

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\  
 Data File : BG041279.D  
 Acq On : 17 Jun 2019 20:19  
 Operator : HP/JU  
 Sample : PB120628BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 18 07:43:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 14:58:02 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 38850    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.91 | 136  | 151496   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.72 | 164  | 106957   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.46 | 188  | 281054   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 280583   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.05 | 264  | 251361   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.62  | 112 | 304086  | 143.82 | ng | 0.00 |
| 7) Phenol-d6                | 7.24  | 99  | 422277  | 137.78 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.26  | 82  | 297536  | 82.60  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.21 | 330 | 221258  | 134.75 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.34 | 172 | 667500  | 84.82  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.06 | 244 | 1216975 | 85.96  | ng | 0.00 |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88   | 35716    | 33.687 | ng    | 95     |
| 3) Pyridine                    | 3.88  | 79   | 92500    | 32.887 | ng    | 96     |
| 4) n-Nitrosodimethylamine      | 3.80  | 42   | 66324    | 44.217 | ng    | 98     |
| 6) Aniline                     | 7.41  | 93   | 127933   | 30.031 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.65  | 128  | 122594   | 49.345 | ng    | 98     |
| 9) Benzaldehyde                | 7.22  | 77   | 15143    | 7.725  | ng    | 86     |
| 10) Phenol                     | 7.26  | 94   | 157343   | 47.741 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.50  | 93   | 114053   | 45.609 | ng    | 96     |
| 12) 1,3-Dichlorobenzene        | 7.97  | 146  | 129550   | 41.646 | ng    | 91     |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146  | 132435   | 41.678 | ng    | 94     |
| 14) 1,2-Dichlorobenzene        | 8.44  | 146  | 130167   | 42.888 | ng    | 94     |
| 15) Benzyl Alcohol             | 8.33  | 79   | 130205   | 44.341 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60  | 45   | 173580   | 42.402 | ng    | 98     |
| 17) 2-Methylphenol             | 8.52  | 107  | 108643   | 46.109 | ng    | 98     |
| 18) Hexachloroethane           | 9.16  | 117  | 52541    | 41.726 | ng    | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.89  | 70   | 104656   | 42.220 | ng    | 96     |
| 20) 3+4-Methylphenols          | 8.85  | 107  | 149182   | 47.560 | ng    | 97     |
| 22) Acetophenone               | 8.92  | 105  | 197952   | 44.902 | ng    | # 97   |
| 24) Nitrobenzene               | 9.31  | 77   | 167743   | 46.301 | ng    | 97     |
| 25) Isophorone                 | 9.82  | 82   | 288450   | 43.647 | ng    | 98     |
| 26) 2-Nitrophenol              | 10.01 | 139  | 70018    | 47.671 | ng    | 94     |
| 27) 2,4-Dimethylphenol         | 10.06 | 122  | 115705   | 52.554 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93   | 152194   | 44.198 | ng    | 95     |
| 29) 2,4-Dichlorophenol         | 10.55 | 162  | 137985   | 50.547 | ng    | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.76 | 180  | 158090   | 45.218 | ng    | 97     |
| 31) Naphthalene                | 10.96 | 128  | 379341   | 46.072 | ng    | 98     |
| 32) Benzoic acid               | 10.23 | 122  | 73764    | 51.468 | ng    | 92     |
| 33) 4-Chloroaniline            | 11.07 | 127  | 90685    | 25.934 | ng    | 96     |
| 34) Hexachlorobutadiene        | 11.22 | 225  | 115369   | 41.572 | ng    | 98     |
| 35) Caprolactam                | 11.86 | 113  | 25172    | 26.785 | ng    | 90     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107  | 149163   | 47.305 | ng    | 95     |
| 37) 2-Methylnaphthalene        | 12.55 | 142  | 286985   | 47.324 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.78 | 142  | 269779   | 46.498 | ng    | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216  | 208868   | 47.292 | ng    | 100    |

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 Acq On : 17 Jun 2019 20:19  
 Operator : HP/JU  
 Sample : PB120628BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

