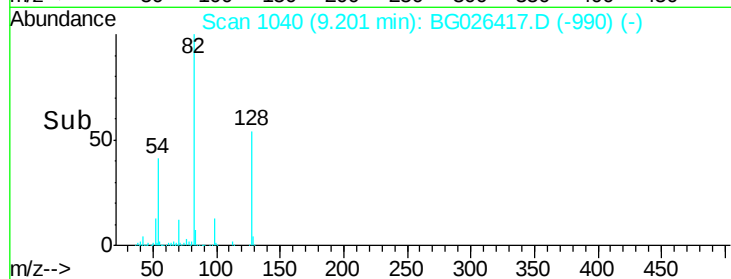
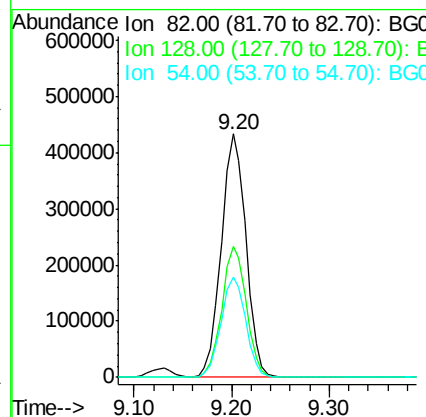
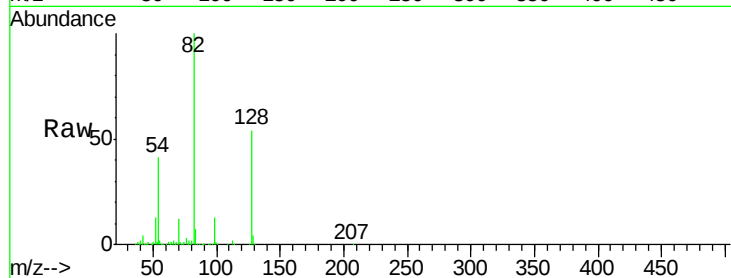




#23  
 Nitrobenzene-d5  
 Concen: 77.04 ng  
 RT: 9.20 min Scan# 1040  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

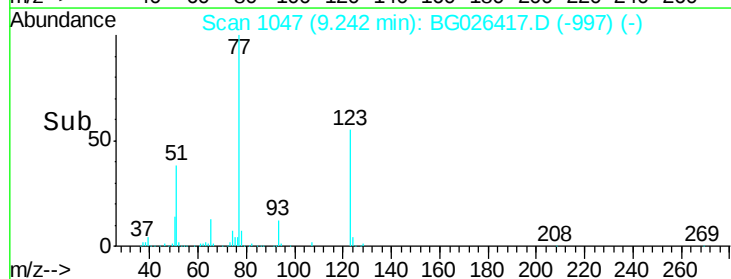
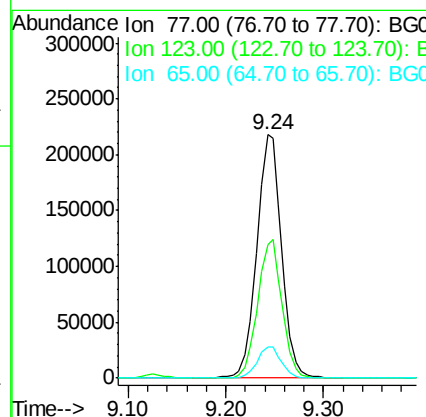
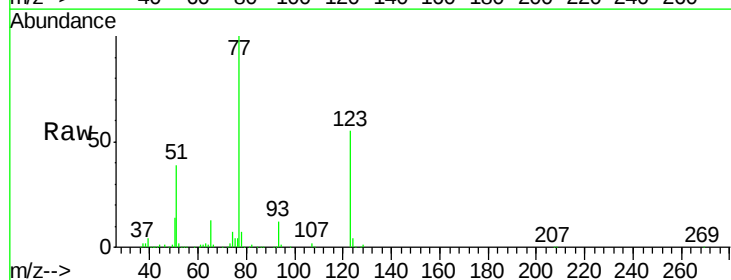
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

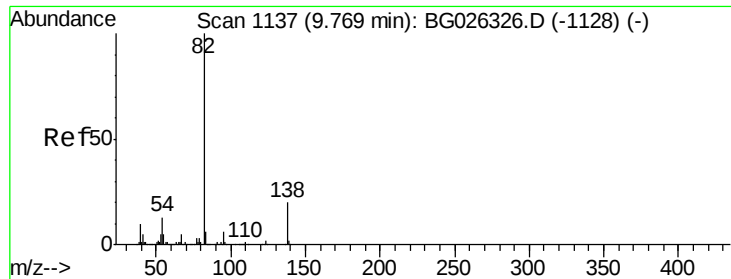
Tot Ion: 82 Resp: 756210  
 Ion Ratio Lower Upper  
 82 100  
 128 53.6 26.4 39.6#  
 54 41.0 49.4 74.2#



#24  
 Nitrobenzene  
 Concen: 40.19 ng  
 RT: 9.24 min Scan# 1047  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Tgt Ion: 77 Resp: 389498  
 Ion Ratio Lower Upper  
 77 100  
 123 55.1 26.1 39.1#  
 65 12.9 12.4 18.6





#25

Isophorone

Concen: 41.01 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

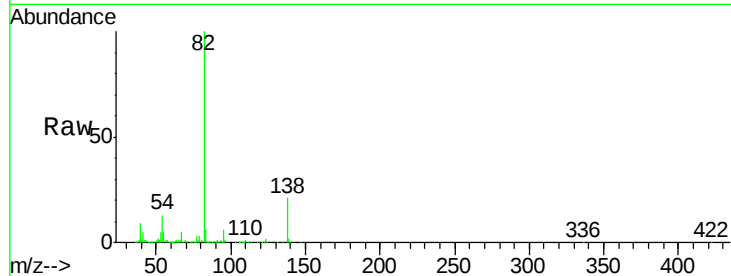
Tot Ion: 82 Resp: 758756

Ion Ratio Lower Upper

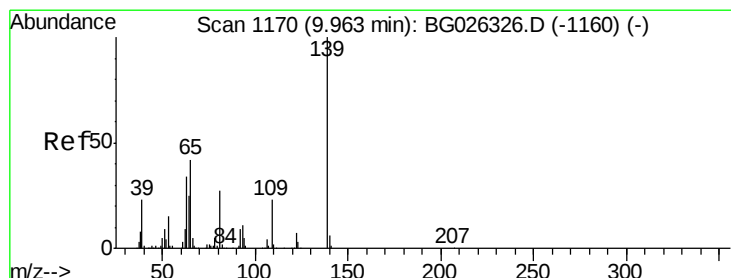
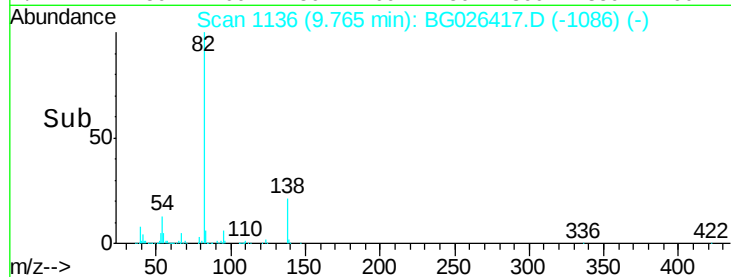
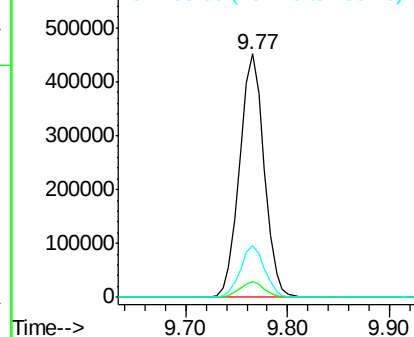
82 100

95 6.4 7.5 11.3#

138 21.3 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: 47.87 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

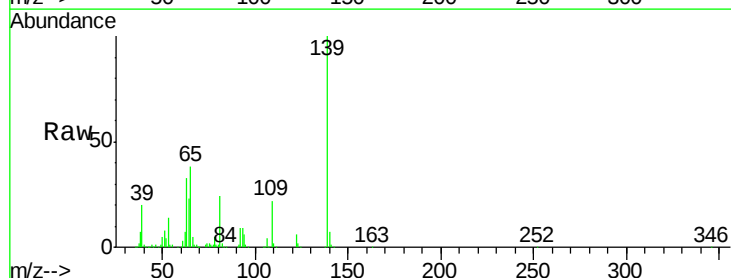
Tgt Ion: 139 Resp: 241429

Ion Ratio Lower Upper

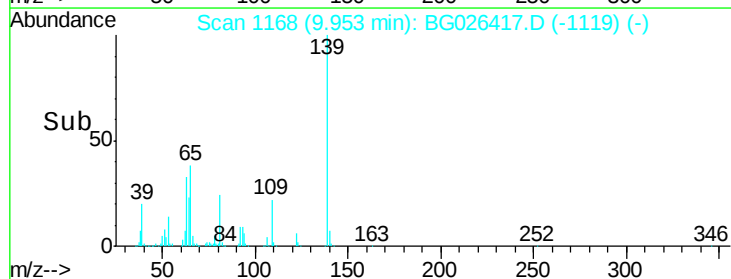
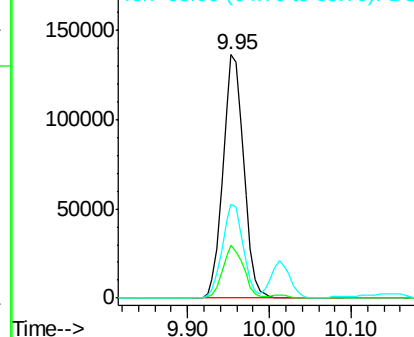
139 100

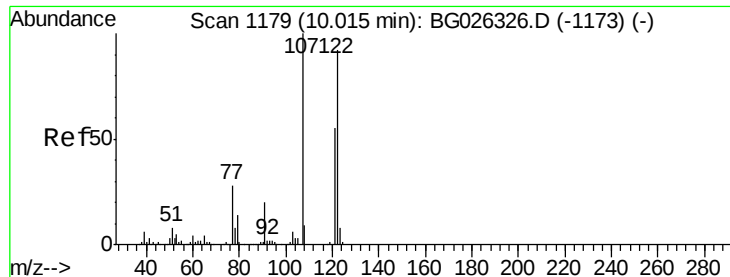
109 21.5 38.6 58.0#

65 38.3 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

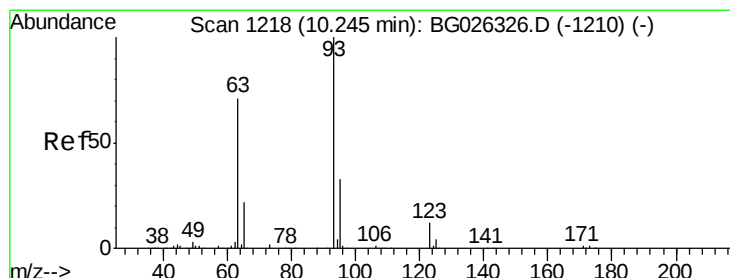
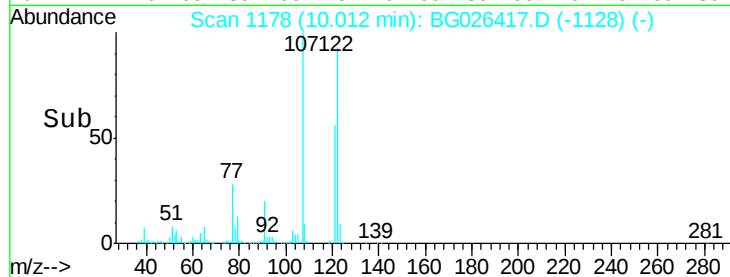
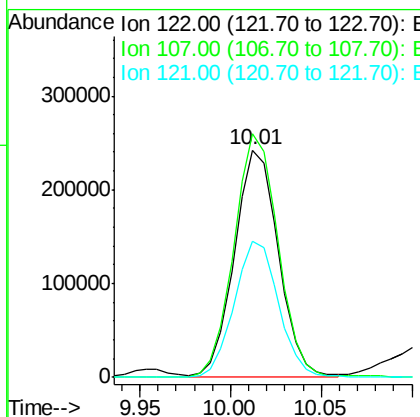
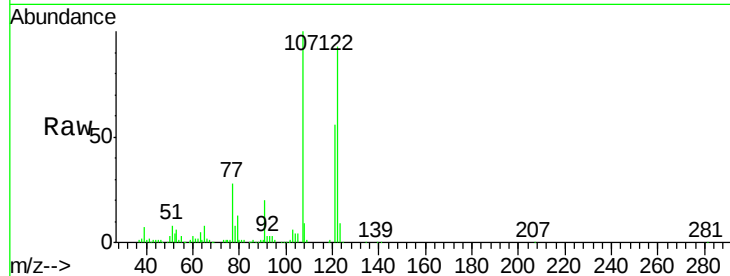




#27  
 2,4-Dimethylphenol  
 Concen: 49.03 ng  
 RT: 10.01 min Scan# 1178  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

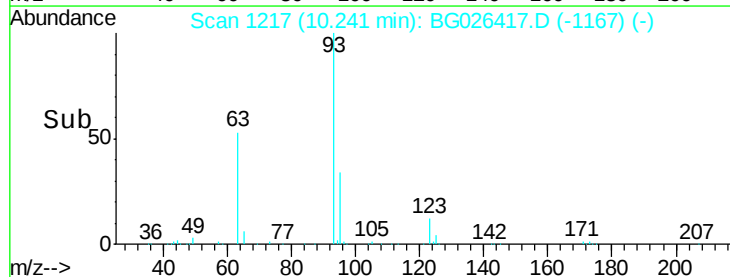
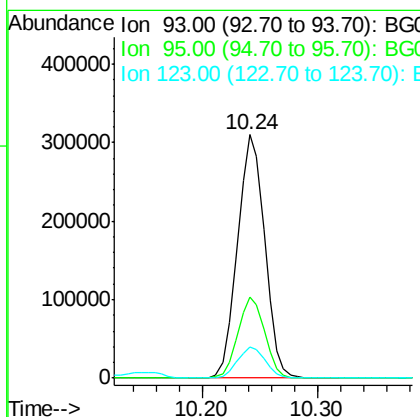
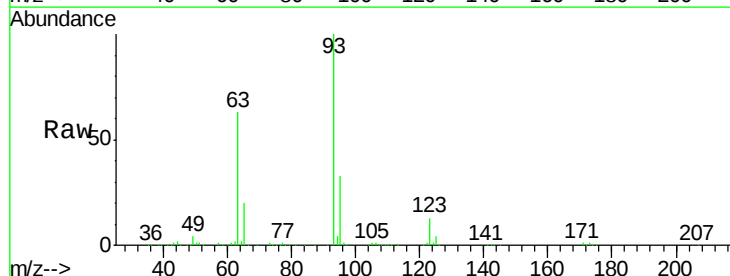
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

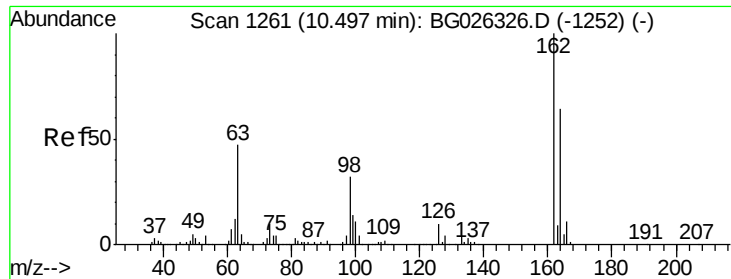
Tot Ion:122 Resp: 405842  
 Ion Ratio Lower Upper  
 122 100  
 107 107.2 104.2 156.4  
 121 60.2 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.04 ng  
 RT: 10.24 min Scan# 1217  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Tgt Ion: 93 Resp: 505308  
 Ion Ratio Lower Upper  
 93 100  
 95 33.2 25.7 38.5  
 123 12.8 8.3 12.5#

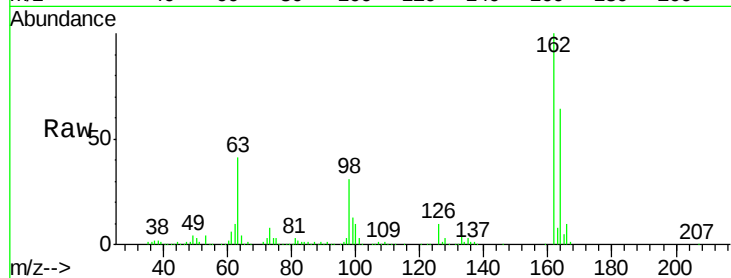




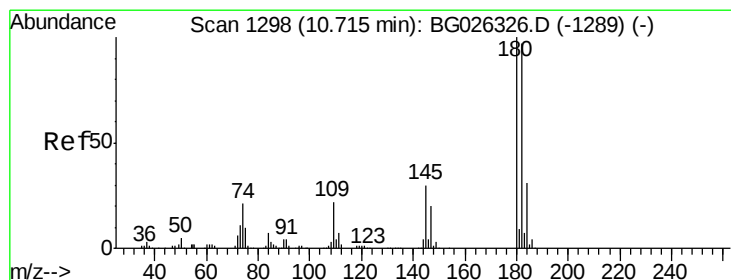
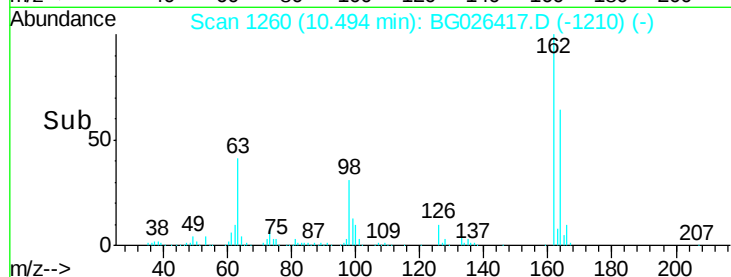
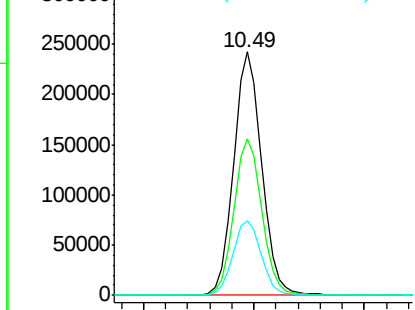
#29  
2,4-Dichlorophenol  
Concen: 51.60 ng  
RT: 10.49 min Scan# 1260  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

Tot Ion:162 Resp: 432010  
Ion Ratio Lower Upper  
162 100  
164 64.1 42.4 82.4  
98 30.8 20.3 60.3

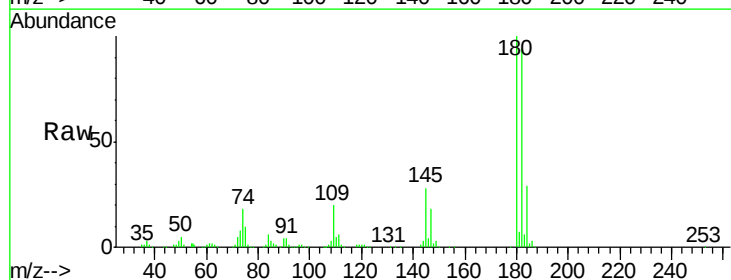


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

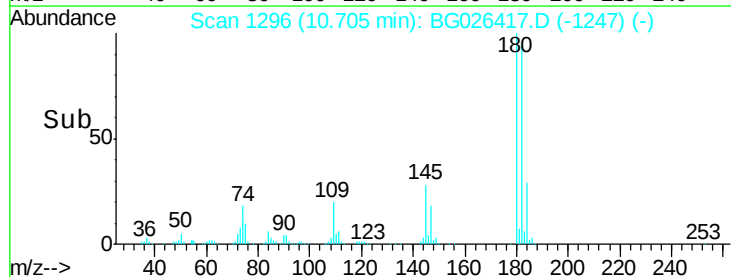
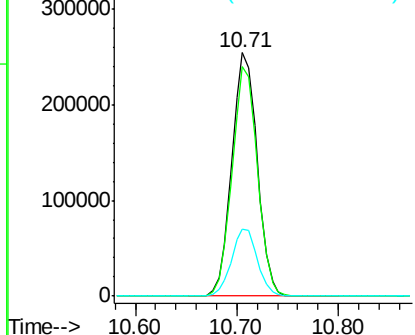


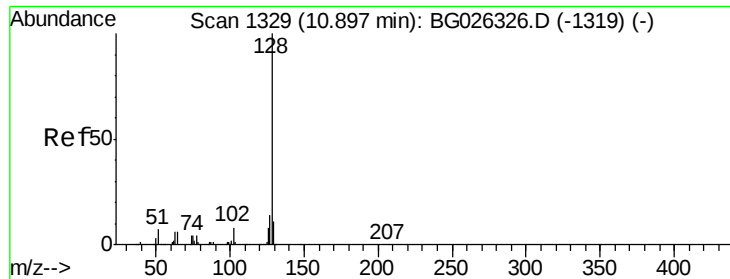
#30  
1,2,4-Trichlorobenzene  
Concen: 47.00 ng  
RT: 10.71 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:180 Resp: 442022  
Ion Ratio Lower Upper  
180 100  
182 94.3 77.0 115.4  
145 27.7 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

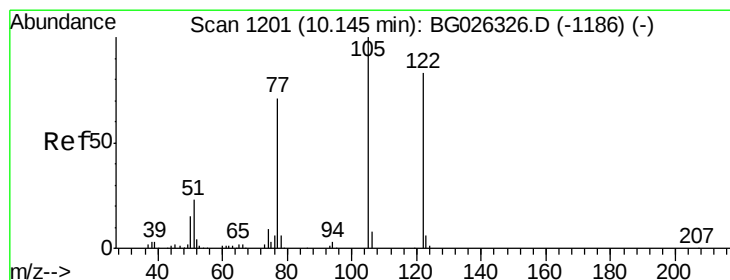
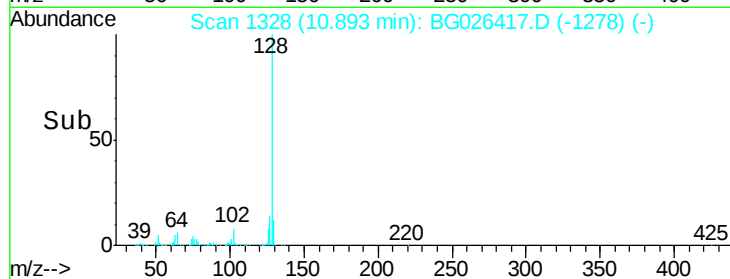
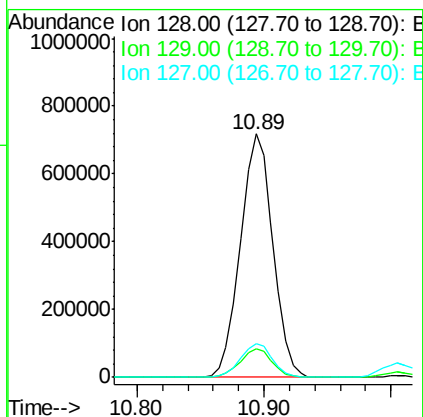
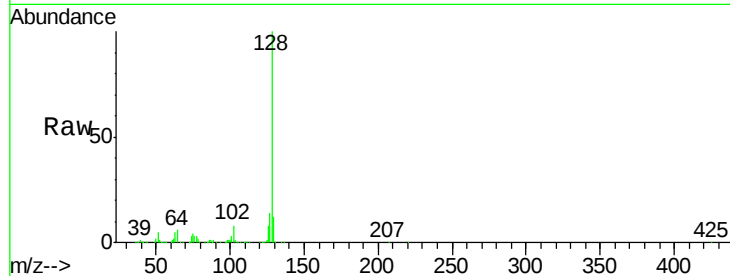




#31  
Naphthalene  
Concen: 42.61 ng  
RT: 10.89 min Scan# 1328  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

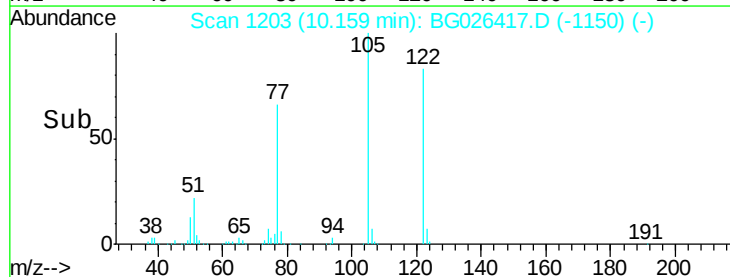
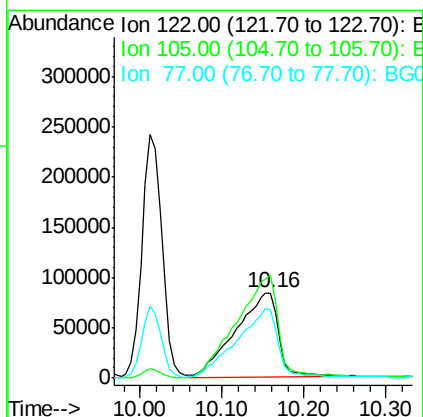
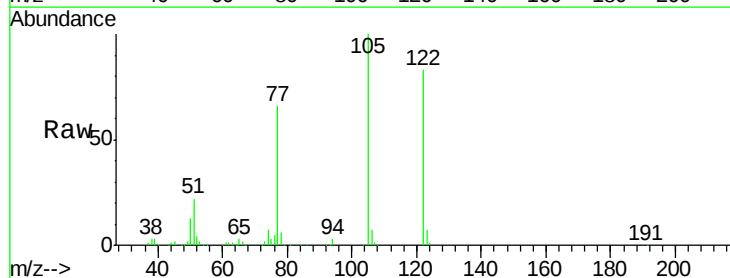
Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

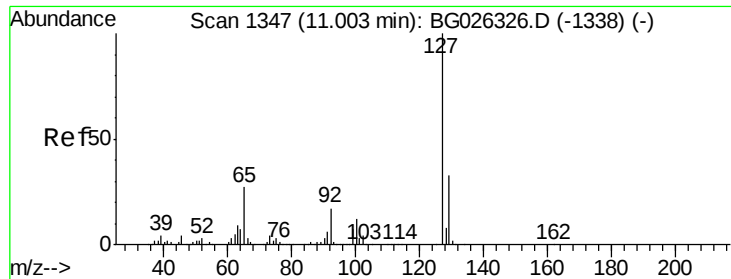
Tot Ion:128 Resp: 1271501  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.3 13.9  
127 13.8 11.4 17.0



#32  
Benzoic acid  
Concen: 47.51 ng  
RT: 10.16 min Scan# 1203  
Delta R.T. 0.01 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:122 Resp: 302656  
Ion Ratio Lower Upper  
122 100  
105 121.1 120.1 160.1  
77 80.5 104.6 144.6#

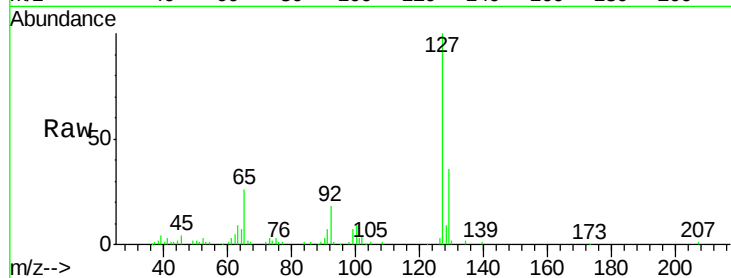




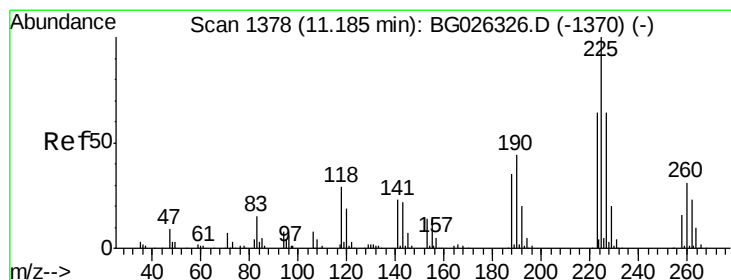
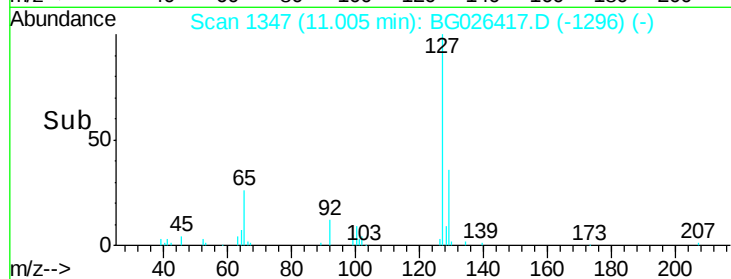
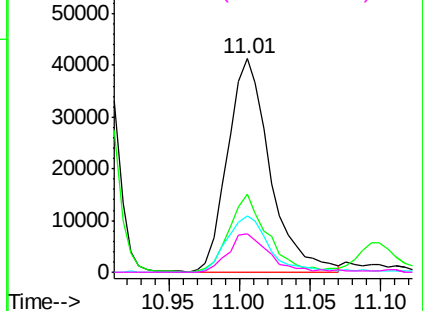
#33  
4-Chloroaniline  
Concen: 7.14 ng  
RT: 11.01 min Scan# 1347  
Delta R.T. 0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 86679 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 36.3  | 23.6  | 35.4# |
| 65       | 26.1  | 37.7  | 56.5# |
| 92       | 18.1  | 17.6  | 26.4  |

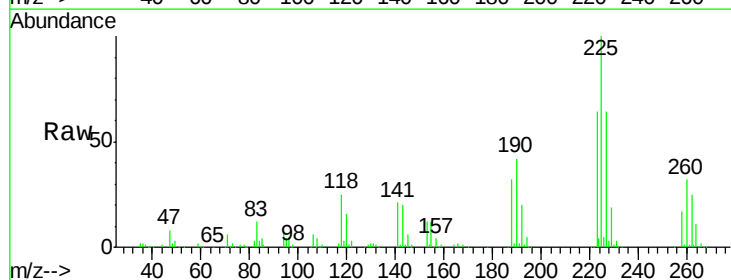


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

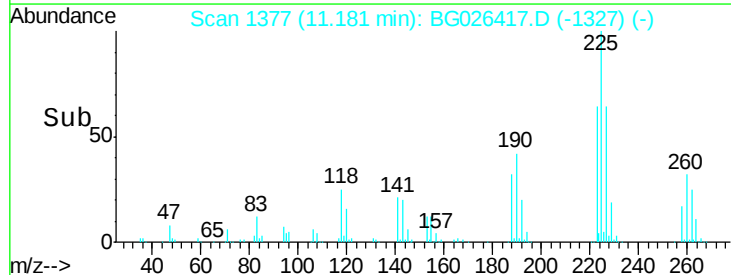
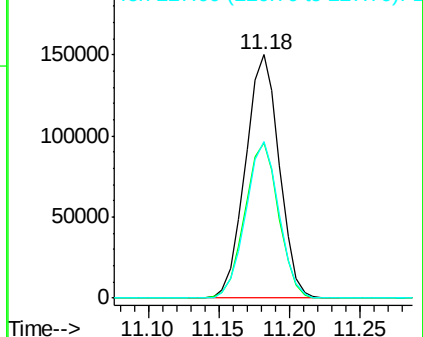


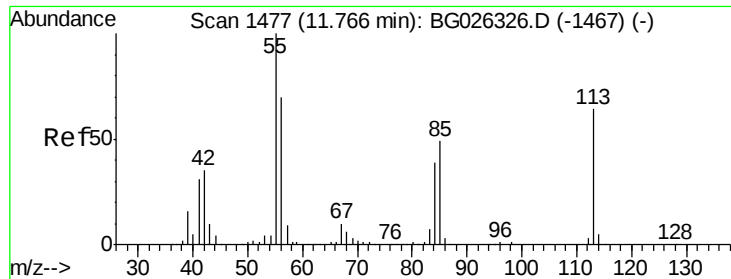
#34  
Hexachlorobutadiene  
Concen: 45.40 ng  
RT: 11.18 min Scan# 1377  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 251870 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.8  | 50.7  | 76.1   |
| 227      | 64.1  | 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: 45.85 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

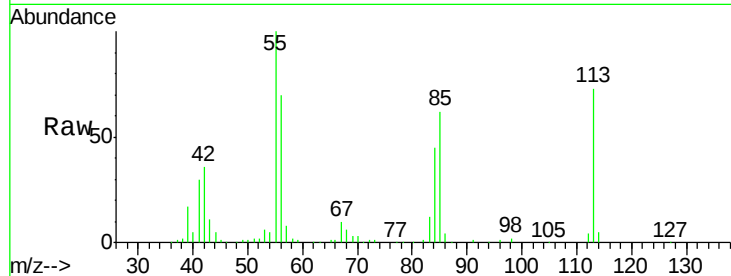
Tot Ion:113 Resp: 151248

Ion Ratio Lower Upper

113 100

55 137.2 198.6 238.6#

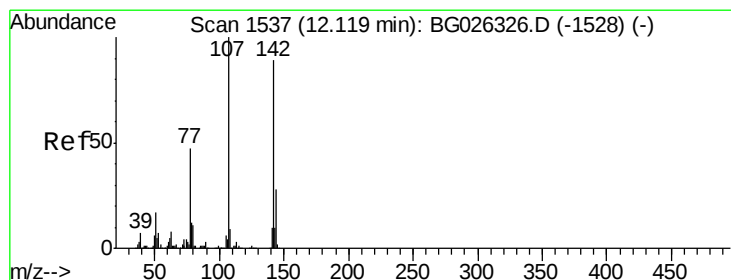
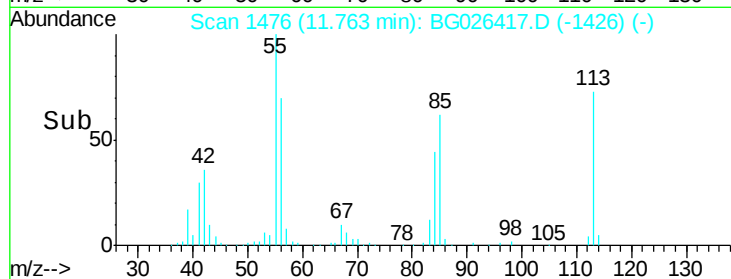
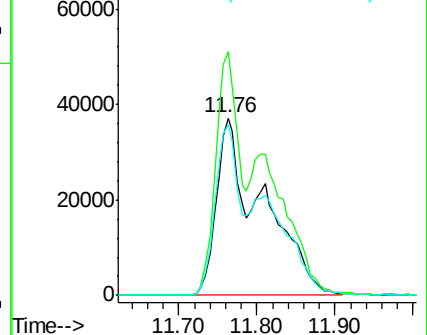
56 96.1 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.23 ng/ml

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

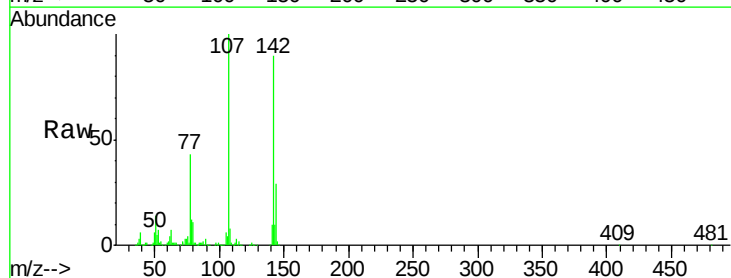
Tgt Ion:107 Resp: 422955

Ion Ratio Lower Upper

107 100

144 29.3 17.4 26.0#

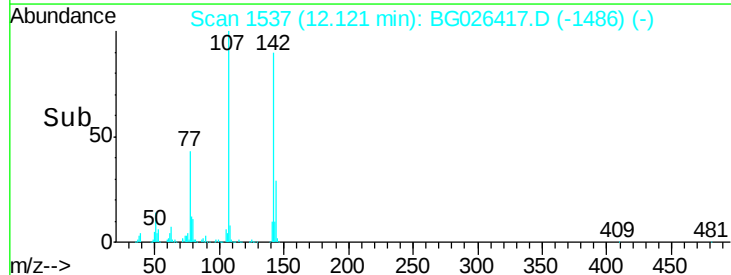
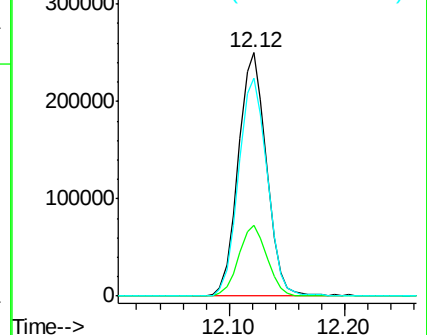
142 89.7 54.1 81.1#

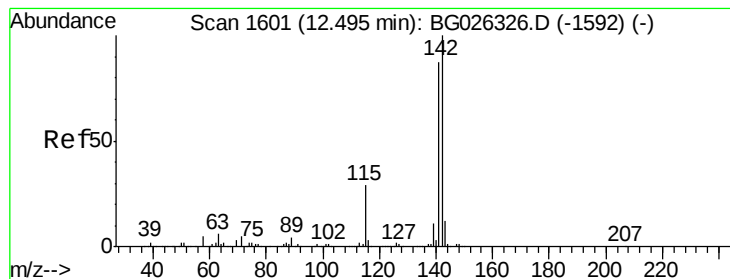


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

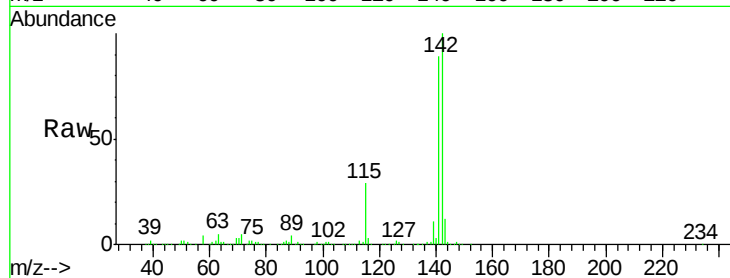




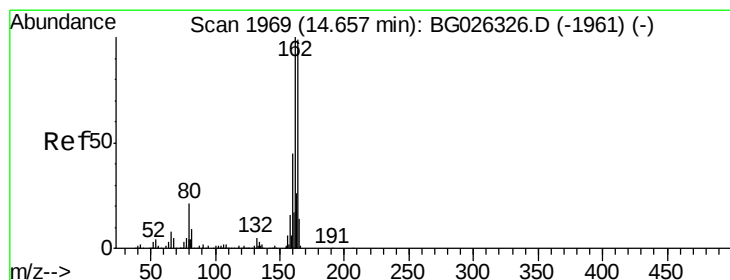
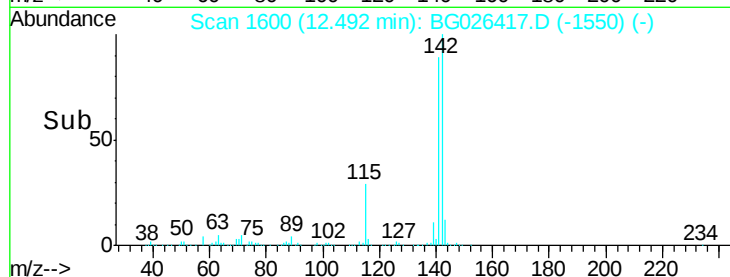
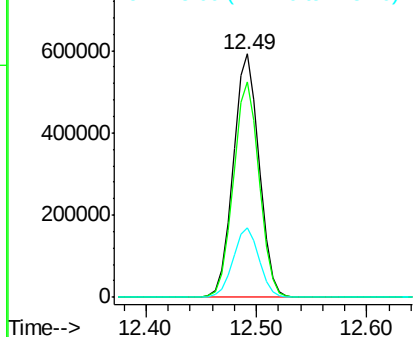
#37  
 2-Methylnaphthalene  
 Concen: 44.42 ng  
 RT: 12.49 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.5  | 70.4  | 105.6 |
| 115     | 28.7  | 35.5  | 53.3  |

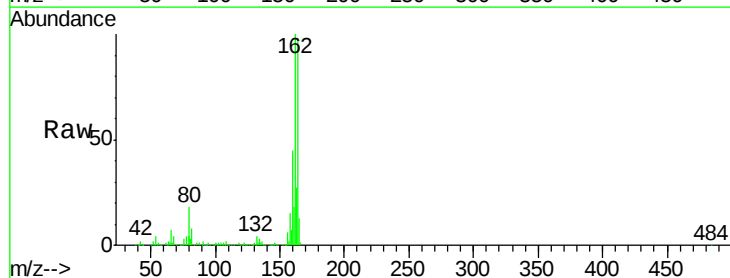


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

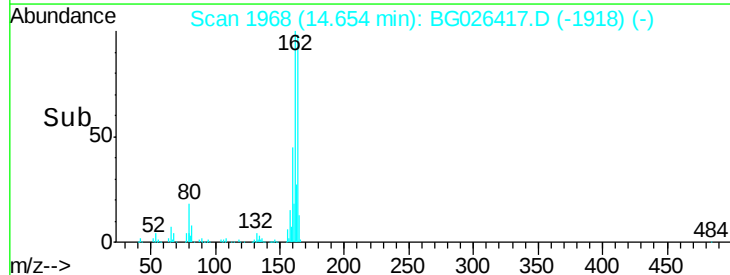
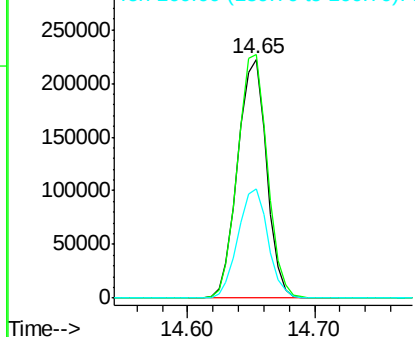


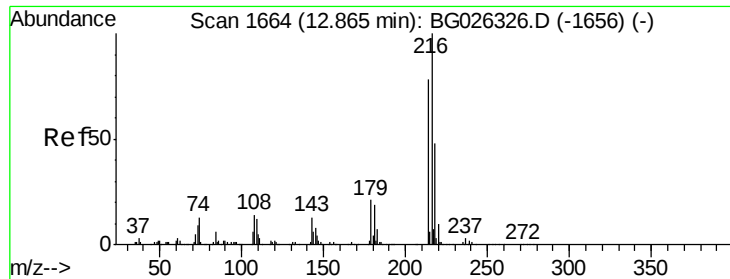
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.65 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 85.1  | 127.7 |
| 160     | 45.6  | 34.7  | 52.1  |



Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

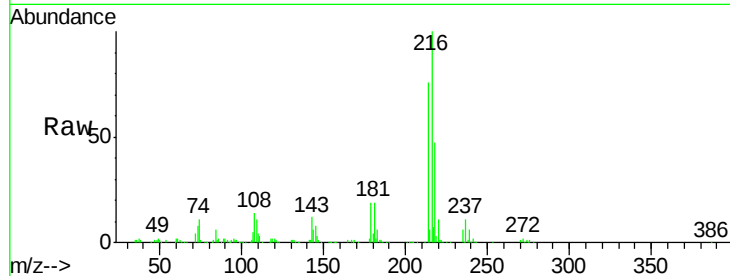




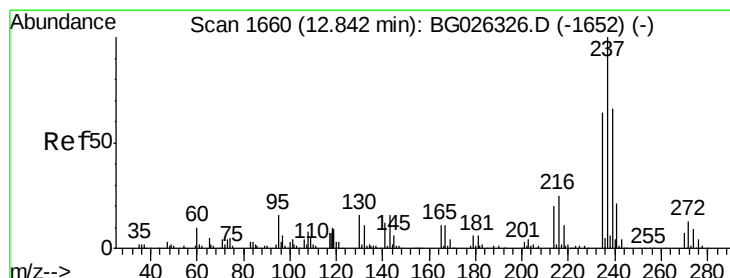
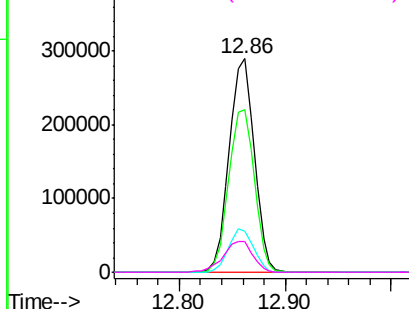
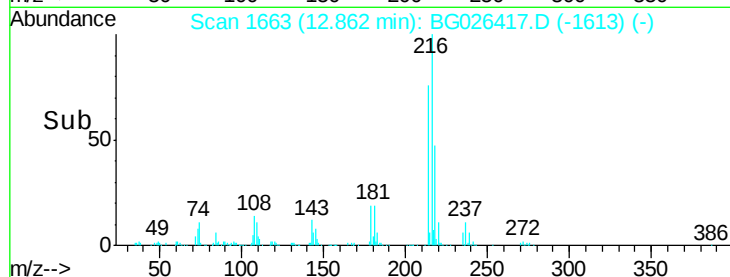
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.80 ng  
 RT: 12.86 min Scan# 1663  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 474155    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 78.0  | 64.4 96.6 |
| 179         | 20.2  | 17.4 26.0 |
| 108         | 17.2  | 15.6 23.4 |

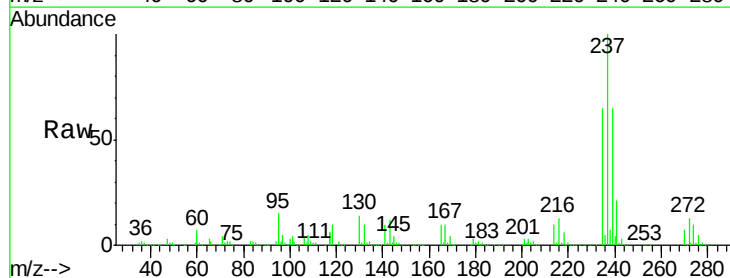


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

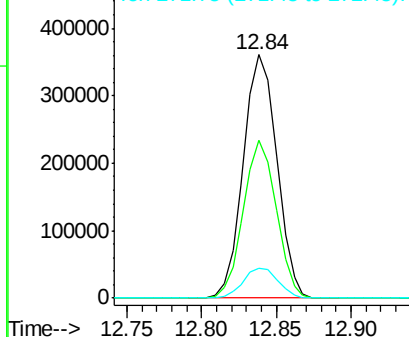
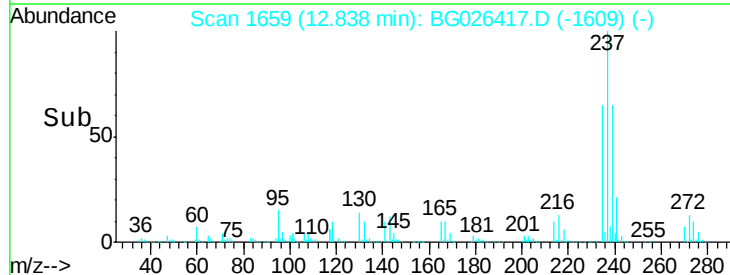