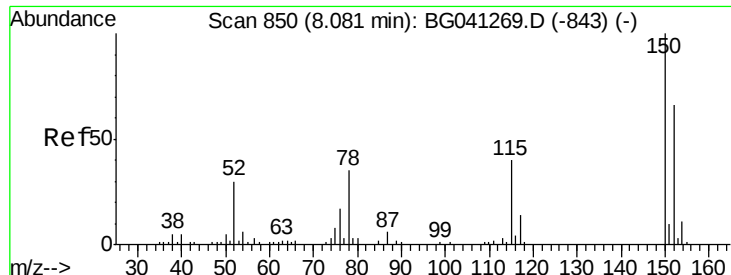
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 18 07:43:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 14:58:02 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 161495   | 54.285    | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 130626   | 47.811    | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 140933   | 50.133    | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.55 | 154  | 377855   | 46.730    | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.60 | 162  | 316233   | 45.426    | nq    | 99       |
| 48) 2-Nitroaniline             | 13.82 | 65   | 112218   | 44.015    | nq    | 91       |
| 49) Acenaphthylene             | 14.44 | 152  | 486483   | 46.052    | nq    | 99       |
| 50) Dimethylphthalate          | 14.17 | 163  | 400477   | 42.082    | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.30 | 165  | 91493    | 45.596    | nq    | 93       |
| 52) Acenaphthene               | 14.79 | 154  | 281634   | 45.402    | nq    | 97       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 68492    | 34.645    | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 91722    | 64.566    | nq    | 94       |
| 55) Dibenzofuran               | 15.11 | 168  | 496487   | 46.034    | nq    | 97       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 140808   | 93.201    | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.08 | 165  | 130502   | 44.490    | nq    | 97       |
| 58) Fluorene                   | 15.77 | 166  | 385479   | 45.435    | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 141413   | 48.644    | nq    | 94       |
| 60) Diethylphthalate           | 15.52 | 149  | 409038   | 42.287    | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.75 | 204  | 247079   | 44.760    | nq    | 97       |
| 62) 4-Nitroaniline             | 15.80 | 138  | 79583    | 37.637    | nq    | 96       |
| 63) Azobenzene                 | 16.04 | 77   | 386476   | 44.786    | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198  | 62365    | 34.186    | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.97 | 169  | 350582   | 46.978    | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 161956   | 44.565    | nq    | 97       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 167374   | 43.010    | nq    | 95       |
| 69) Atrazine                   | 16.91 | 200  | 145750   | Below Cal |       | 93       |
| 70) Pentachlorophenol          | 17.11 | 266  | 209020   | 104.893   | nq    | 98       |
| 71) Phenanthrene               | 17.51 | 178  | 671930   | 44.826    | nq    | 100      |
| 72) Anthracene                 | 17.60 | 178  | 683747   | 46.269    | nq    | 99       |
| 73) Carbazole                  | 17.88 | 167  | 600871   | 46.481    | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.40 | 149  | 703222   | 43.597    | nq    | 99       |
| 75) Fluoranthene               | 19.51 | 202  | 870672   | 43.722    | nq    | 97       |
| 77) Benzidine                  | 19.70 | 184  | 351734   | 51.827    | nq    | 99       |
| 78) Pyrene                     | 19.87 | 202  | 879798   | 46.494    | nq    | 97       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 327733   | 45.789    | nq    | 95       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 849442   | 44.712    | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.64 | 252  | 299329   | 44.884    | nq    | 99       |
| 83) Chrysene                   | 21.79 | 228  | 836918   | 45.808    | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 449213   | 46.054    | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.82 | 149  | 769786   | 46.646    | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.86 | 276  | 989539   | 45.651    | nq    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.99 | 252  | 854328   | 54.843    | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.06 | 252  | 836470   | 54.204    | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.90 | 252  | 830702   | 56.465    | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.92 | 278  | 827873   | 55.895    | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.06 | 276  | 812623   | 55.518    | nq    | 96       |