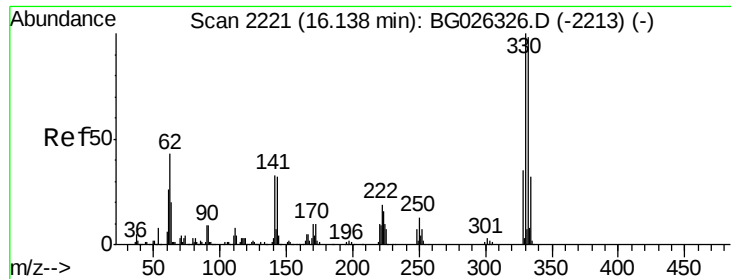
#40  
 Hexachlorocyclopentadiene  
 Concen: 100.97 ng  
 RT: 12.84 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 562490    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.8  | 39.4 79.4 |
| 272         | 12.5  | 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

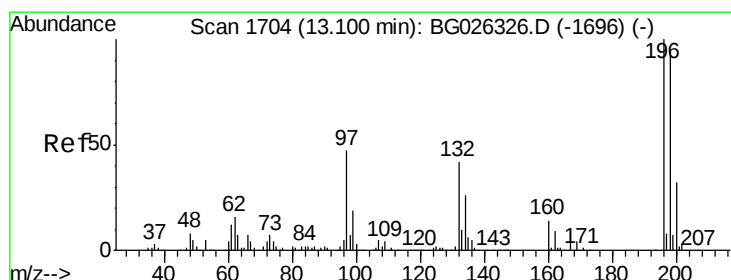
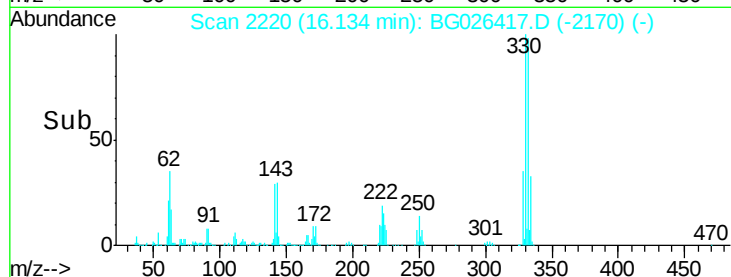
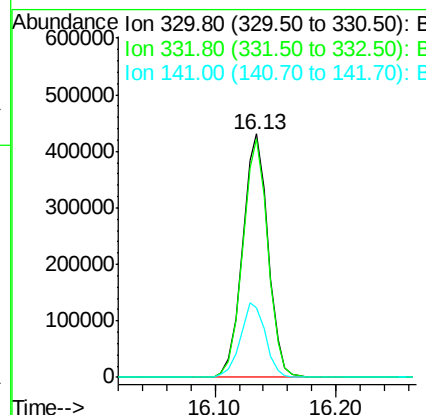
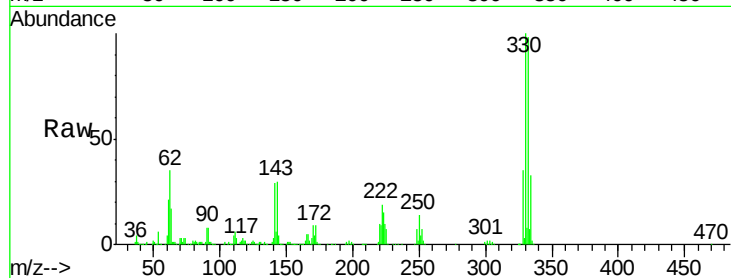




#41  
 2,4,6-Tribromophenol  
 Concen: 156.85 ng  
 RT: 16.13 min Scan# 2220  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

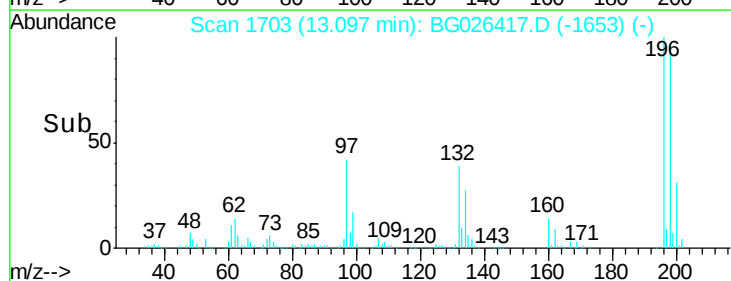
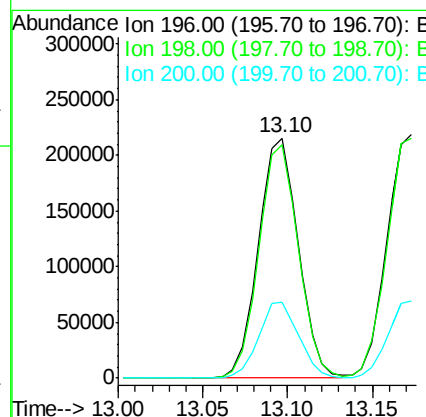
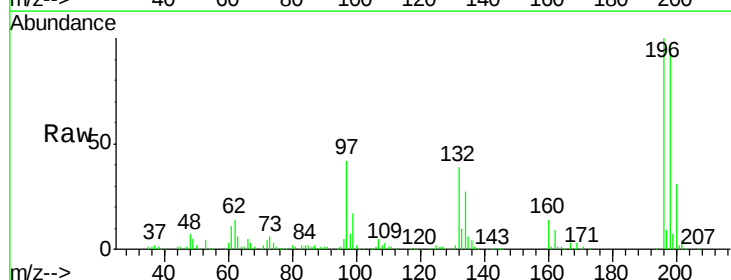
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

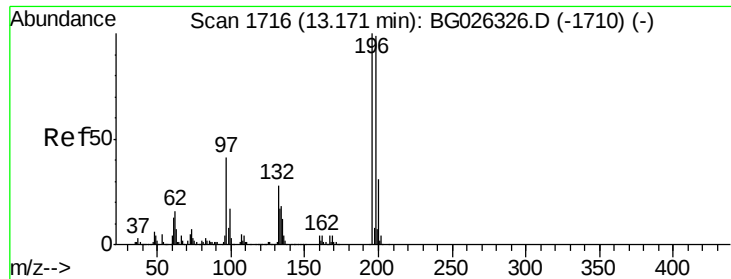
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.9  | 77.3  | 115.9 |
| 141     | 30.5  | 32.1  | 48.1# |



#42  
 2,4,6-Trichlorophenol  
 Concen: 50.83 ng  
 RT: 13.10 min Scan# 1703  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.1  | 81.4  | 122.2 |
| 200     | 31.5  | 27.0  | 40.6  |

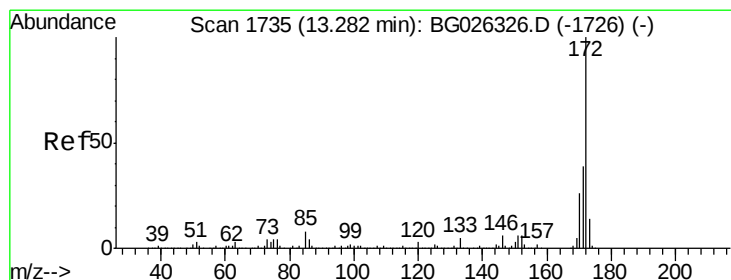
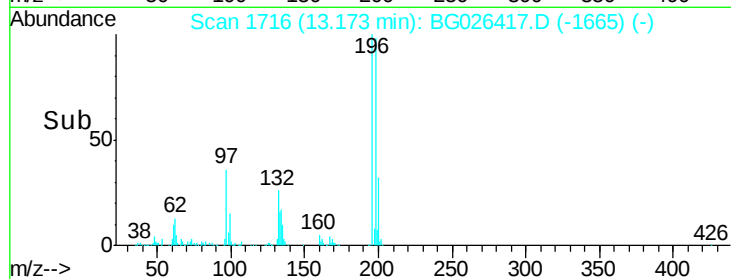
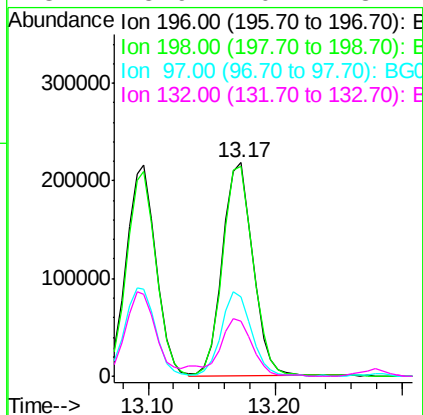
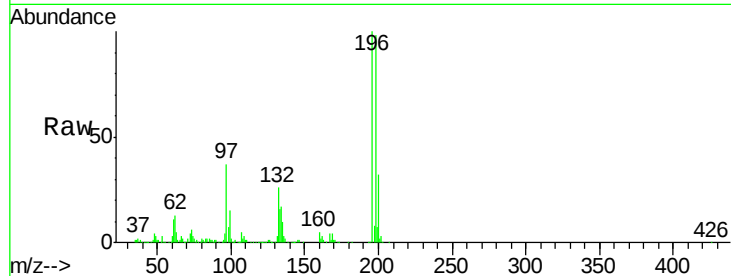




#43  
 2,4,5-Trichlorophenol  
 Concen: 47.55 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

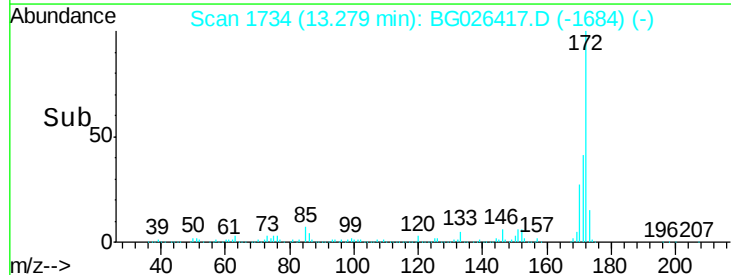
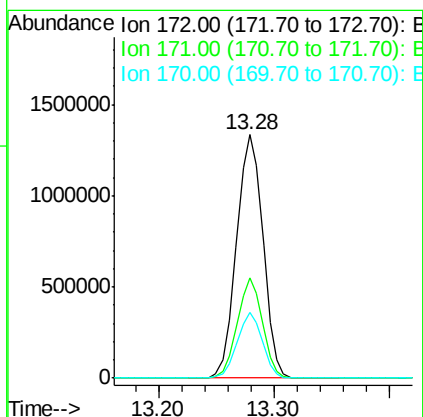
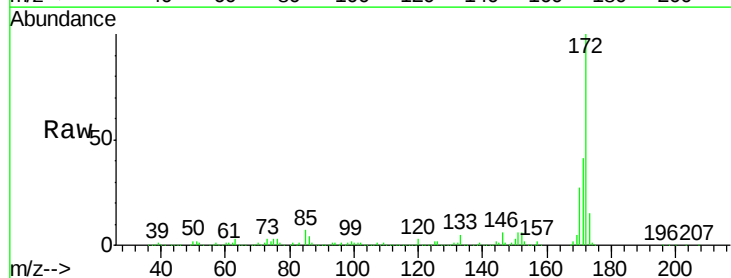
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

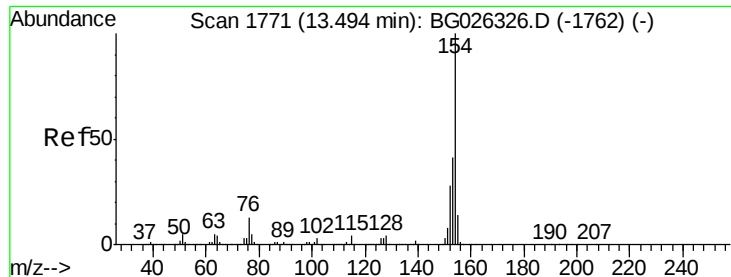
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.4  | 79.9  | 119.9 |
| 97      | 37.0  | 45.4  | 68.0  |
| 132     | 25.9  | 20.7  | 31.1  |



#44  
 2-Fluorobiphenyl  
 Concen: 83.96 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 41.0  | 32.2  | 48.2  |
| 170     | 27.0  | 21.8  | 32.6  |

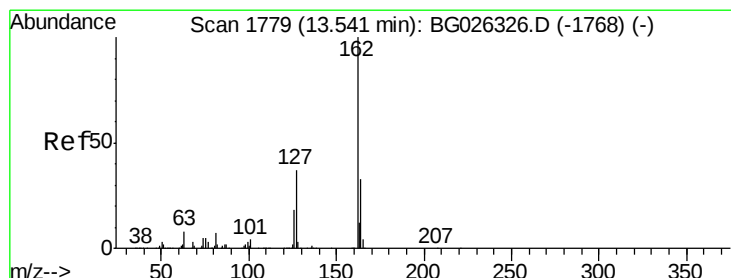
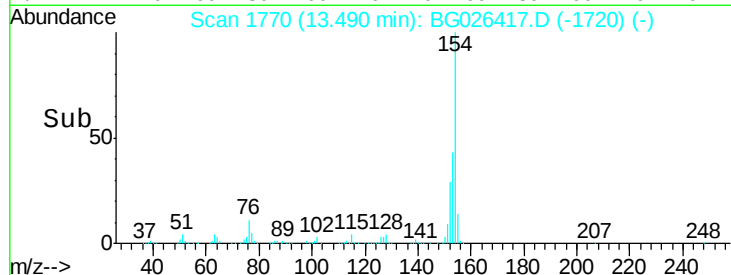
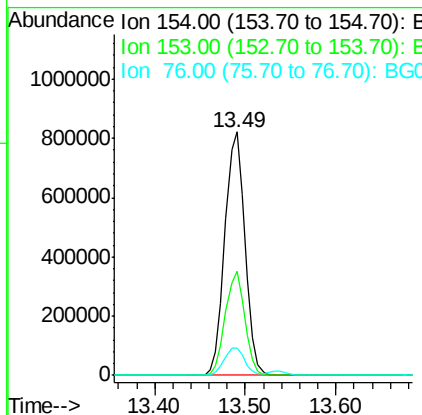
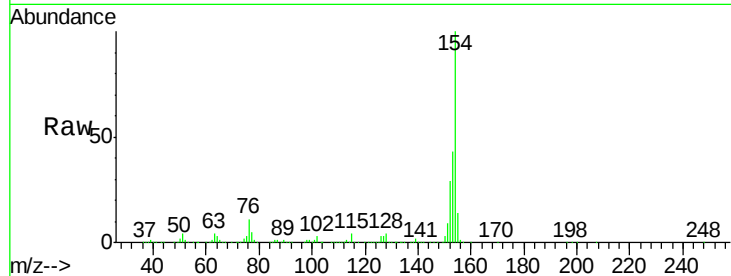




#45  
 1,1'-Biphenyl  
 Concen: 43.29 ng  
 RT: 13.49 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

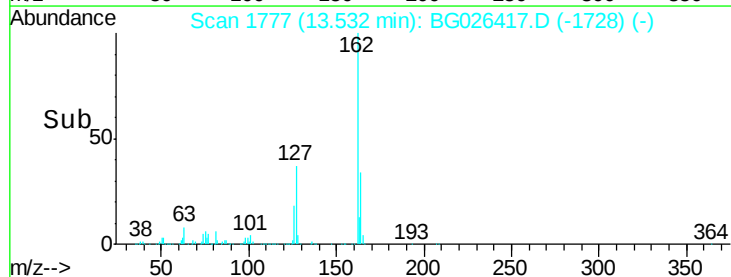
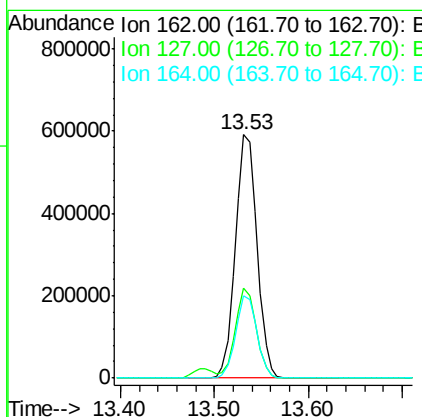
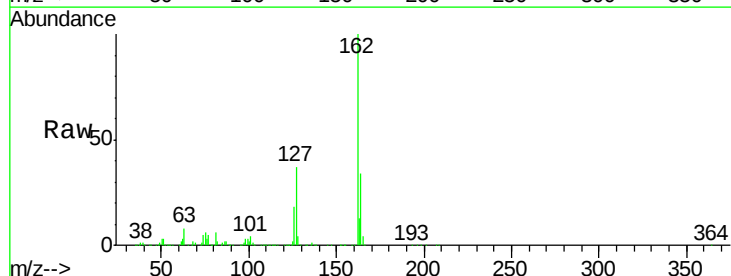
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB97805BS

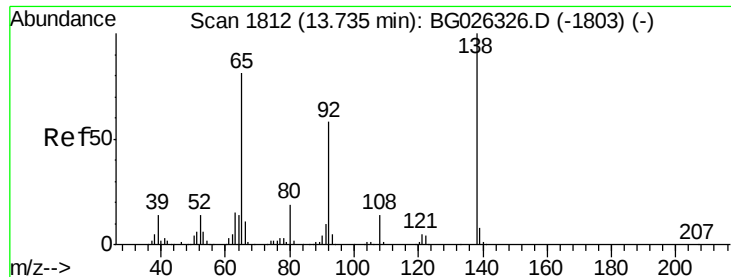
Tot Ion:154 Resp: 1261136  
 Ion Ratio Lower Upper  
 154 100  
 153 42.9 23.0 63.0  
 76 11.2 0.0 33.5



#46  
 2-Chloronaphthalene  
 Concen: 44.65 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.01 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Tgt Ion:162 Resp: 950017  
 Ion Ratio Lower Upper  
 162 100  
 127 36.9 32.2 48.4  
 164 34.0 27.3 40.9

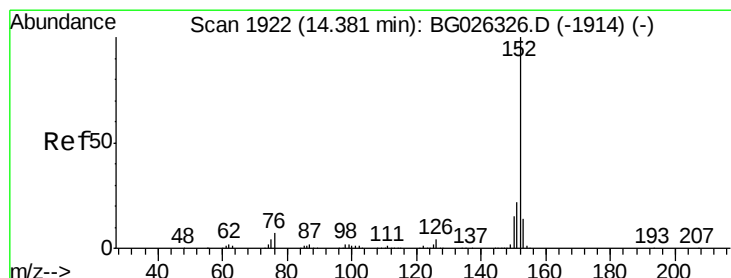
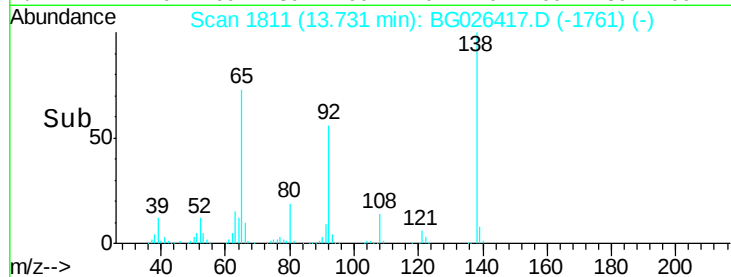
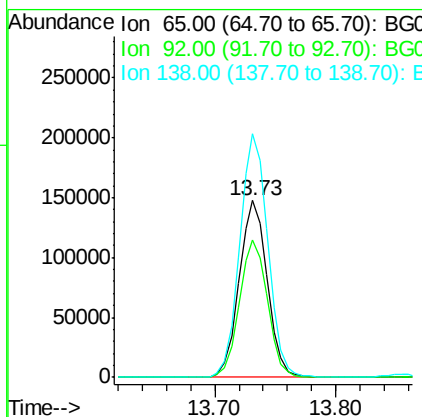
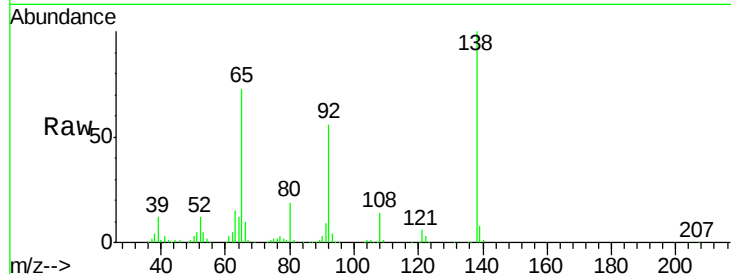




#47  
 2-Nitroaniline  
 Concen: 39.65 ng  
 RT: 13.73 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

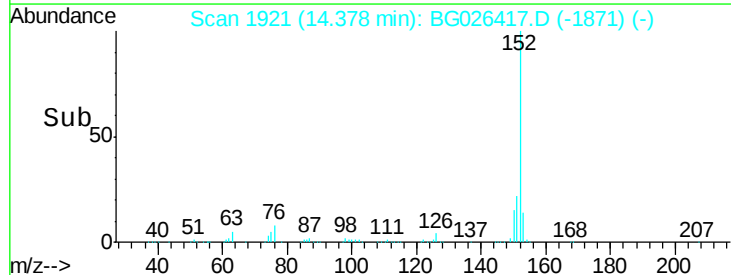
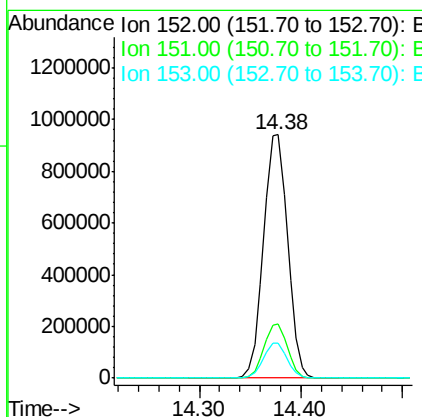
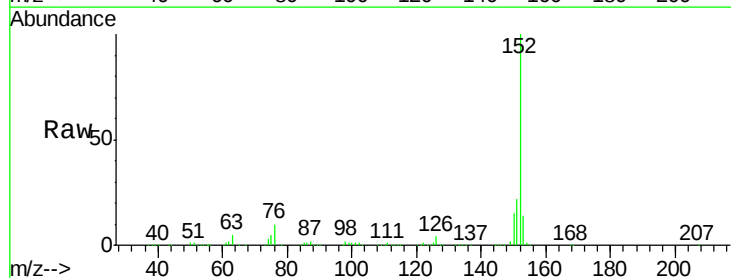
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

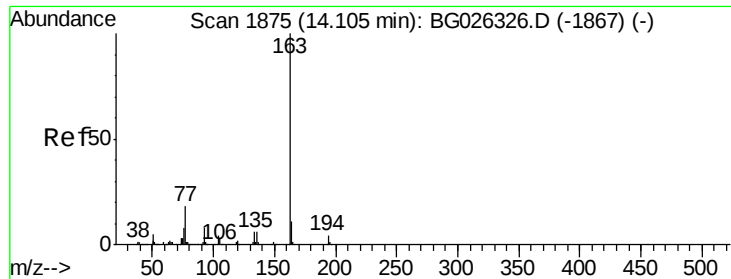
Tot Ion: 65 Resp: 239874  
 Ion Ratio Lower Upper  
 65 100  
 92 77.5 49.0 73.4#  
 138 137.7 58.6 87.8#



#48  
 Acenaphthylene  
 Concen: 42.11 ng  
 RT: 14.38 min Scan# 1921  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Tgt Ion: 152 Resp: 1561899  
 Ion Ratio Lower Upper  
 152 100  
 151 22.4 18.2 27.2  
 153 14.2 11.3 16.9

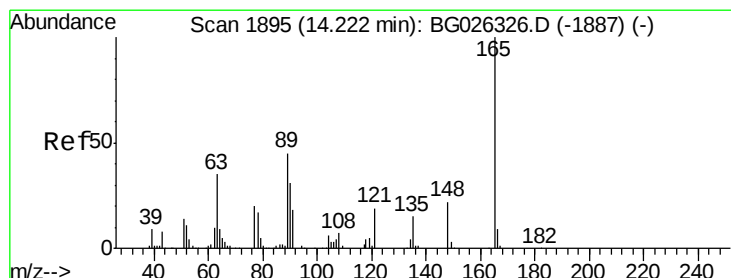
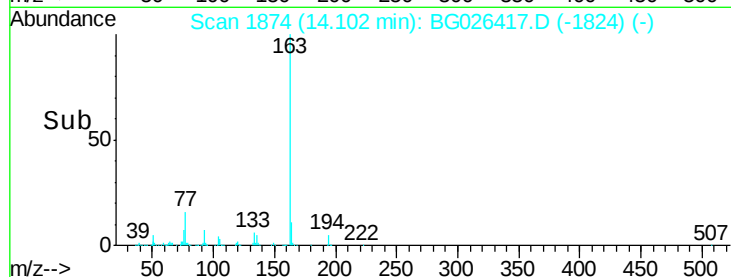
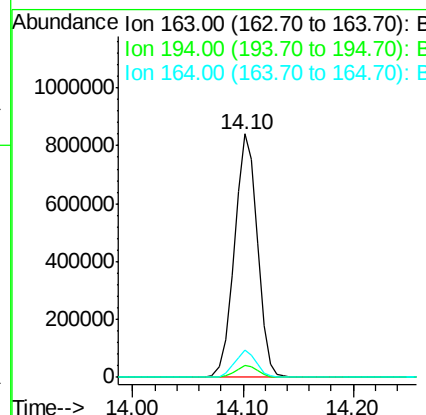
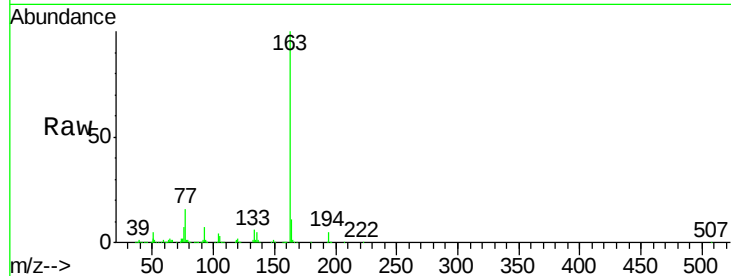




#49  
Dimethylphthalate  
Concen: 46.07 ng  
RT: 14.10 min Scan# 1874  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

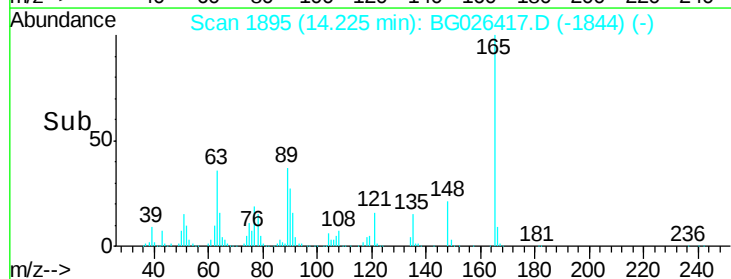
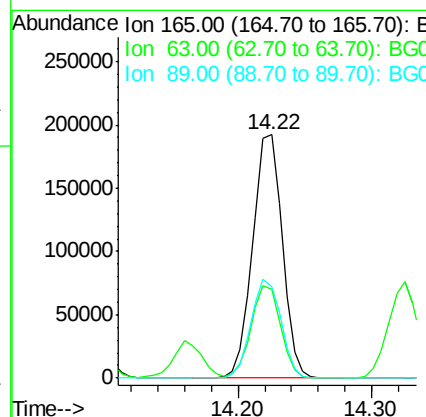
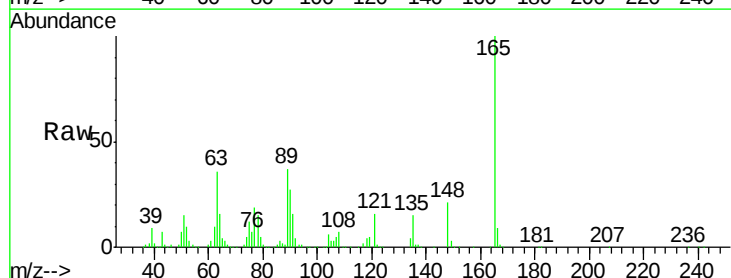
Instrument :  
BNA\_G  
ClientSampled :  
PB97805BS

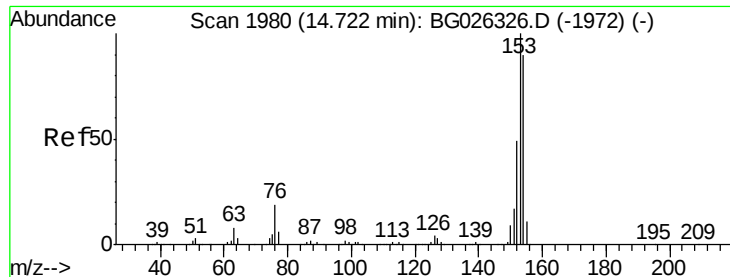
Tot Ion:163 Resp: 1223209  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.8 5.6  
164 11.0 9.3 13.9



#50  
2,6-Dinitrotoluene  
Concen: 47.37 ng  
RT: 14.22 min Scan# 1895  
Delta R.T. 0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:165 Resp: 293548  
Ion Ratio Lower Upper  
165 100  
63 36.3 63.9 95.9#  
89 37.5 58.6 88.0#





#51

Acenaphthene

Concen: 43.07 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

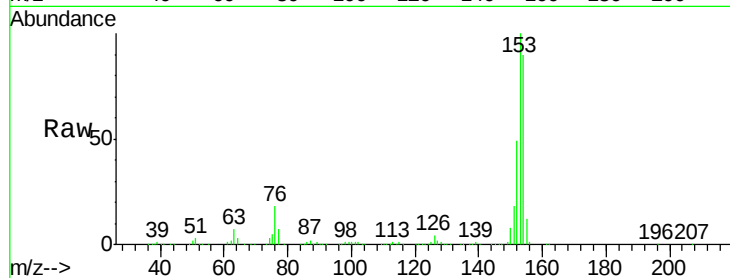
Tot Ion:154 Resp: 983669

Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.6

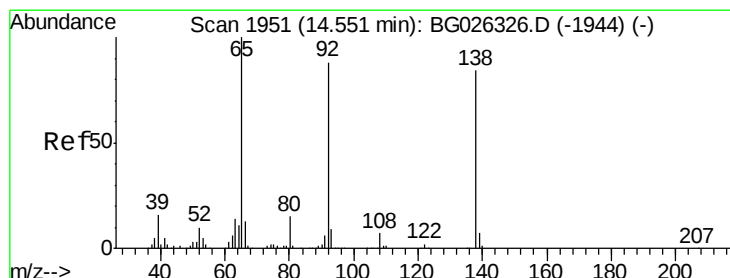
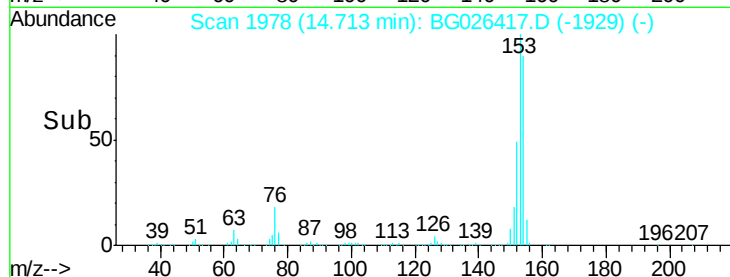
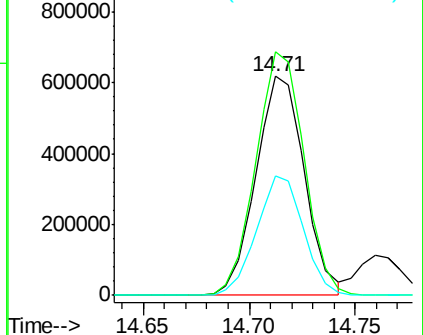
152 54.6 42.2 63.4



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: 16.76 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

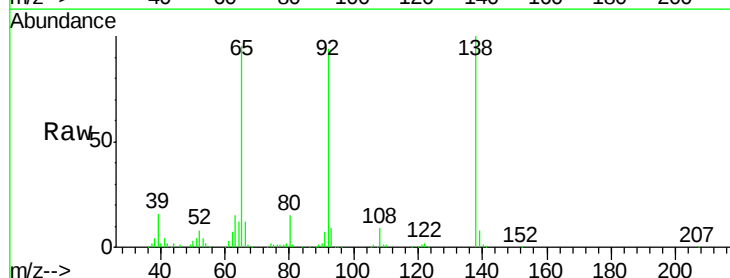
Tgt Ion:138 Resp: 114380

Ion Ratio Lower Upper

138 100

108 8.6 10.9 16.3#

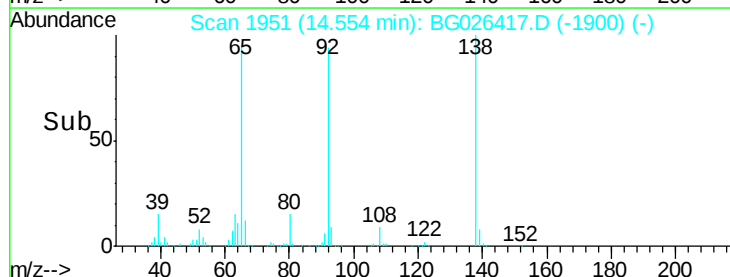
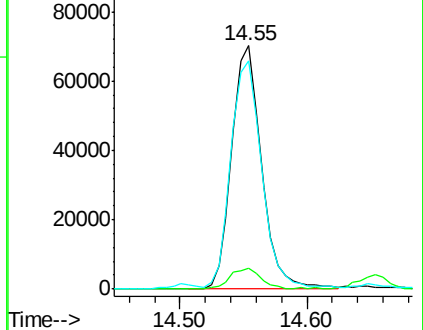
92 93.9 115.3 172.9#

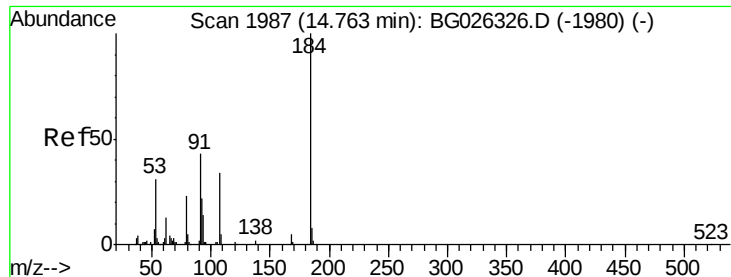


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

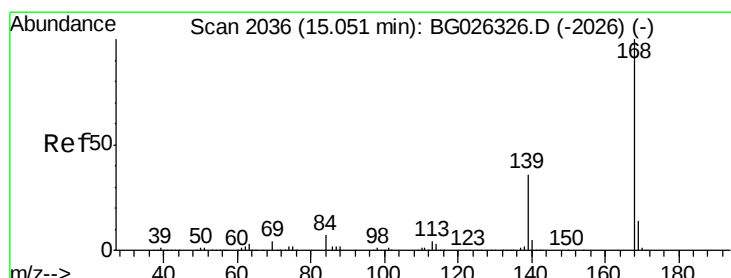
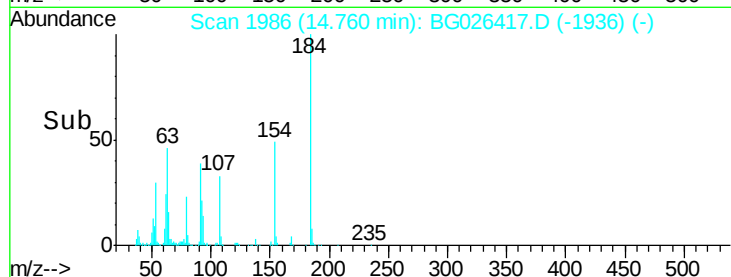
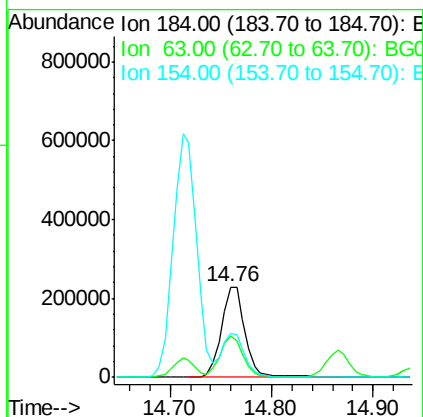
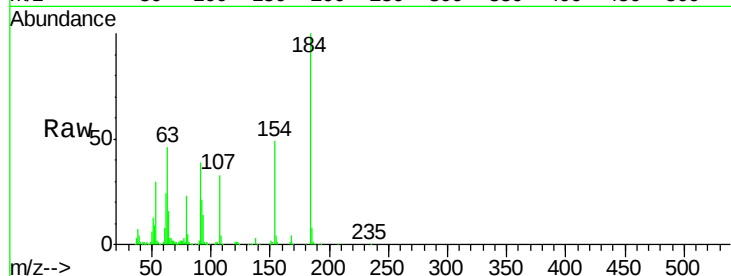




#53  
2,4-Dinitrophenol  
Concen: 104.68 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

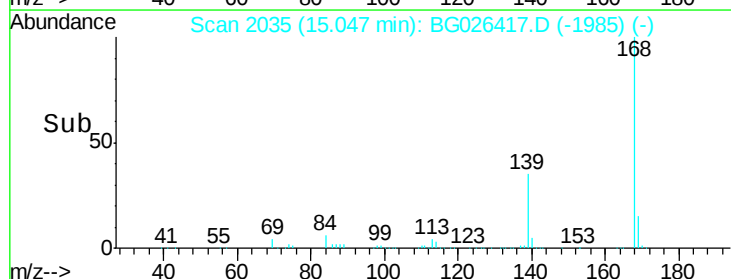
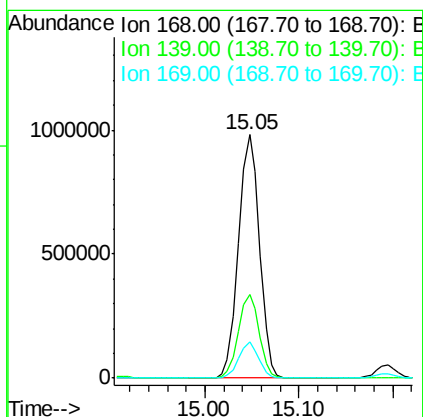
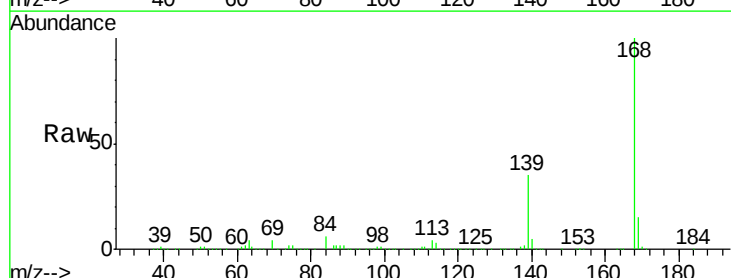
Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

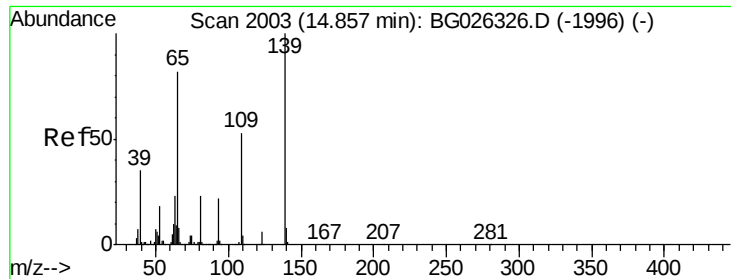
Tot Ion:184 Resp: 376270  
Ion Ratio Lower Upper  
184 100  
63 45.7 52.7 79.1#  
154 48.8 57.3 85.9#



#54  
Dibenzofuran  
Concen: 47.25 ng  
RT: 15.05 min Scan# 2035  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:168 Resp: 1519267  
Ion Ratio Lower Upper  
168 100  
139 34.6 35.3 52.9#  
169 14.6 11.5 17.3

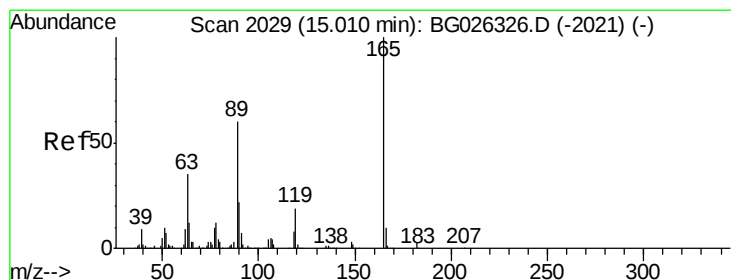
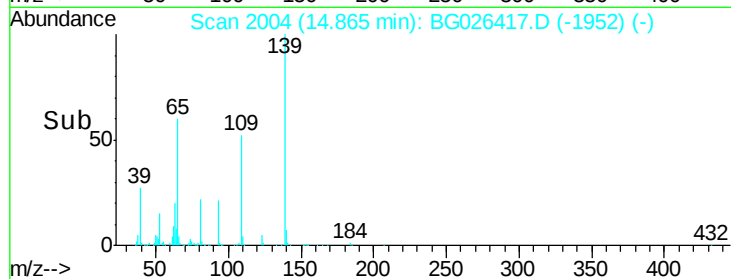
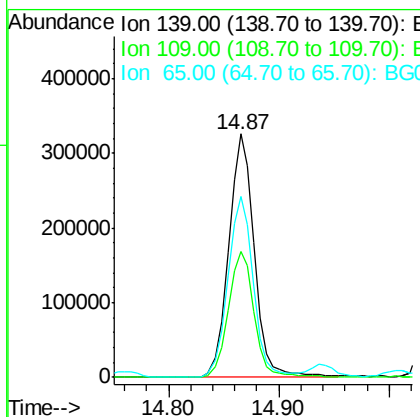
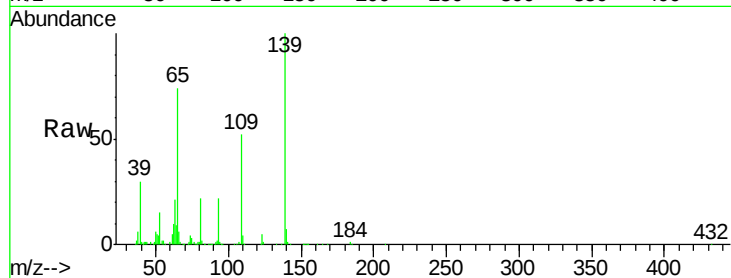




#55  
4-Nitrophenol  
Concen: 94.70 ng  
RT: 14.87 min Scan# 2004  
Delta R.T. 0.01 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

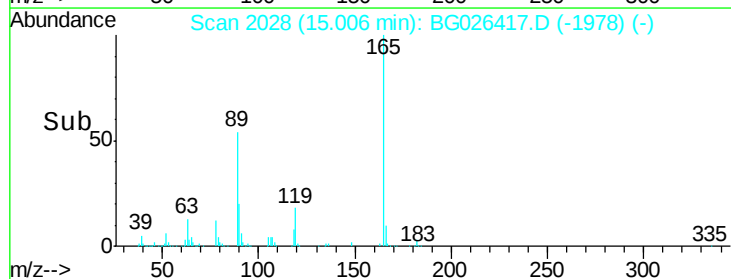
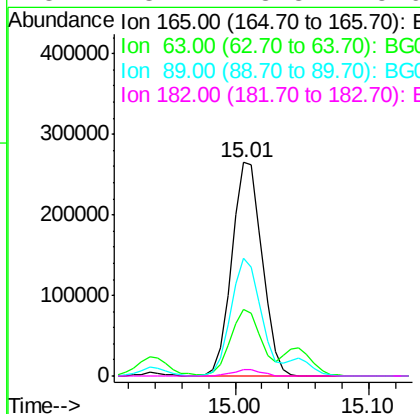
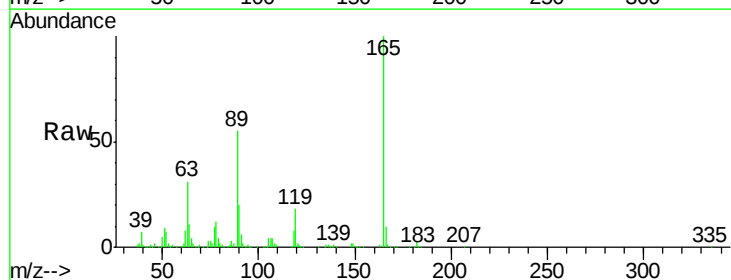
Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

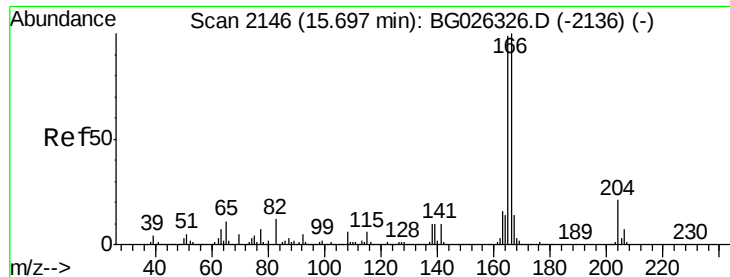
Tot Ion:139 Resp: 529088  
Ion Ratio Lower Upper  
139 100  
109 51.6 101.2 141.2#  
65 74.1 135.3 175.3#



#56  
2,4-Dinitrotoluene  
Concen: 48.03 ng  
RT: 15.01 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:165 Resp: 418601  
Ion Ratio Lower Upper  
165 100  
63 31.2 44.0 66.0#  
89 55.4 67.3 100.9#  
182 3.2 3.8 5.6#