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



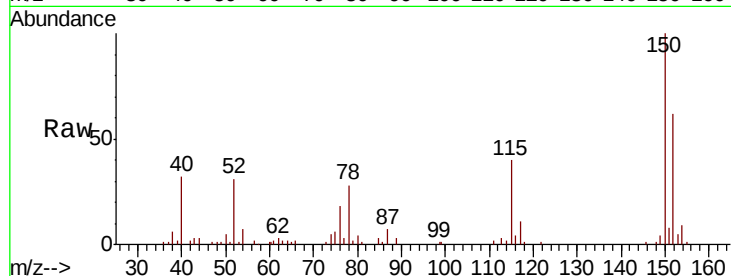


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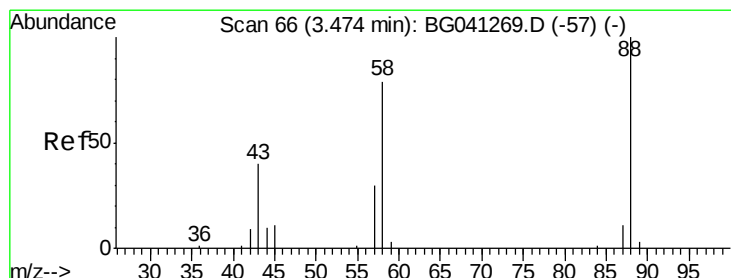
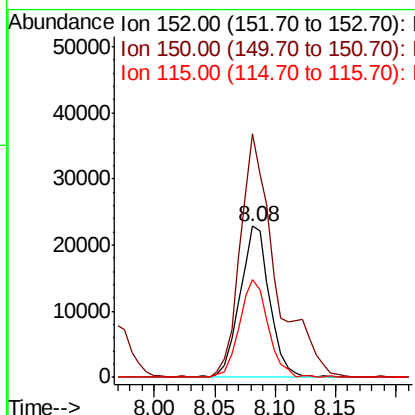
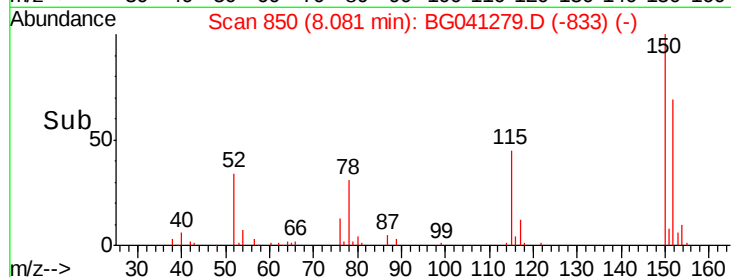
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.08 min Scan# 850  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:152 Resp: 38850  
Ion Ratio Lower Upper  
152 100  
150 161.1 120.6 181.0  
115 64.5 47.9 71.9



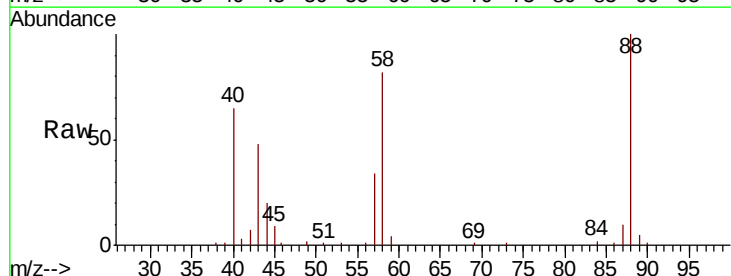
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



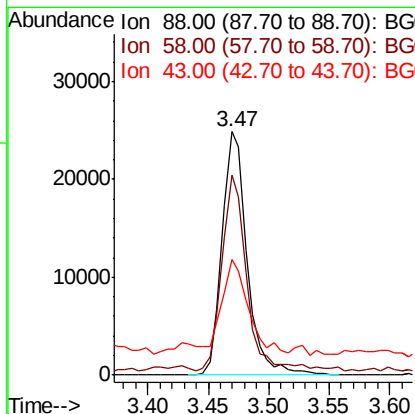
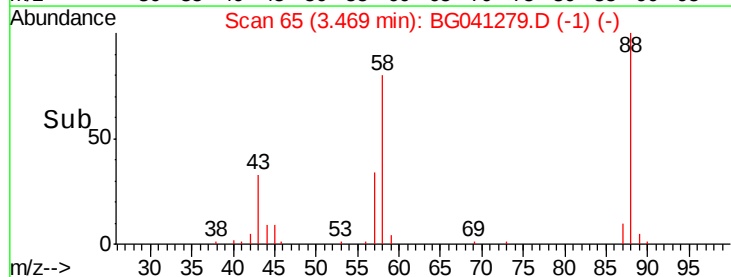
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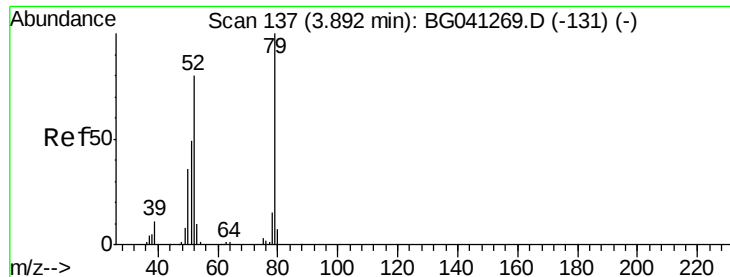
1,4-Dioxane  
Concen: 33.687 ng  
RT: 3.47 min Scan# 65  
Delta R.T. -0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Tgt Ion: 88 Resp: 35716  
Ion Ratio Lower Upper  
88 100  
58 81.6 59.7 89.5  
43 39.8 31.9 47.9



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: 32.887 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

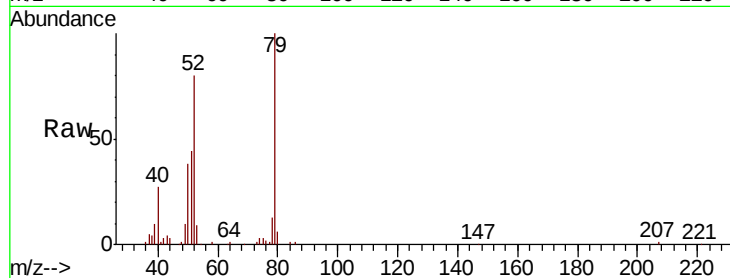
Tot Ion: 79 Resp: 92500

Ion Ratio Lower Upper

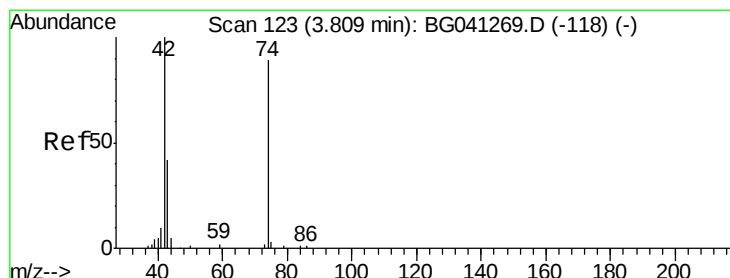
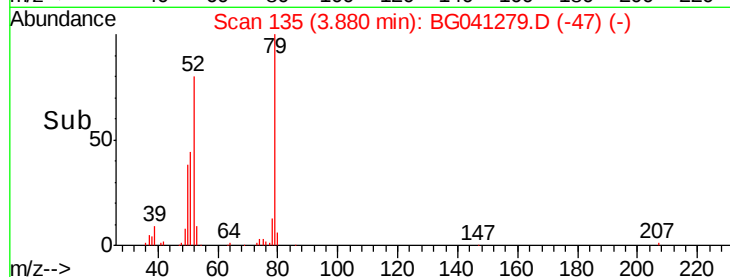
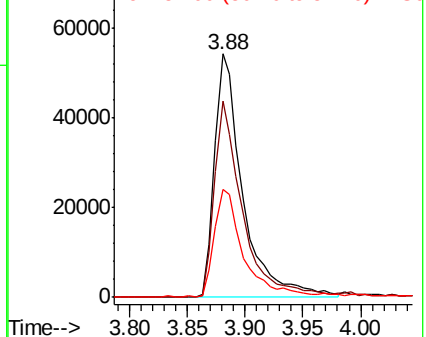
79 100