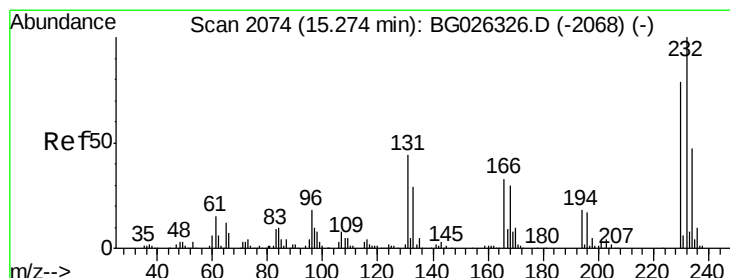
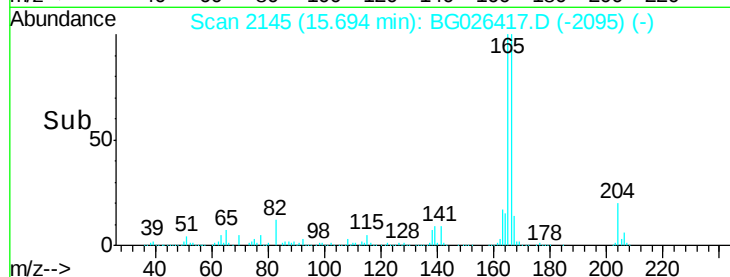
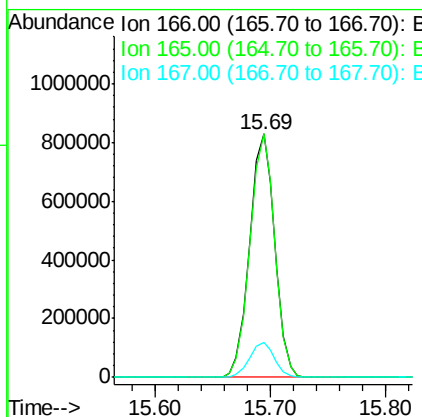
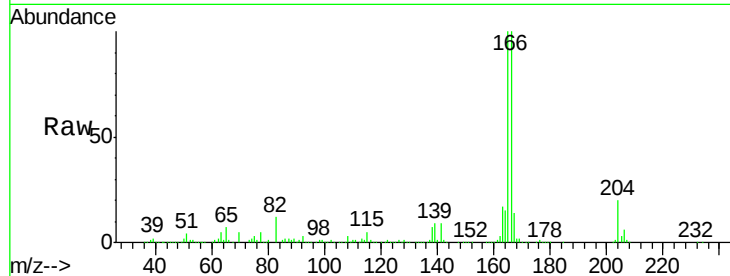




#57  
 Fluorene  
 Concen: 43.75 ng  
 RT: 15.69 min Scan# 2145  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

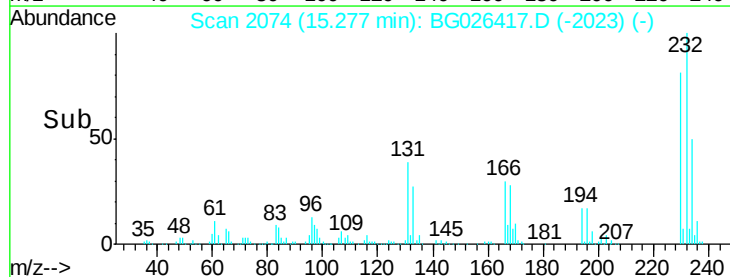
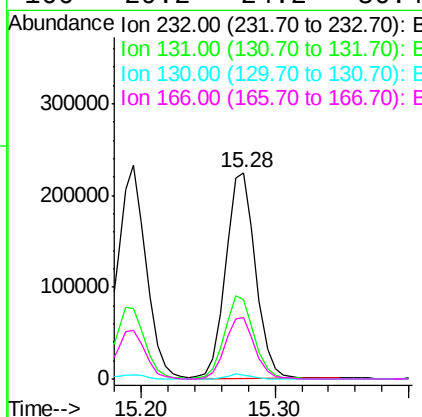
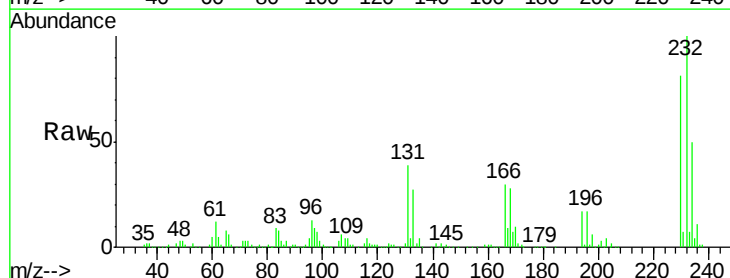
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

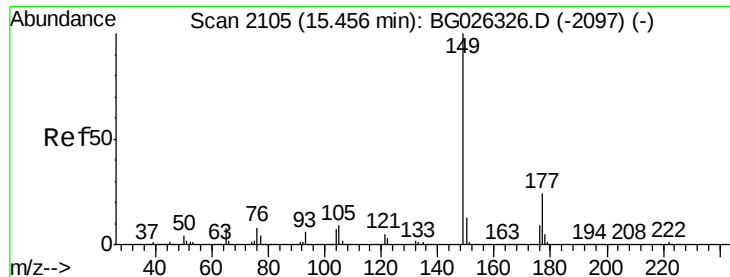
Tot Ion:166 Resp: 1252038  
 Ion Ratio Lower Upper  
 166 100  
 165 99.9 78.6 117.8  
 167 14.2 11.6 17.4



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 52.47 ng  
 RT: 15.28 min Scan# 2074  
 Delta R.T. 0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Tgt Ion:232 Resp: 350510  
 Ion Ratio Lower Upper  
 232 100  
 131 39.7 34.9 52.3  
 130 2.1 2.3 3.5#  
 166 29.2 24.2 36.4

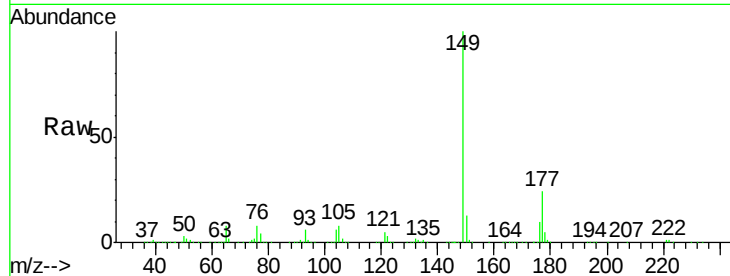




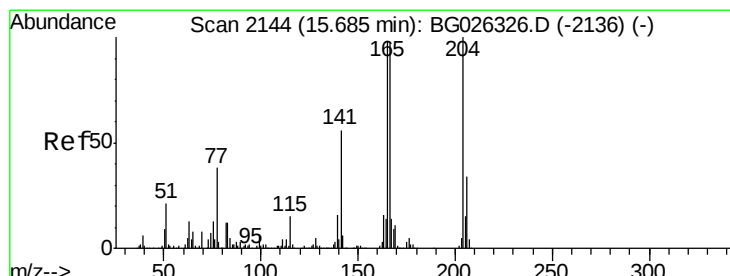
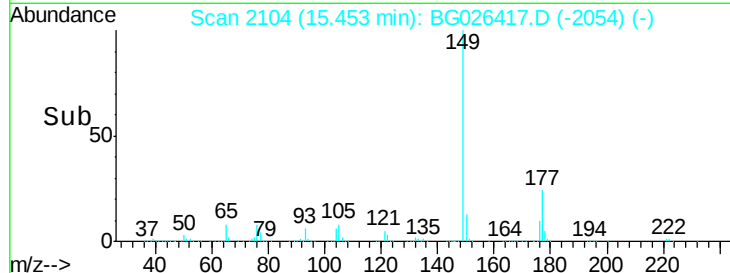
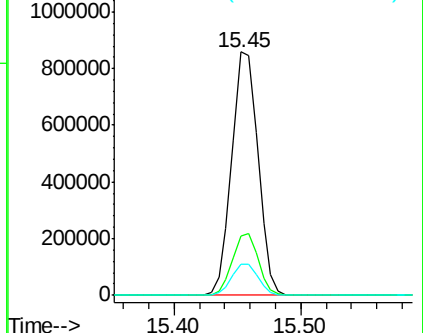
#59  
Diethylphthalate  
Concen: 45.31 ng  
RT: 15.45 min Scan# 2104  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

Tot Ion:149 Resp: 1229445  
Ion Ratio Lower Upper  
149 100  
177 24.4 20.1 30.1  
150 12.9 10.2 15.2

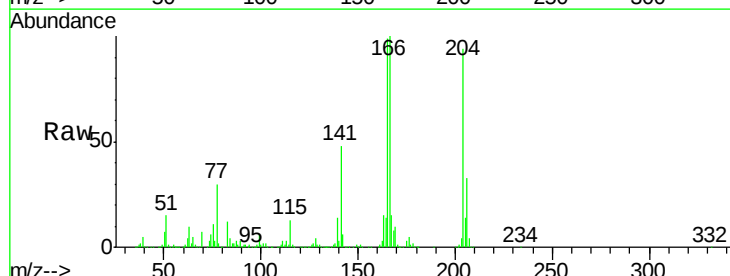


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

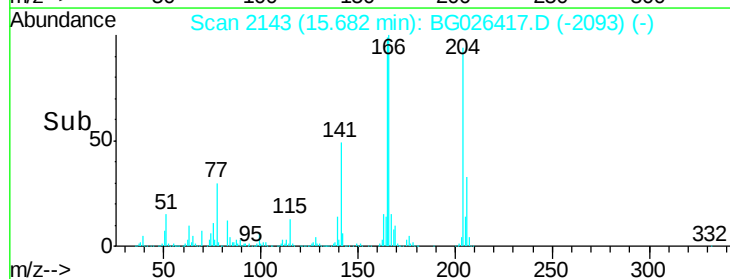
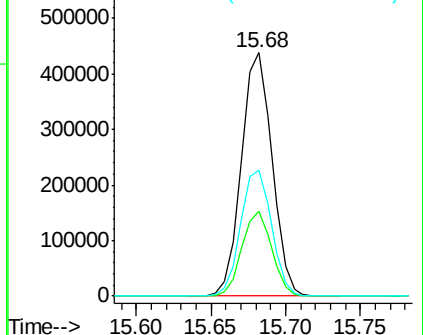


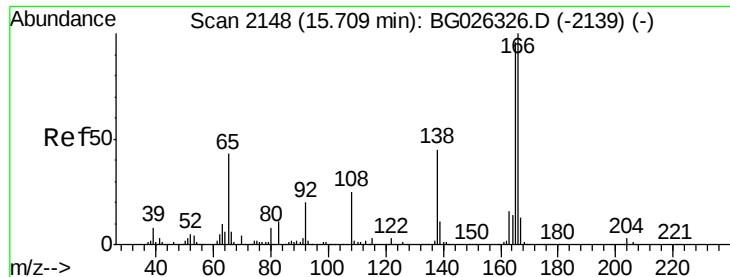
#60  
4-Chlorophenyl-phenylether  
Concen: 45.84 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:204 Resp: 621678  
Ion Ratio Lower Upper  
204 100  
206 34.8 30.1 45.1  
141 51.5 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

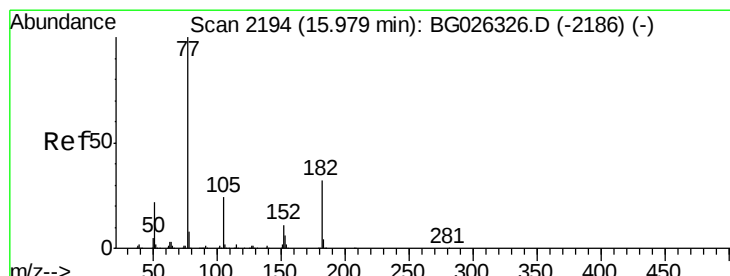
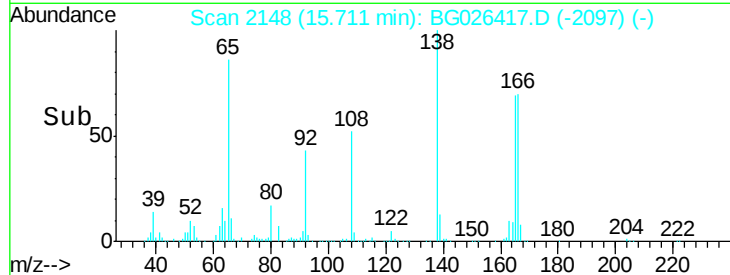
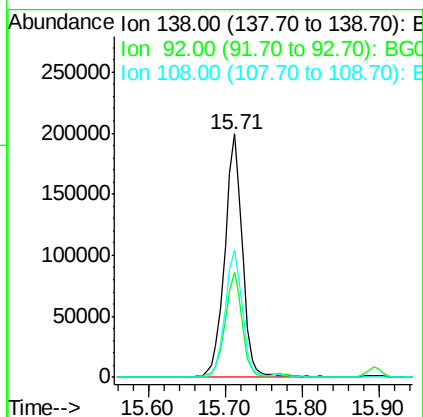
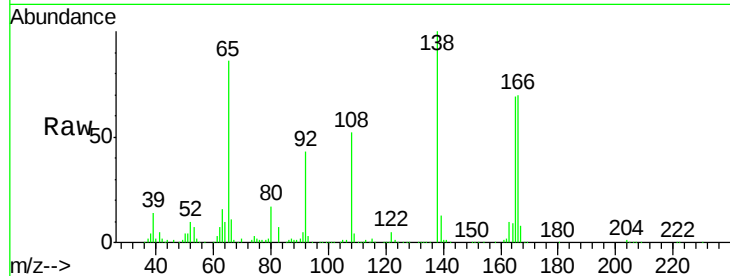




#61  
 4-Nitroaniline  
 Concen: 44.37 ng  
 RT: 15.71 min Scan# 2148  
 Delta R.T. 0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

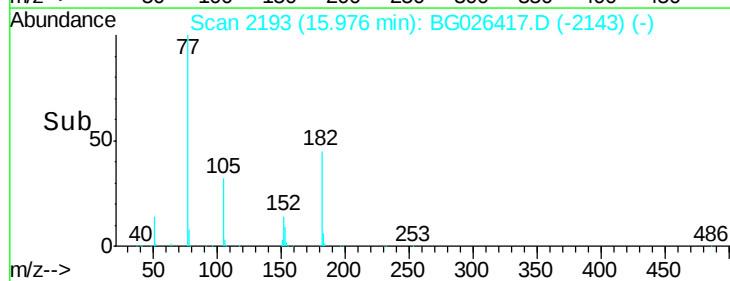
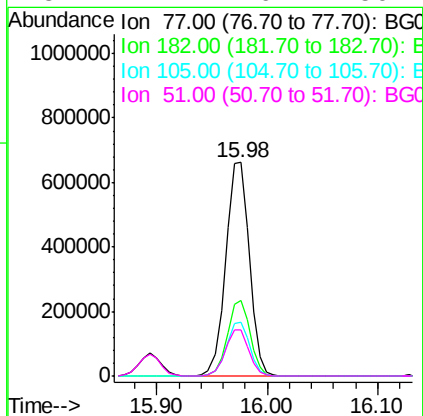
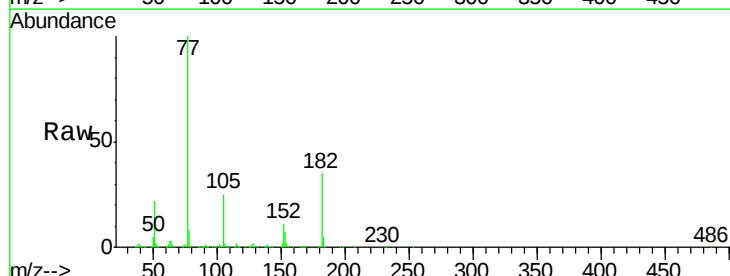
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

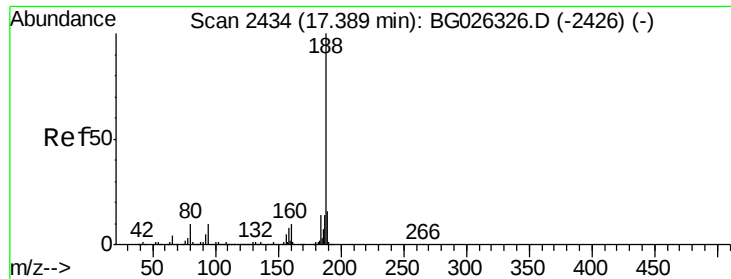
Tot Ion:138 Resp: 320243  
 Ion Ratio Lower Upper  
 138 100  
 92 43.0 44.2 84.2#  
 108 52.1 104.8 144.8#



#62  
 Azobenzene  
 Concen: 44.79 ng  
 RT: 15.98 min Scan# 2193  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Tgt Ion: 77 Resp: 988209  
 Ion Ratio Lower Upper  
 77 100  
 182 35.2 4.7 44.7  
 105 25.4 0.0 36.3  
 51 21.7 16.4 56.4

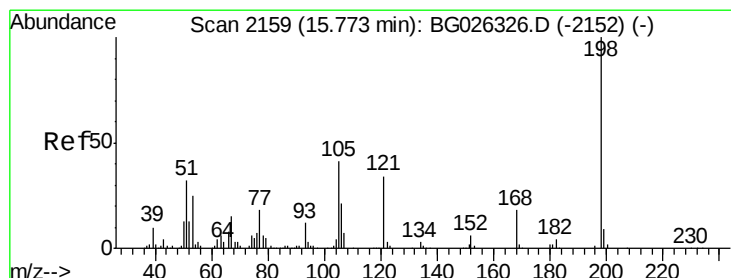
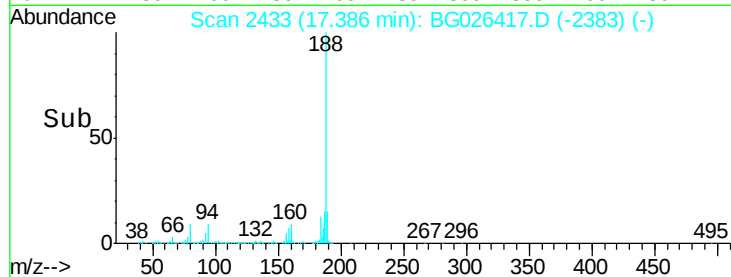
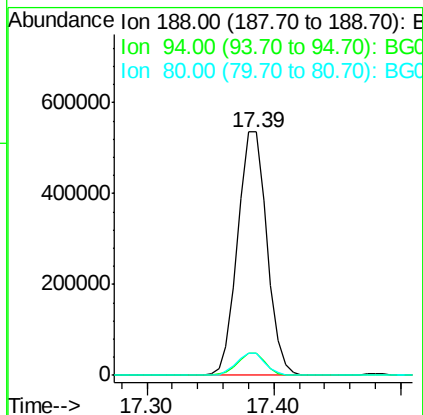
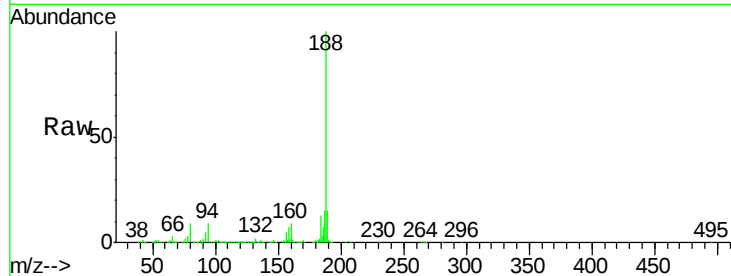




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.39 min Scan# 2433  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

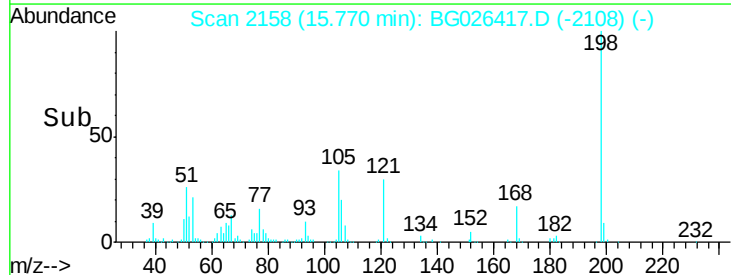
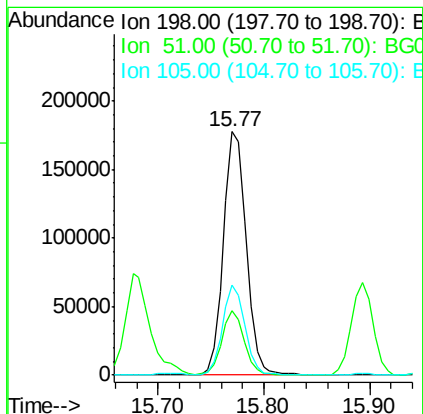
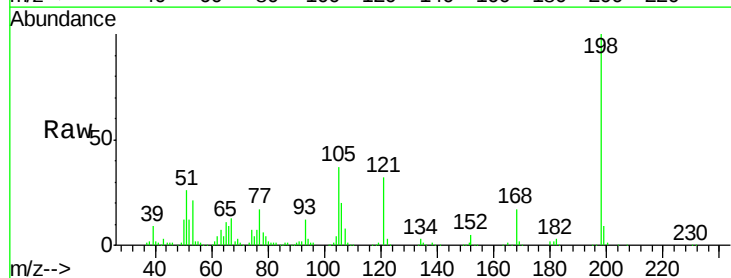
Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

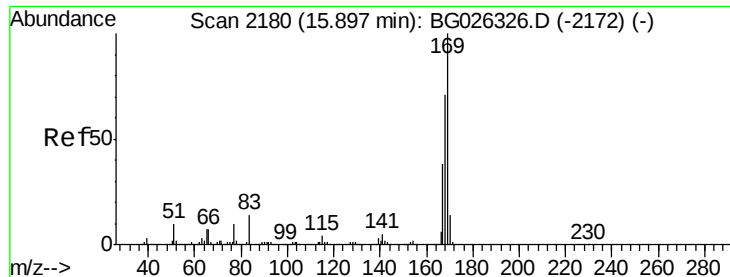
Tot Ion:188 Resp: 857045  
Ion Ratio Lower Upper  
188 100  
94 9.1 5.8 8.8#  
80 9.2 7.5 11.3



#64  
4,6-Dinitro-2-methylphenol  
Concen: 49.52 ng  
RT: 15.77 min Scan# 2158  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:198 Resp: 267594  
Ion Ratio Lower Upper  
198 100  
51 26.4 22.6 62.6  
105 36.9 14.4 54.4

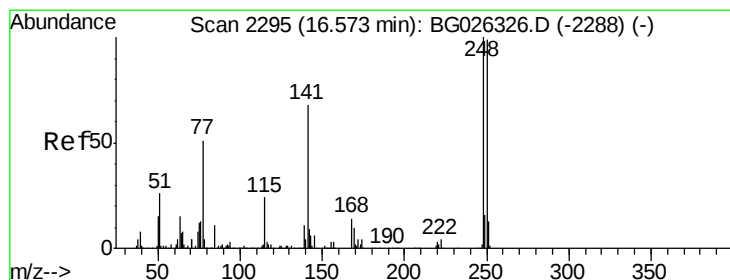
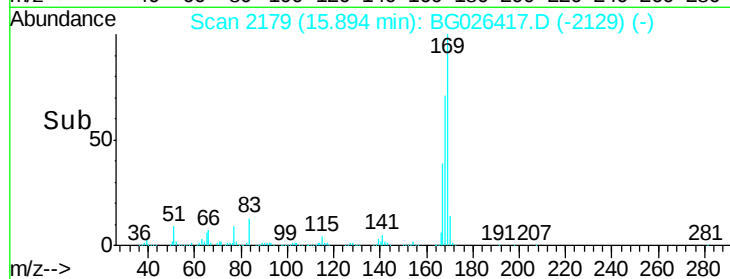
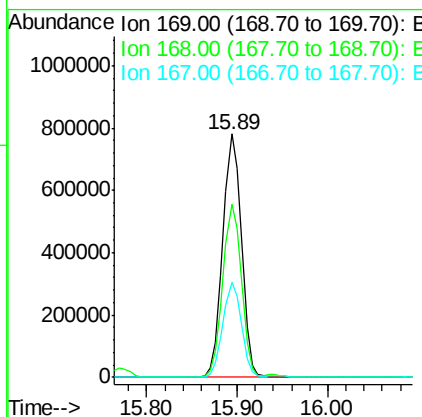
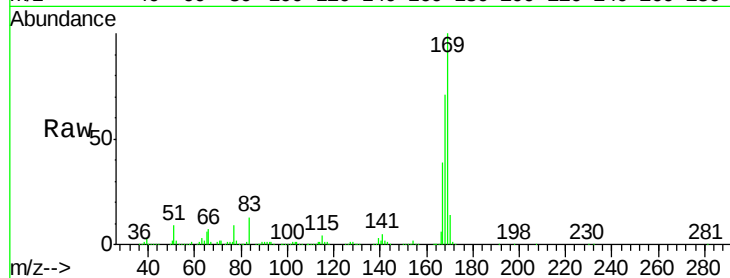




#65  
n-Nitrosodiphenylamine  
Concen: 44.33 ng  
RT: 15.89 min Scan# 2179  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

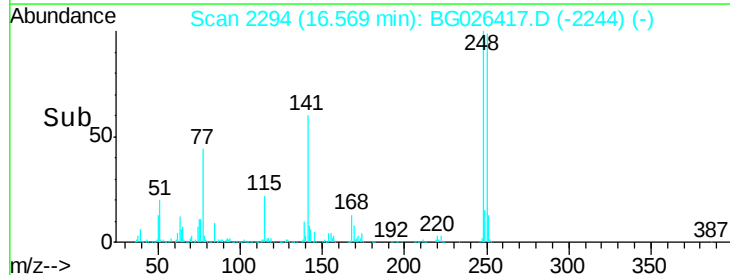
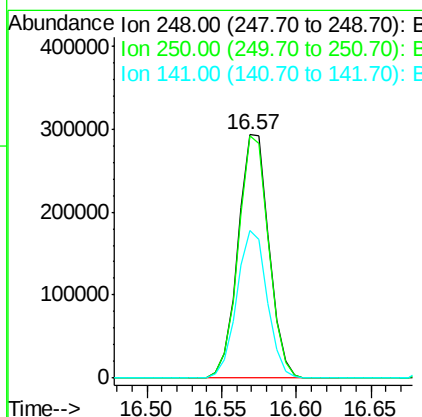
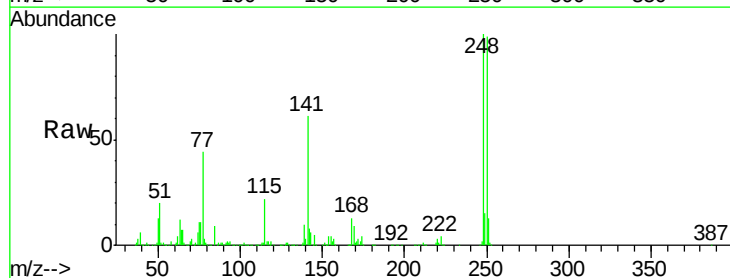
Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

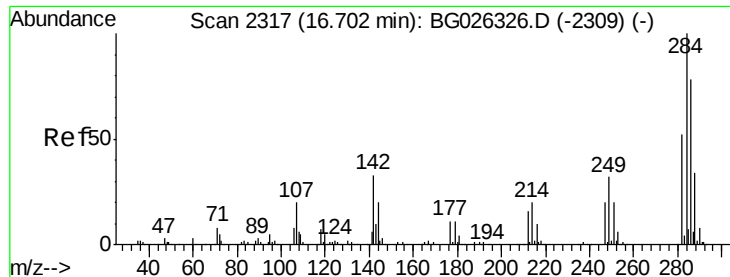
Tot Ion:169 Resp: 1115101  
Ion Ratio Lower Upper  
169 100  
168 71.2 55.7 83.5  
167 39.1 29.8 44.6



#66  
4-Bromophenyl-phenylether  
Concen: 47.65 ng  
RT: 16.57 min Scan# 2294  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:248 Resp: 420383  
Ion Ratio Lower Upper  
248 100  
250 99.5 75.0 112.6  
141 60.6 55.2 82.8

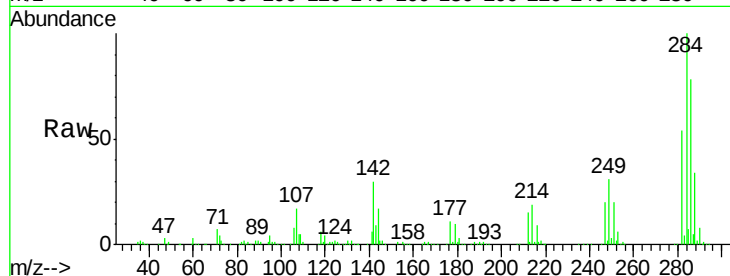




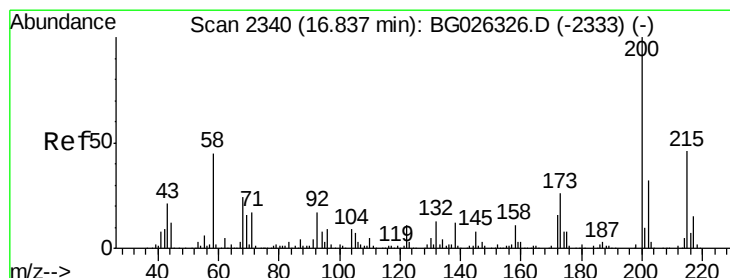
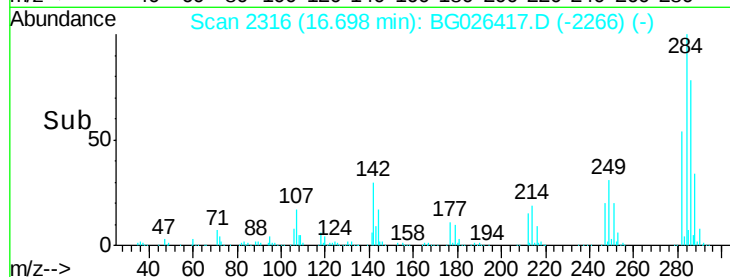
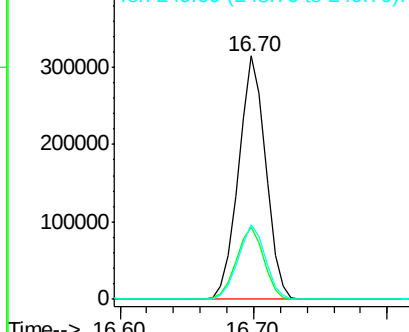
#67  
Hexachlorobenzene  
Concen: 47.03 ng  
RT: 16.70 min Scan# 2316  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

Tot Ion:284 Resp: 442587  
Ion Ratio Lower Upper  
284 100  
142 29.6 29.9 44.9#  
249 30.8 29.2 43.8

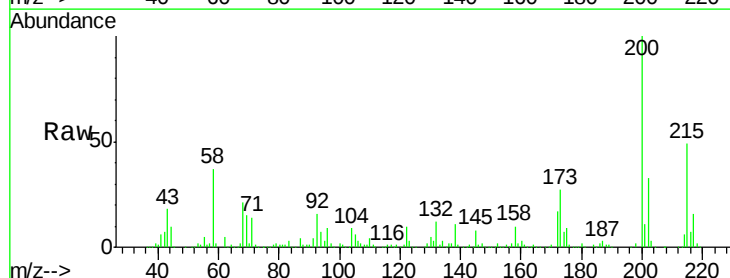


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

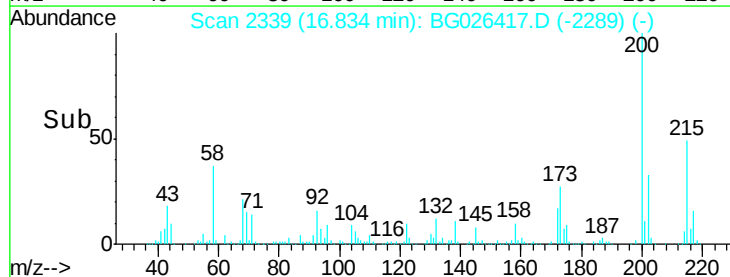
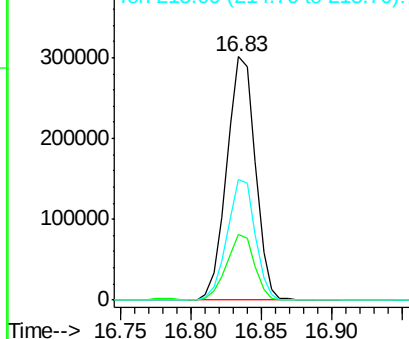


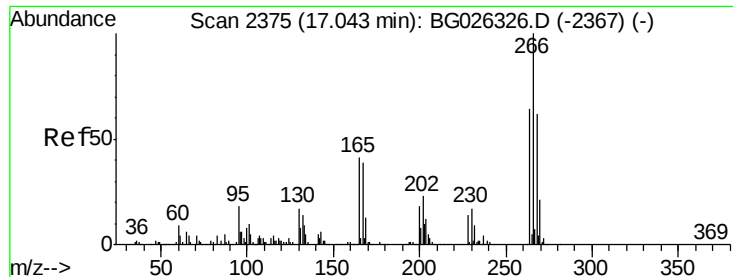
#68  
Atrazine  
Concen: 44.52 ng  
RT: 16.83 min Scan# 2339  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:200 Resp: 423940  
Ion Ratio Lower Upper  
200 100  
173 26.8 3.0 43.0  
215 49.4 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

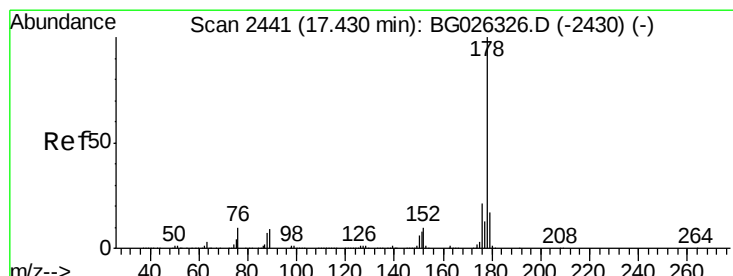
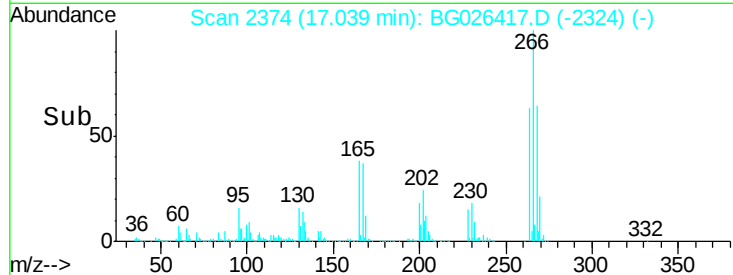
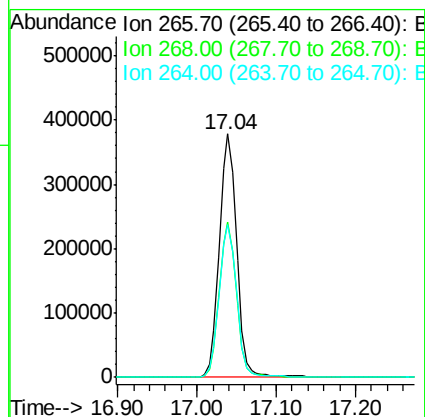
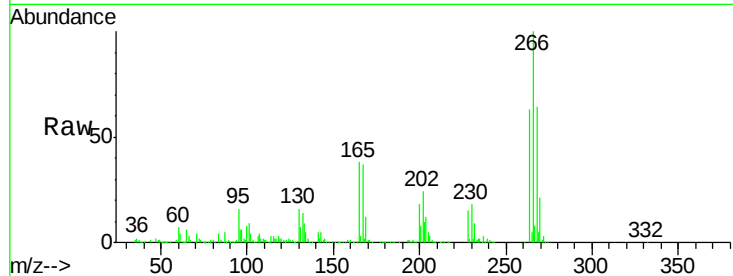




#69  
 Pentachlorophenol  
 Concen: 94.30 ng  
 RT: 17.04 min Scan# 2374  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

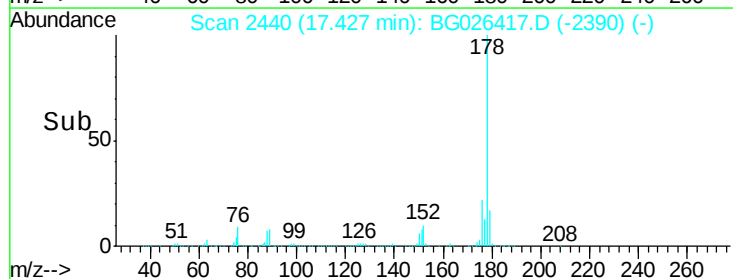
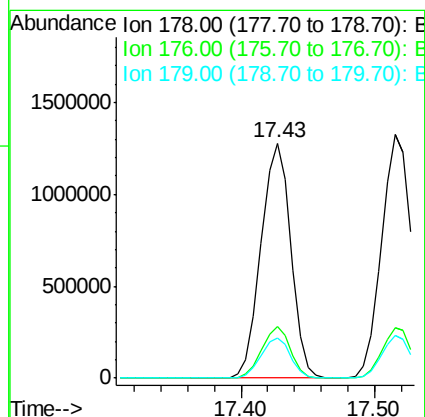
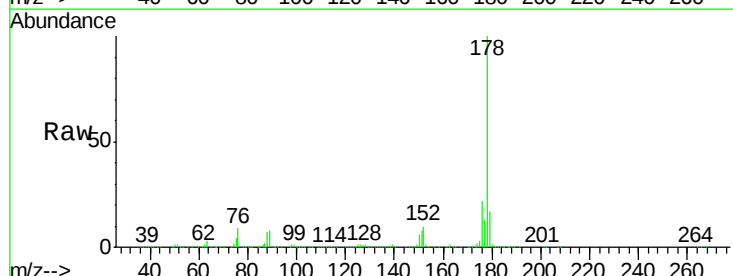
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

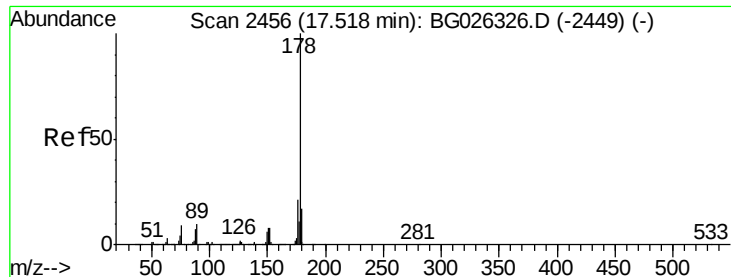
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.0  | 48.6  | 72.8  |
| 264     | 62.6  | 50.1  | 75.1  |



#70  
 Phenanthrene  
 Concen: 42.81 ng  
 RT: 17.43 min Scan# 2440  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.2  | 17.7  | 26.5  |
| 179     | 17.2  | 15.0  | 22.6  |





#71

Anthracene

Concen: 43.56 ng

RT: 17.52 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

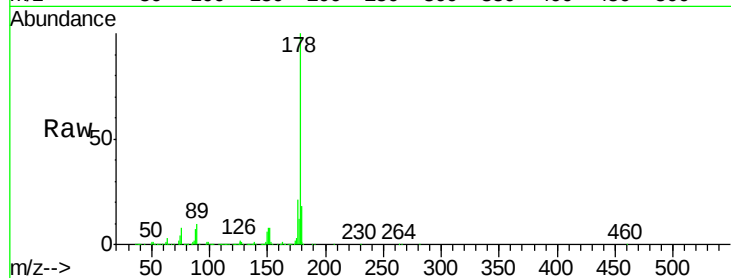
Tot Ion:178 Resp: 2045241

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

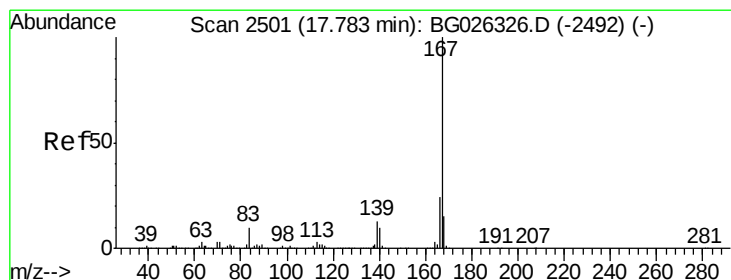
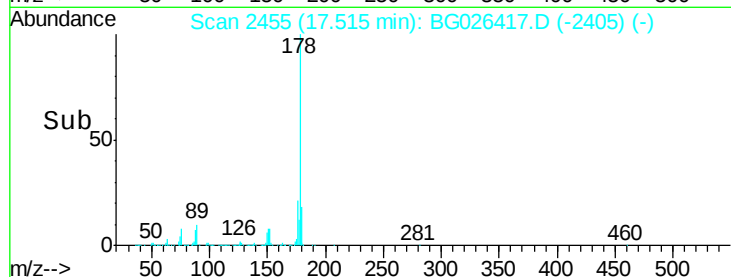
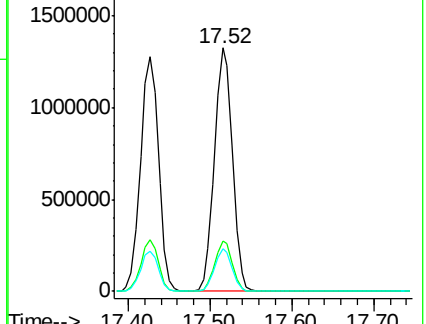
179 17.7 13.8 20.8



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: 40.60 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

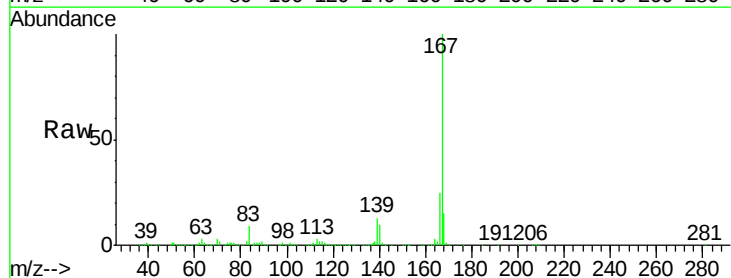
Tgt Ion:167 Resp: 1963000

Ion Ratio Lower Upper

167 100

166 25.1 20.2 30.2

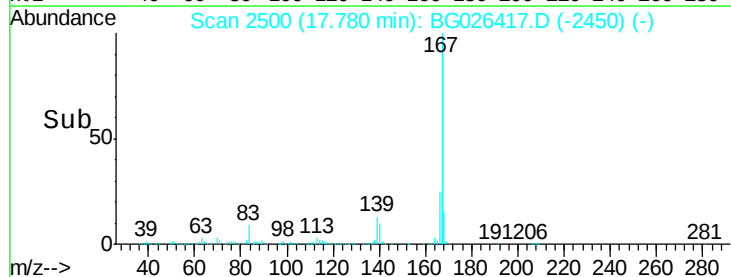
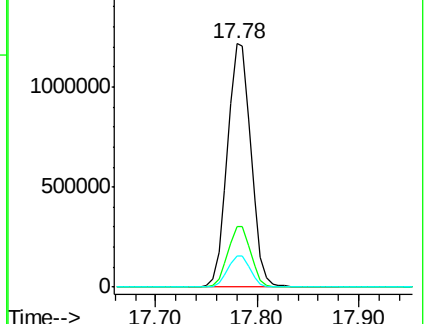
139 13.0 12.8 19.2

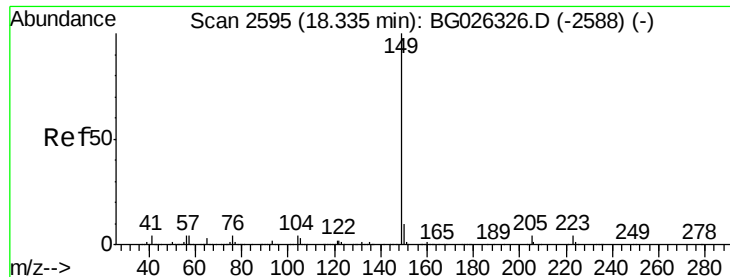


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

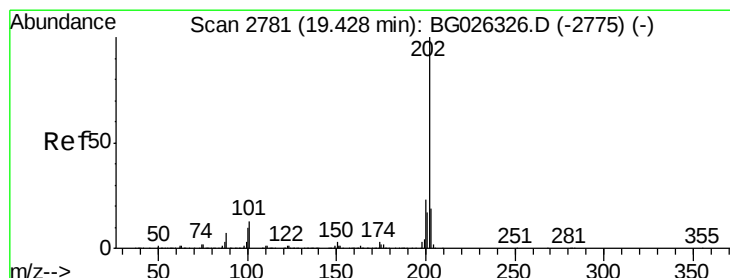
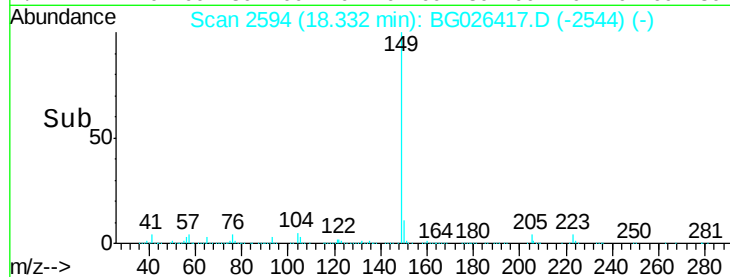
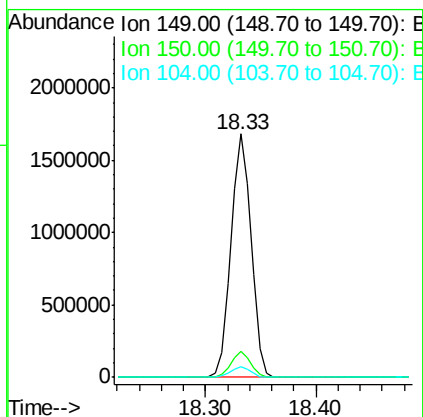
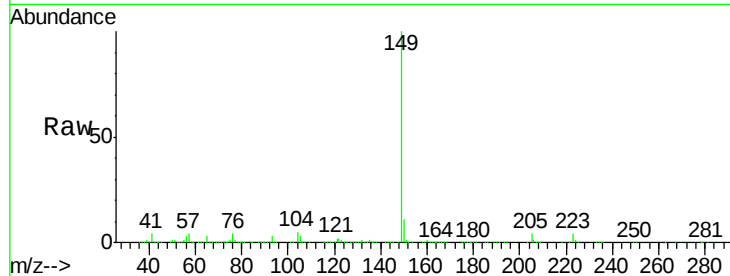




#73  
Di-n-butylphthalate  
Concen: 43.65 ng  
RT: 18.33 min Scan# 2594  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

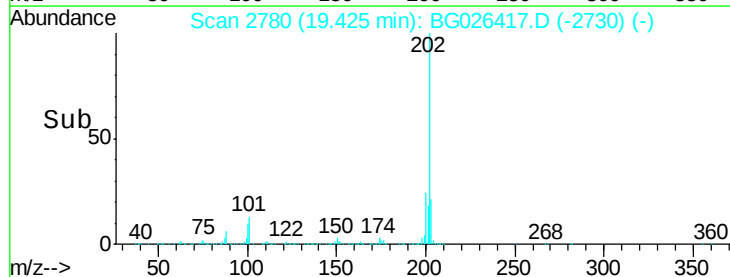
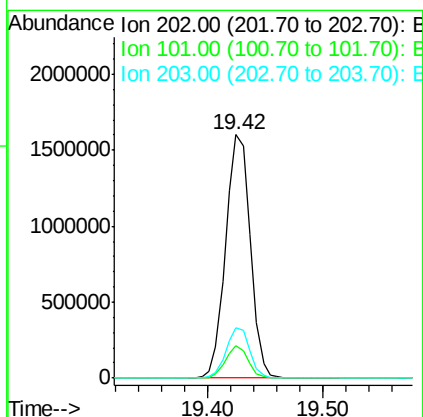
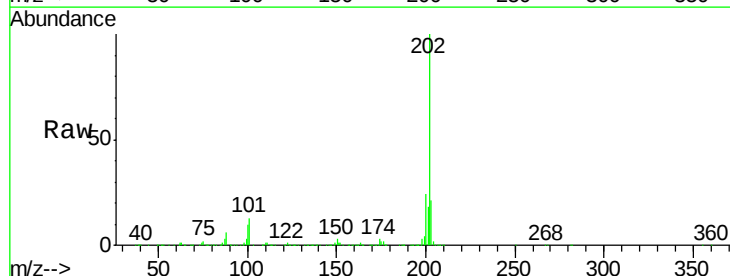
Instrument :  
BNA\_G  
ClientSampleId :  
PB97805BS