52 80.4 63.6 95.4

51 44.3 39.8 59.6



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: 44.217 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

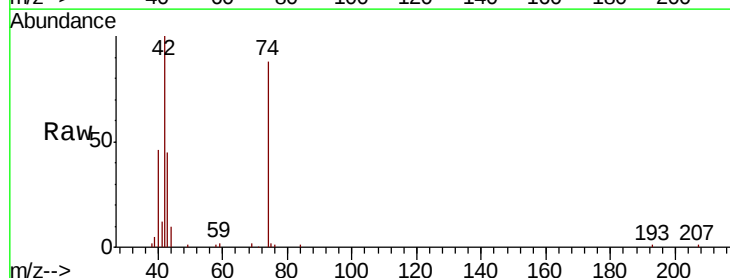
Tgt Ion: 42 Resp: 66324

Ion Ratio Lower Upper

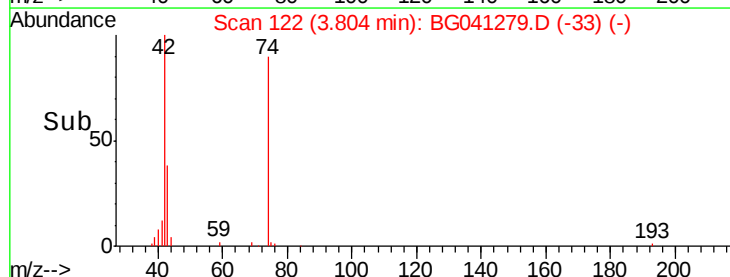
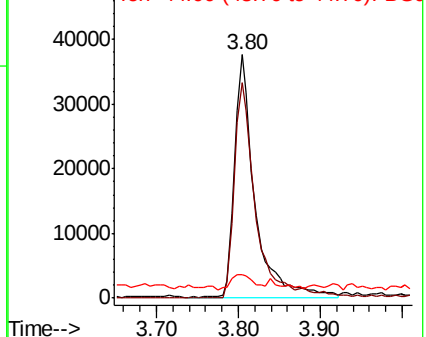
42 100

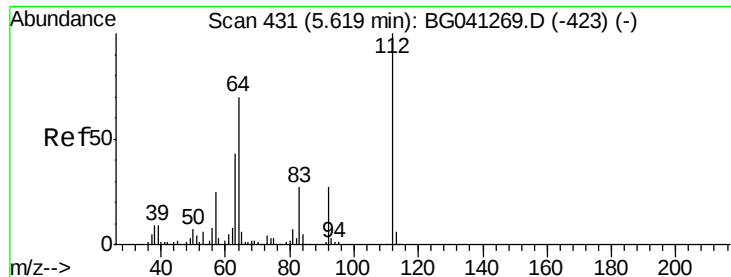
74 88.3 71.6 107.4

44 9.8 9.0 13.4



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: 143.818 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampled :