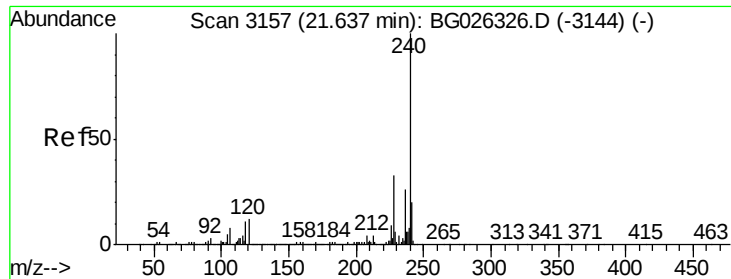
Tot Ion:149 Resp: 2168315  
Ion Ratio Lower Upper  
149 100  
150 10.7 9.1 13.7  
104 4.5 6.7 10.1#



#74  
Fluoranthene  
Concen: 43.75 ng  
RT: 19.42 min Scan# 2780  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:202 Resp: 2367698  
Ion Ratio Lower Upper  
202 100  
101 13.1 0.0 30.1  
203 20.7 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

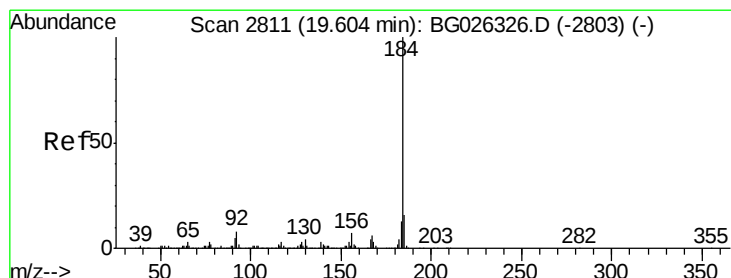
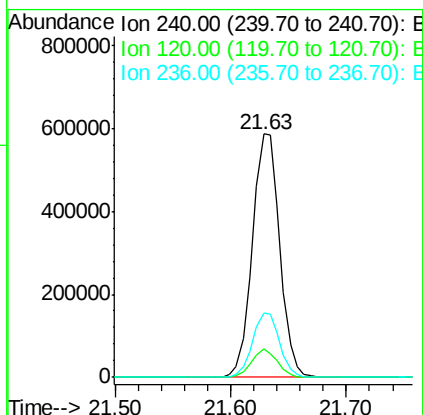
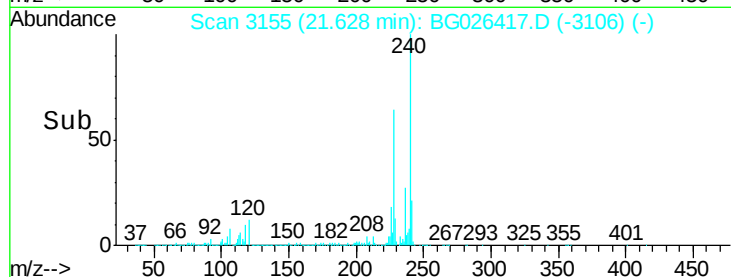
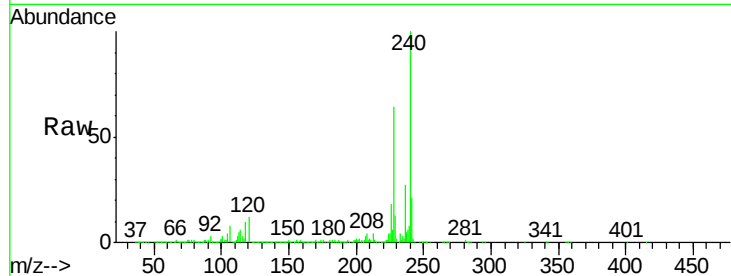
Tot Ion:240 Resp: 966713

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

236 26.6 22.2 33.4



#76

Benzidine

Concen: 23.61 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

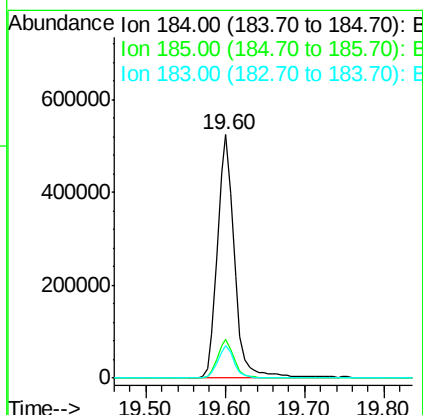
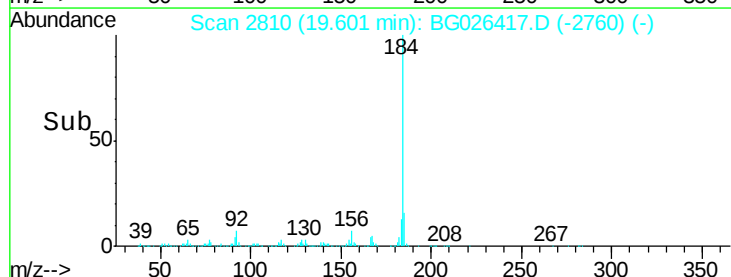
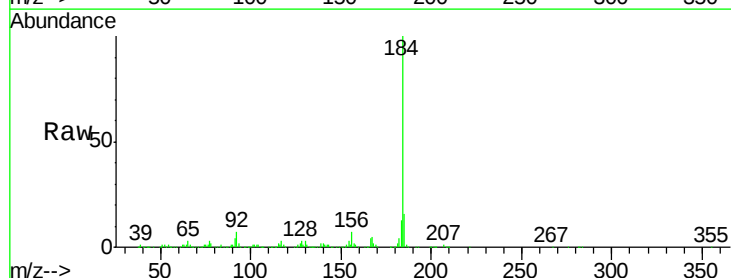
Tgt Ion:184 Resp: 786967

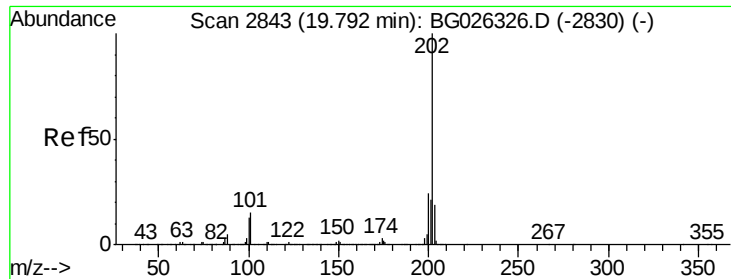
Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

183 13.2 11.0 16.6





#77

Pvrene

Concen: 43.18 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

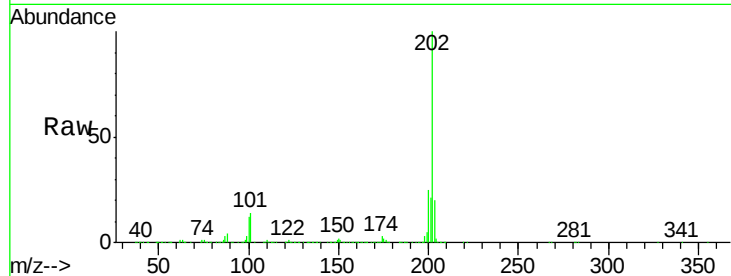
Tot Ion:202 Resp: 2417290

Ion Ratio Lower Upper

202 100

200 24.9 19.6 29.4

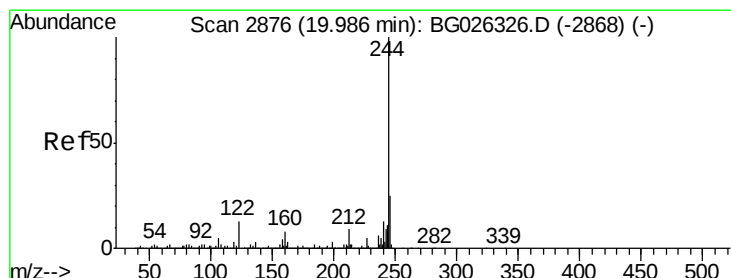
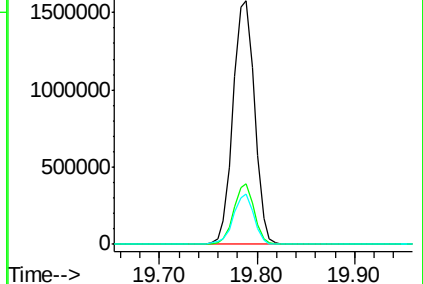
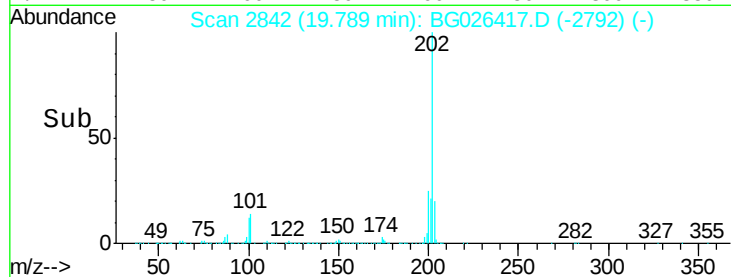
203 20.5 15.8 23.8



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: 76.28 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

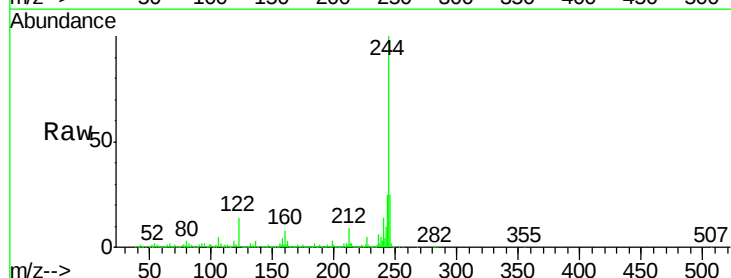
Tgt Ion:244 Resp: 3036258

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

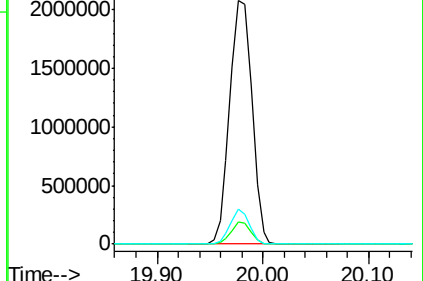
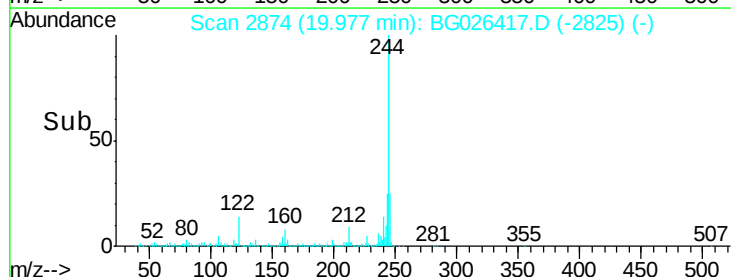
122 14.2 8.6 12.8#

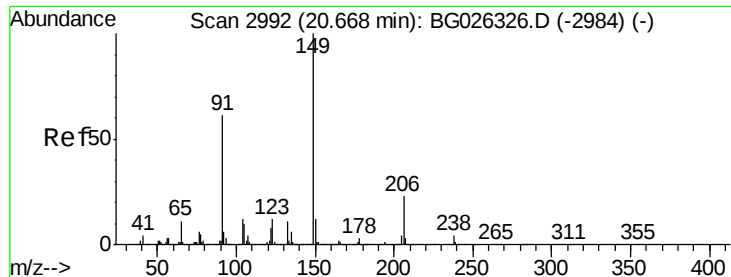


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

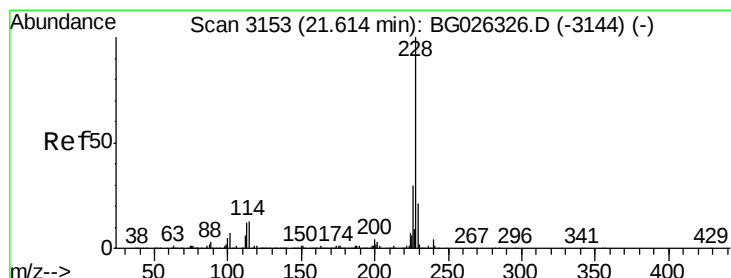
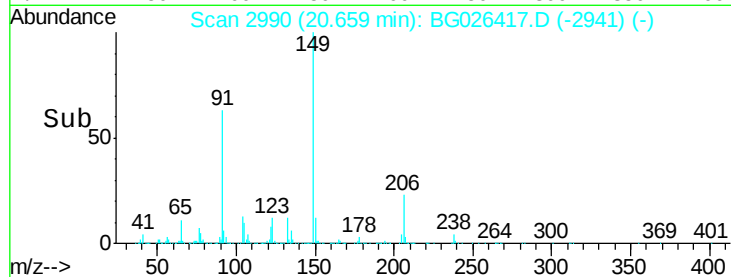
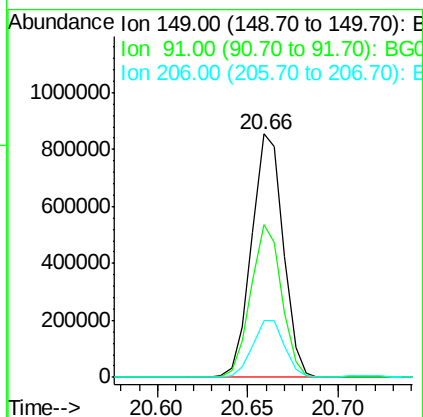
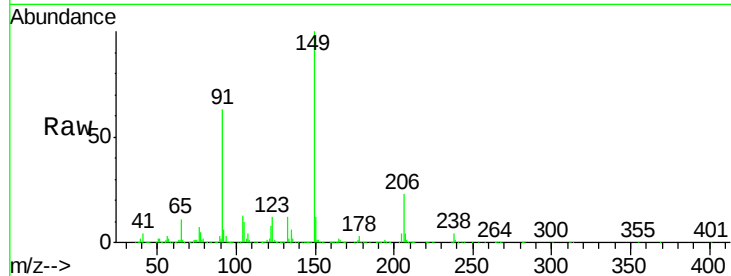




#79  
Butylbenzylphthalate  
Concen: 46.33 ng  
RT: 20.66 min Scan# 2990  
Delta R.T. -0.01 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

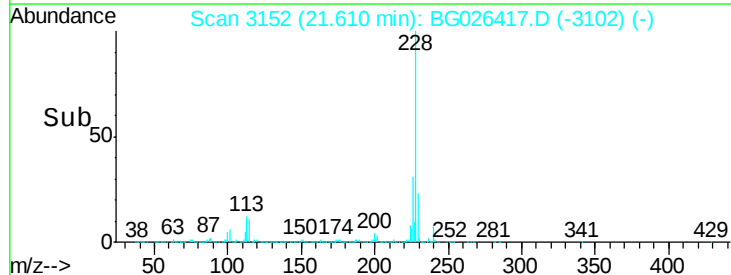
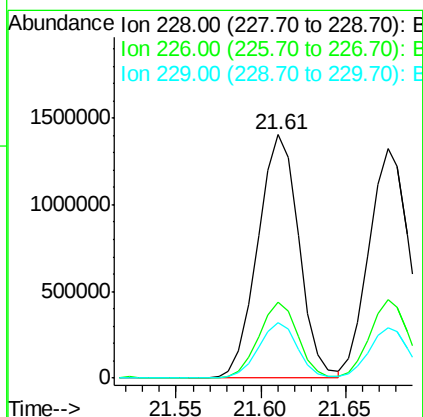
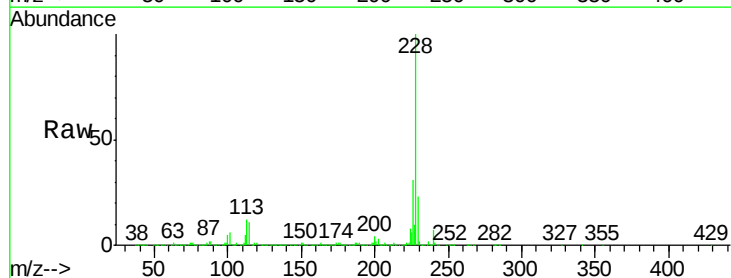
Instrument :  
BNA\_G  
ClientSampled :  
PB97805BS

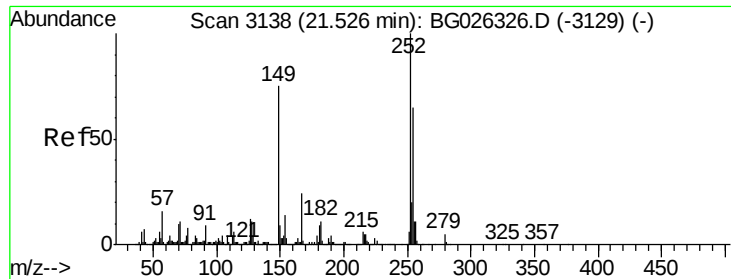
Tot Ion:149 Resp: 1037637  
Ion Ratio Lower Upper  
149 100  
91 62.6 63.5 95.3#  
206 23.2 21.0 31.6



#80  
Benzo(a)anthracene  
Concen: 43.72 ng  
RT: 21.61 min Scan# 3152  
Delta R.T. -0.00 min  
Lab File: BG026417.D  
Acq: 24 Mar 2017 16:34

Tgt Ion:228 Resp: 2378201  
Ion Ratio Lower Upper  
228 100  
226 31.3 24.9 37.3  
229 22.7 18.2 27.2

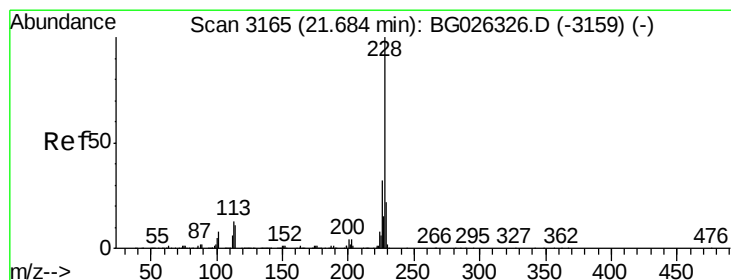
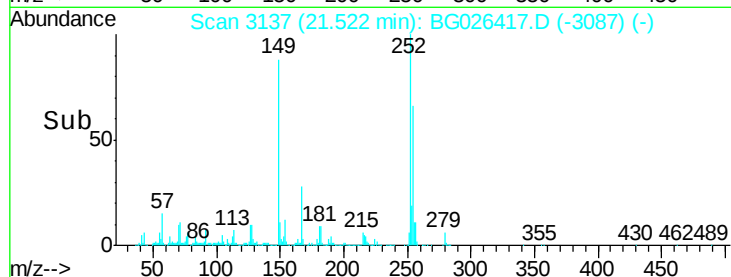
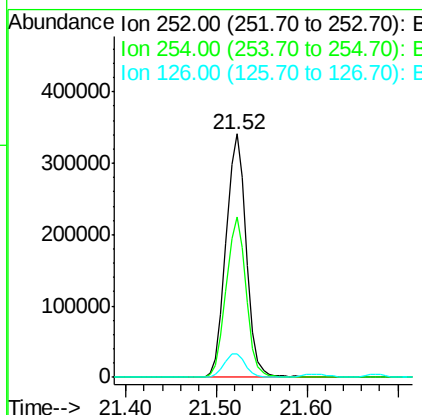
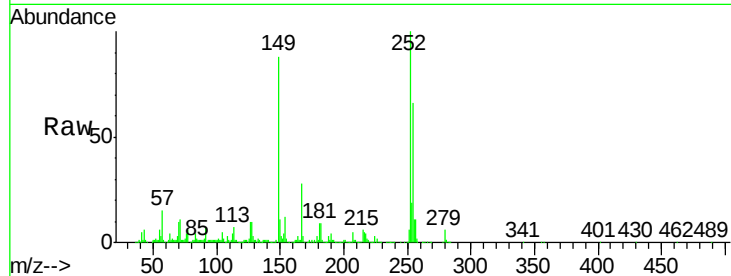




#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.74 ng  
 RT: 21.52 min Scan# 3137  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

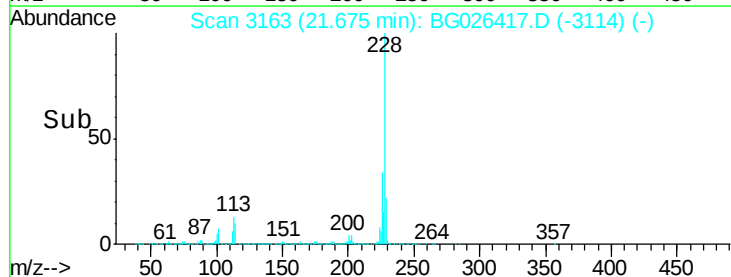
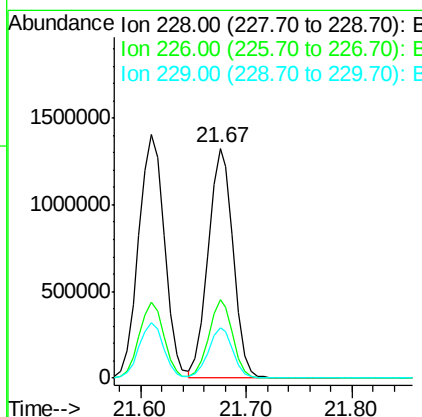
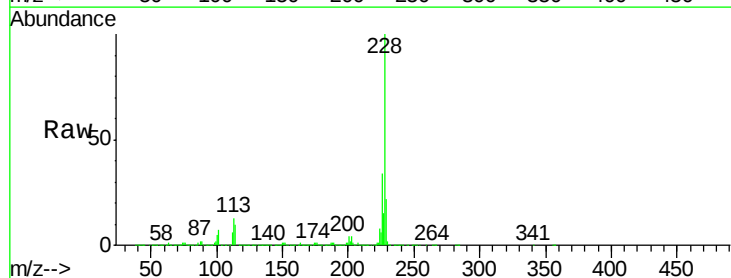
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97805BS

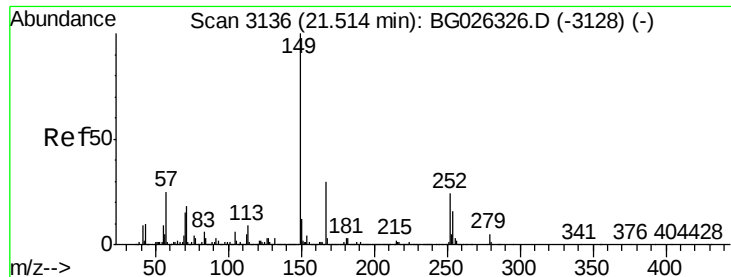
Tot Ion:252 Resp: 528618  
 Ion Ratio Lower Upper  
 252 100  
 254 65.7 53.1 79.7  
 126 9.8 7.0 10.4



#82  
 Chrysene  
 Concen: 42.11 ng  
 RT: 21.67 min Scan# 3163  
 Delta R.T. -0.01 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Tgt Ion:228 Resp: 2188535  
 Ion Ratio Lower Upper  
 228 100  
 226 34.1 27.0 40.4  
 229 22.1 17.8 26.6

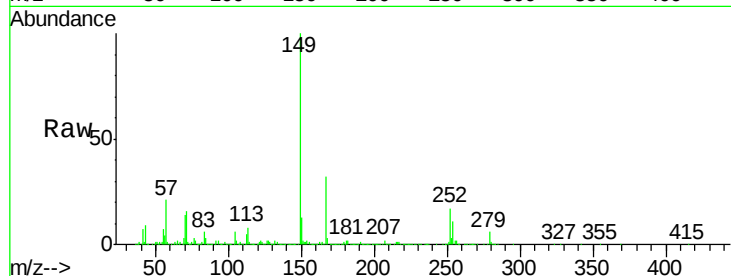




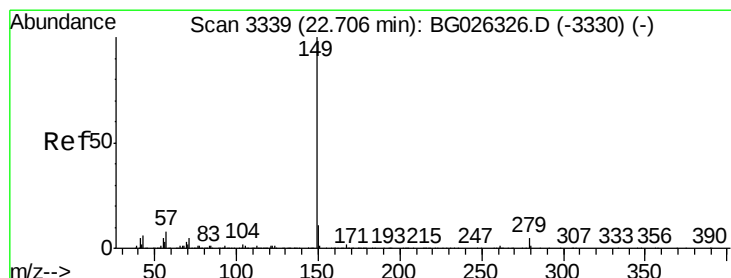
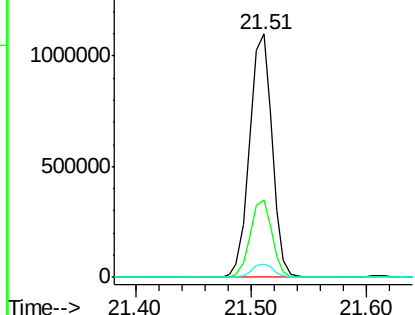
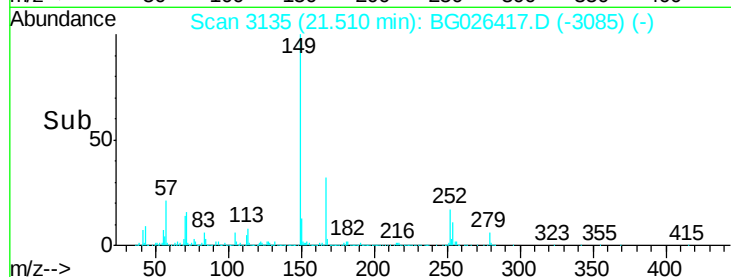
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.97 ng  
 RT: 21.51 min Scan# 3135  
 Delta R.T. -0.00 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB97805BS

Tot Ion:149 Resp: 1487432  
 Ion Ratio Lower Upper  
 149 100  
 167 31.7 23.7 35.5  
 279 5.6 4.6 6.8

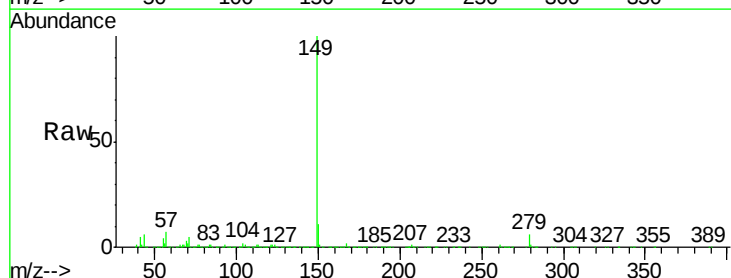


Abundance Ion 149.00 (148.70 to 149.70): E  
 1500000 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

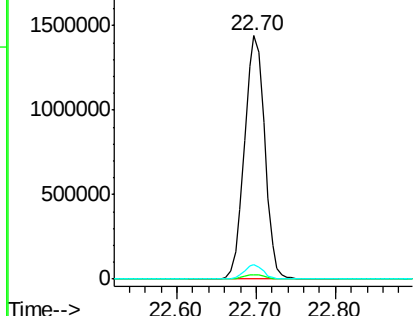
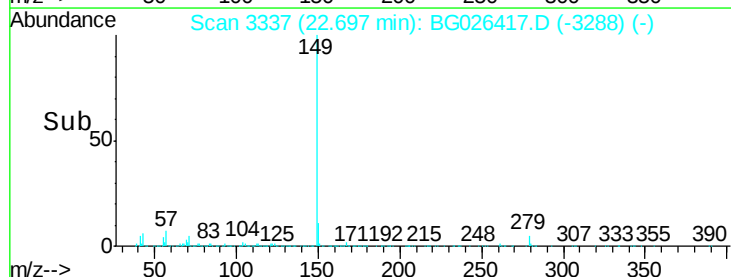


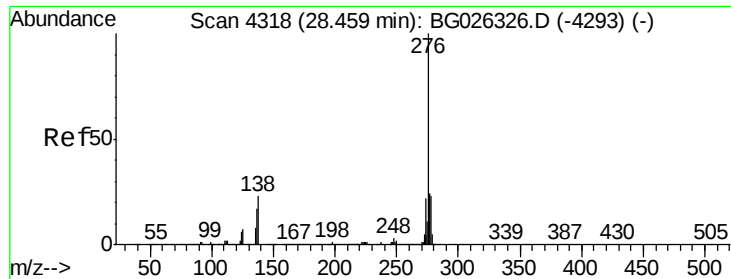
#84  
 Di-n-octyl phthalate  
 Concen: 44.23 ng  
 RT: 22.70 min Scan# 3337  
 Delta R.T. -0.01 min  
 Lab File: BG026417.D  
 Acq: 24 Mar 2017 16:34

Tgt Ion:149 Resp: 2553133  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.4 2.2  
 43 5.5 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E  
 2000000 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.37 ng

RT: 28.43 min Scan# 4313

Delta R.T. -0.03 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

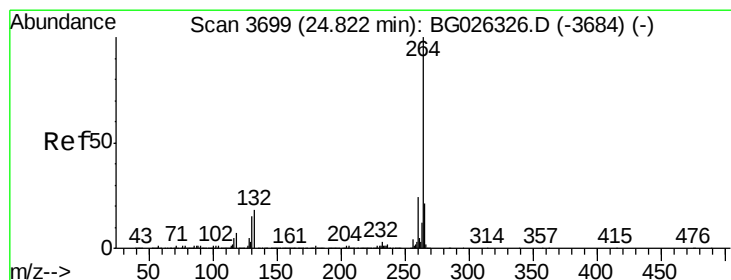
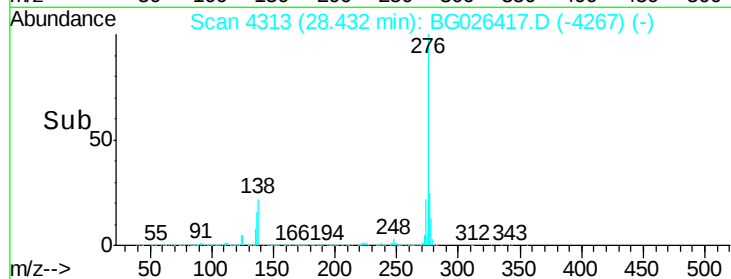
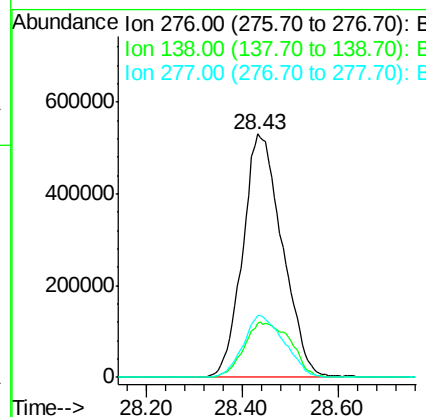
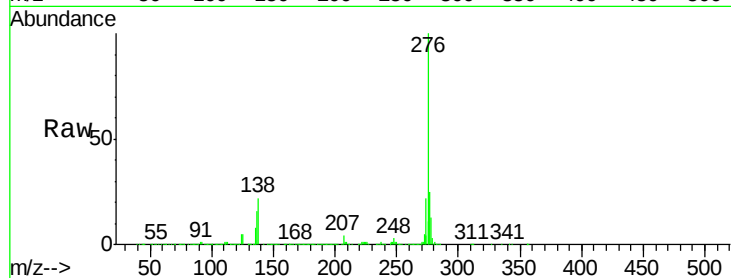
BNA\_G

ClientSampleId :

PB97805BS

Tot Ion:276 Resp: 3039812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 26.6  | 4.7   | 7.1#  |
| 277 | 26.3  | 20.6  | 31.0  |



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3696

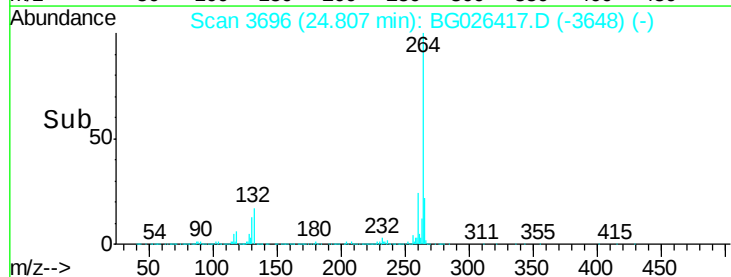
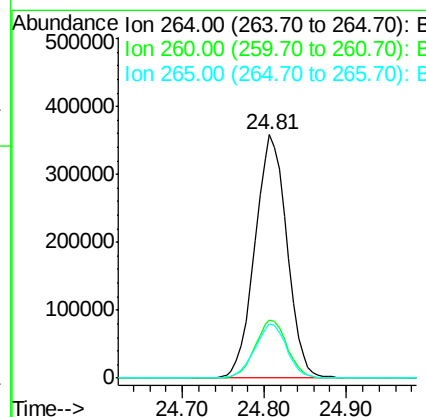
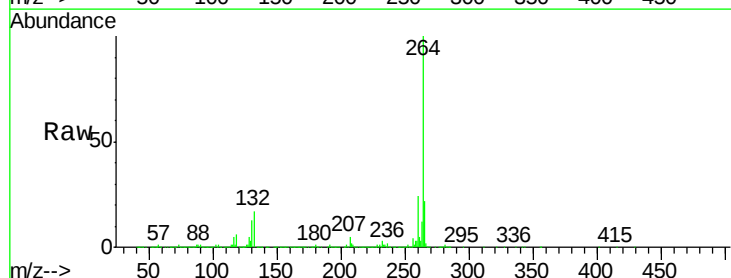
Delta R.T. -0.02 min

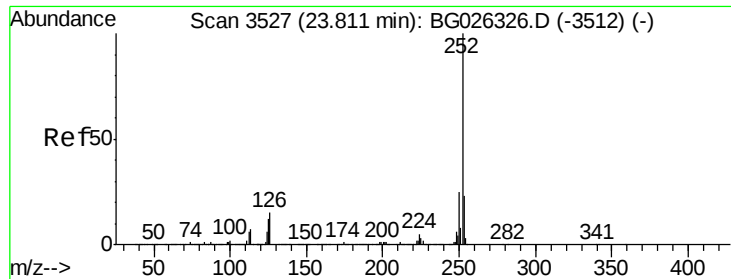
Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Tgt Ion:264 Resp: 974092

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 21.8  | 32.8  |
| 265 | 22.0  | 18.2  | 27.4  |





#87

Benzo(b)fluoranthene

Concen: 43.61 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

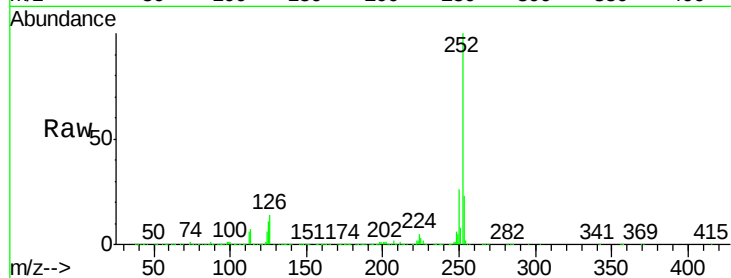
Tot Ion:252 Resp: 2504356

Ion Ratio Lower Upper

252 100

253 23.3 18.7 28.1

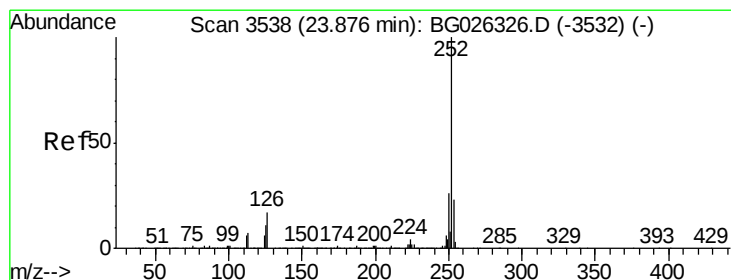
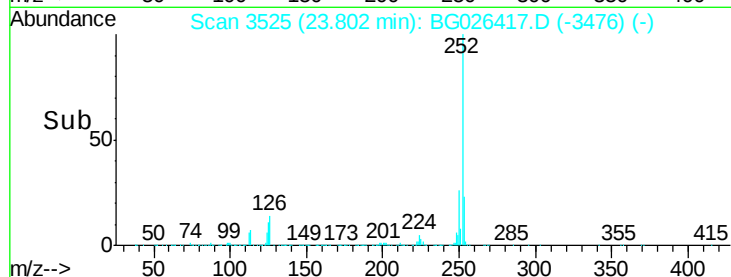
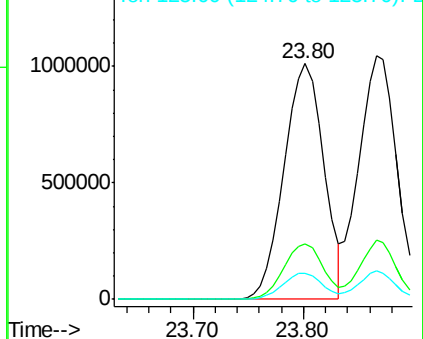
125 11.3 5.3 7.9#



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: 45.11 ng

RT: 23.87 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

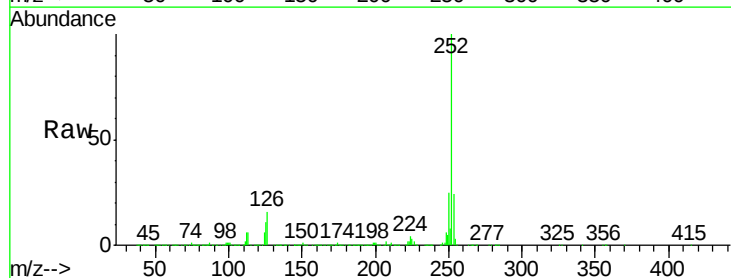
Tgt Ion:252 Resp: 2511732

Ion Ratio Lower Upper

252 100

253 24.3 20.2 30.2

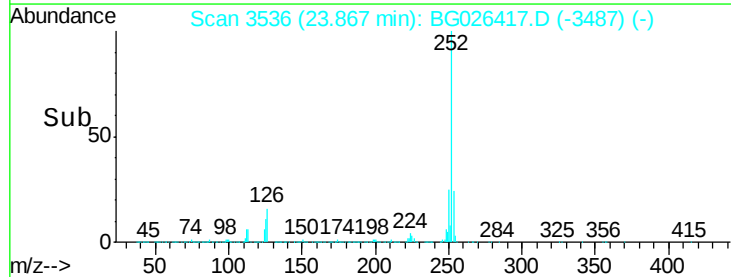
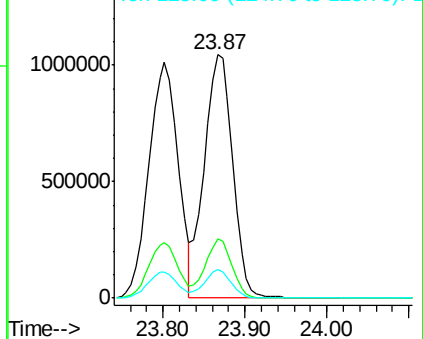
125 11.5 5.1 7.7#

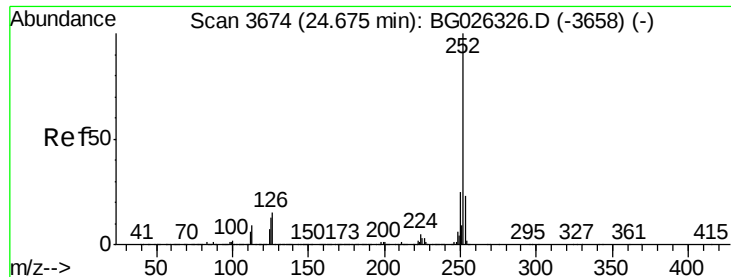


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.88 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

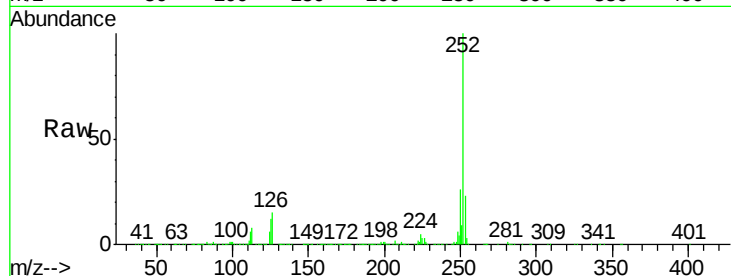
Tot Ion:252 Resp: 2472016

Ion Ratio Lower Upper

252 100

253 23.5 19.2 28.8

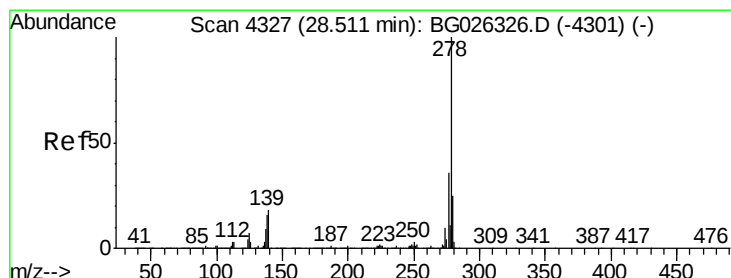
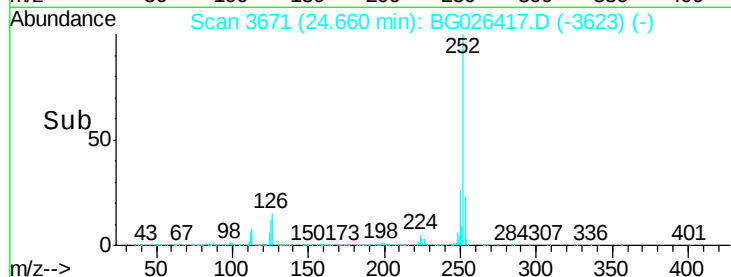
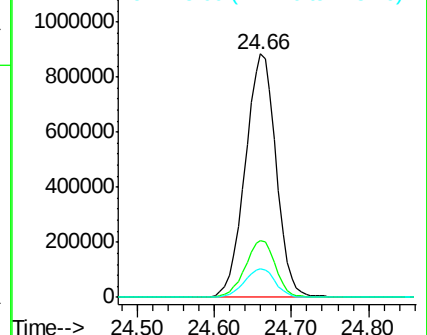
125 11.9 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.62 ng

RT: 28.50 min Scan# 4324

Delta R.T. -0.02 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

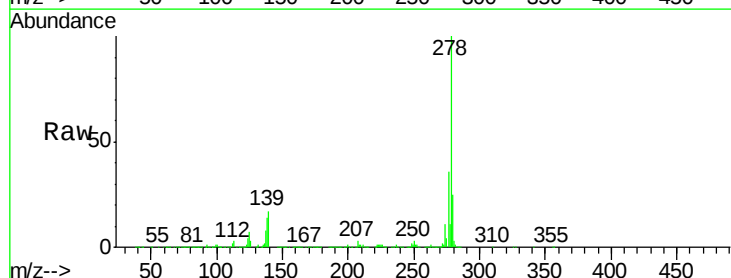
Tgt Ion:278 Resp: 2539020

Ion Ratio Lower Upper

278 100

139 16.6 7.7 11.5#

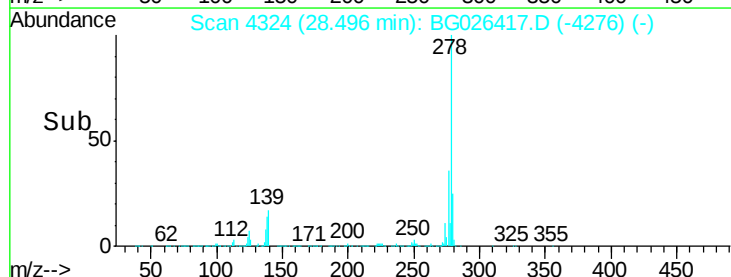
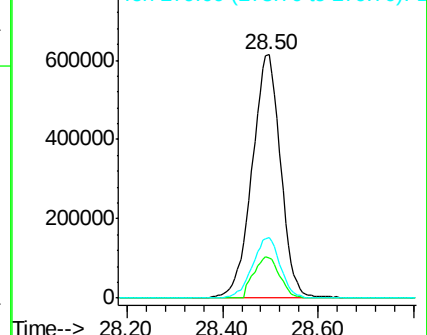
279 25.1 19.1 28.7

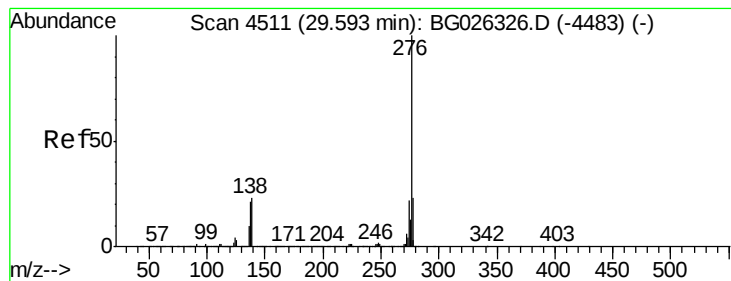


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.09 ng

RT: 29.57 min Scan# 4507

Delta R.T. -0.02 min

Lab File: BG026417.D

Acq: 24 Mar 2017 16:34

Instrument :

BNA\_G

ClientSampleId :

PB97805BS

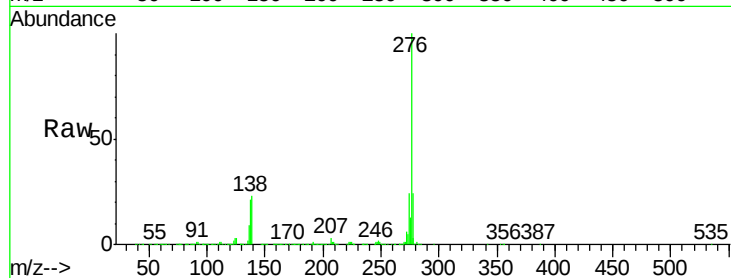
Tot Ion:276 Resp: 2528730

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 22.6 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