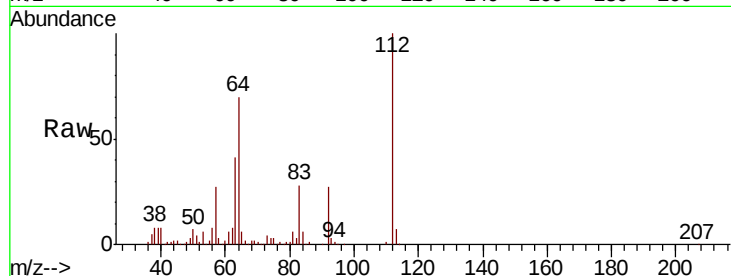
Tot Ion:112 Resp: 304086

Ion Ratio Lower Upper

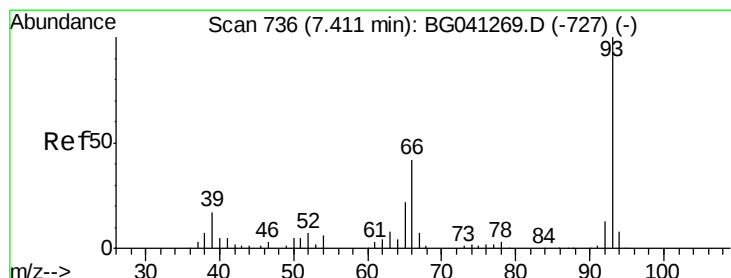
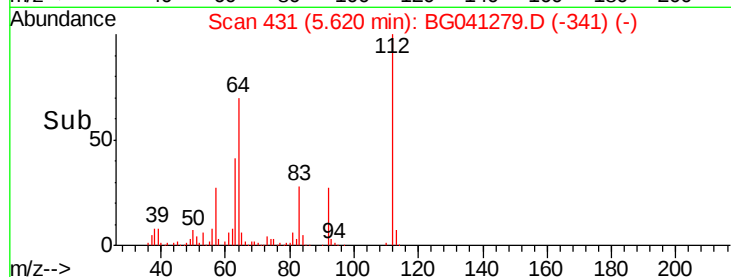
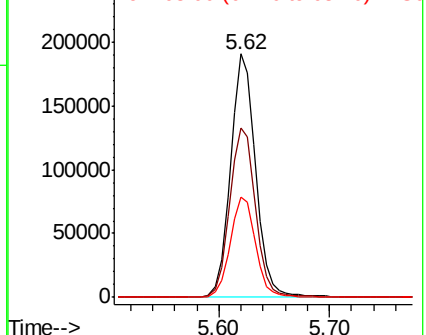
112 100

64 69.6 55.9 83.9

63 41.4 34.6 51.8



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: 30.031 ng

RT: 7.41 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

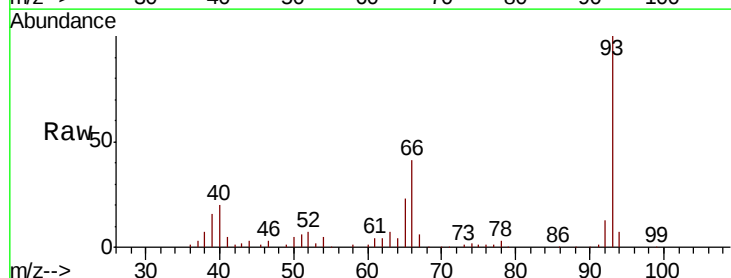
Tgt Ion: 93 Resp: 127933

Ion Ratio Lower Upper

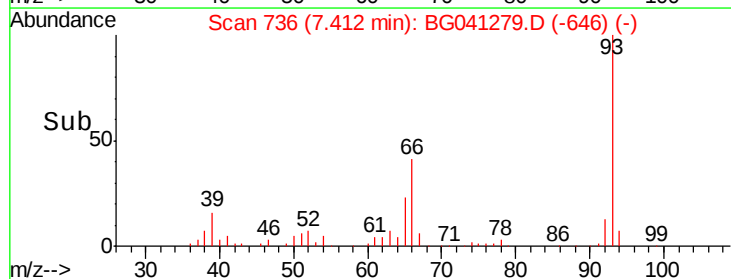
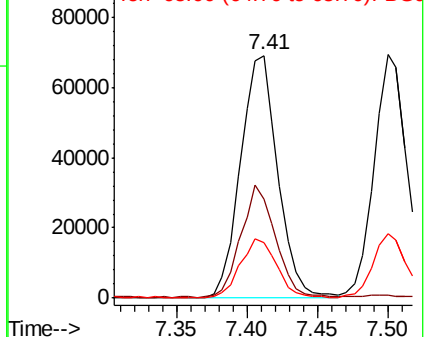
93 100

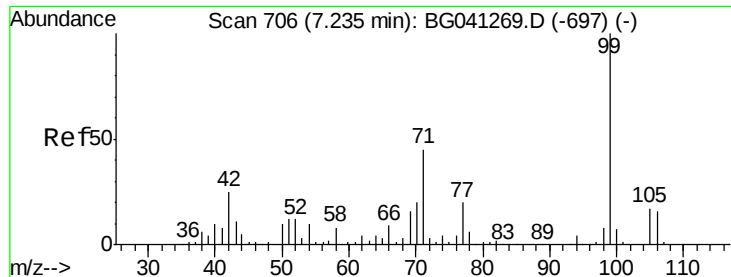
66 40.8 34.2 51.2

65 22.6 17.7 26.5



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: 137.782 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

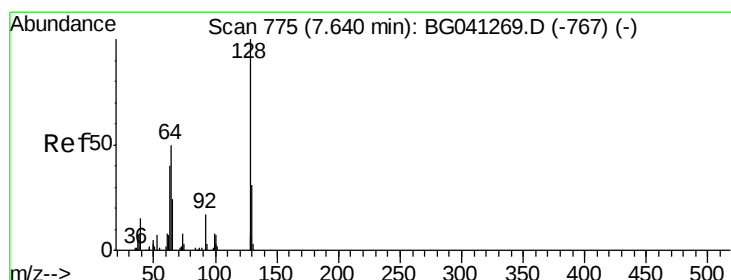
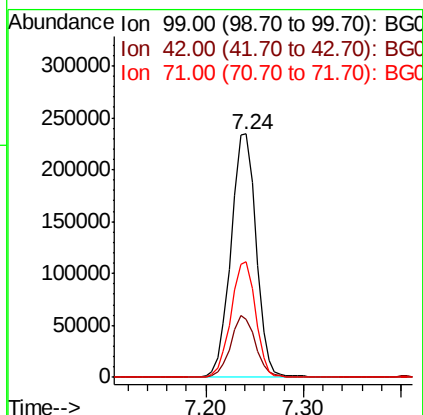
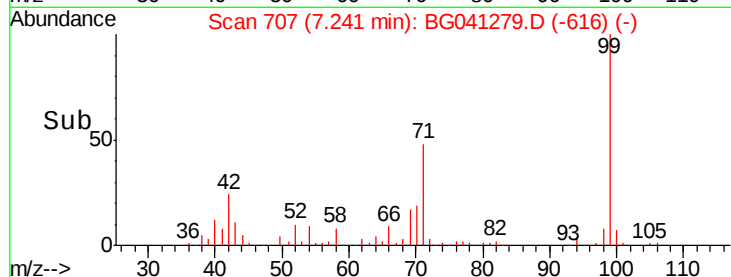
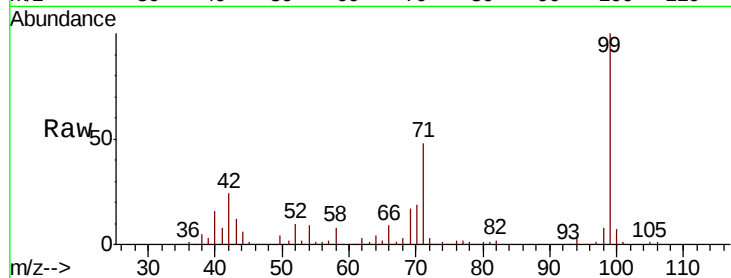
Tot Ion: 99 Resp: 422277

Ion Ratio Lower Upper

99 100

42 23.8 19.9 29.9

71 47.7 36.4 54.6



#8

2-Chlorophenol

Concen: 49.345 ng

RT: 7.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

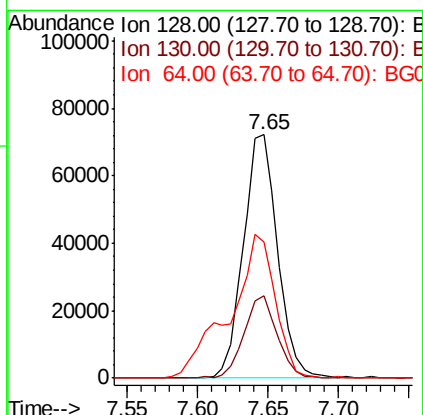
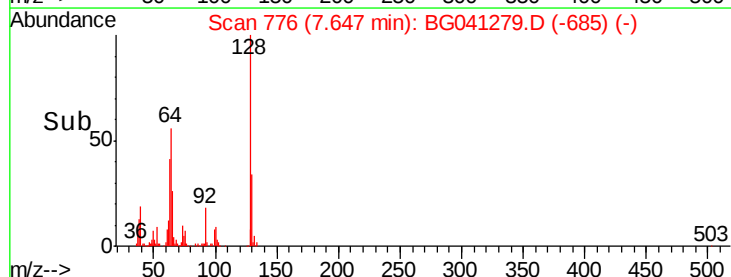
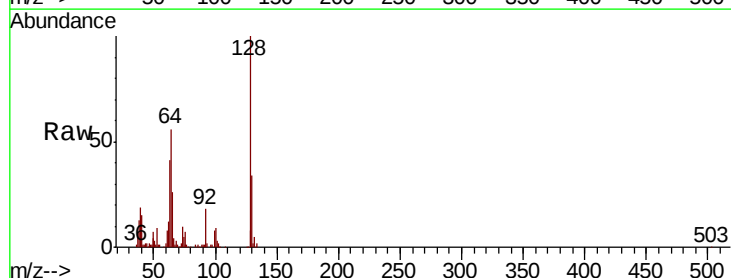
Tgt Ion:128 Resp: 122594

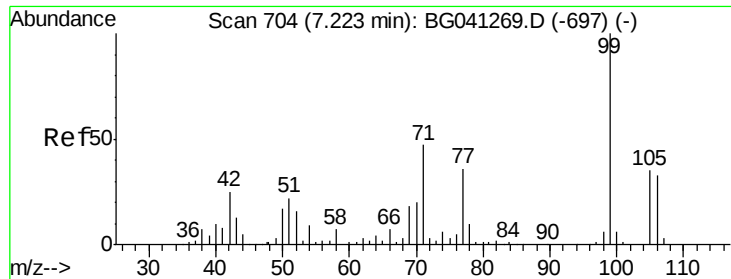
Ion Ratio Lower Upper

128 100

130 34.1 11.1 51.1

64 56.1 36.6 76.6

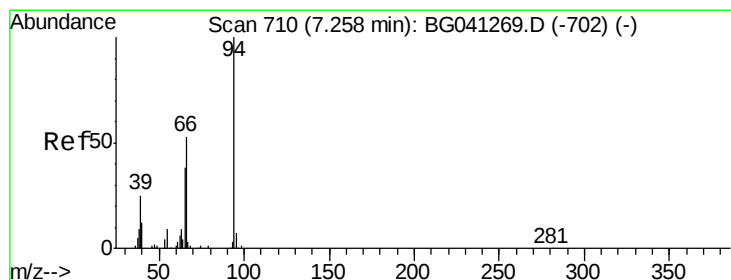
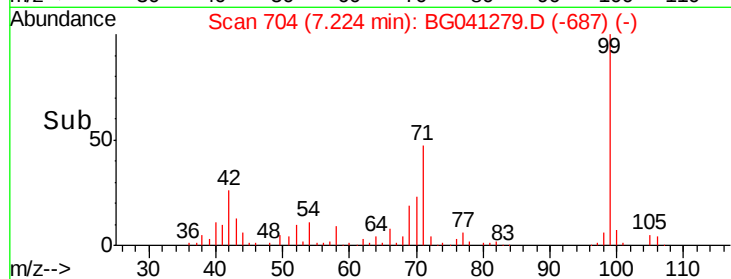
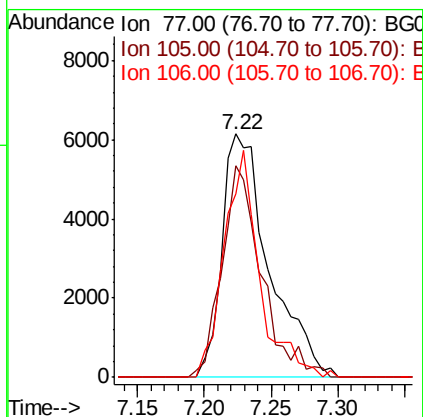
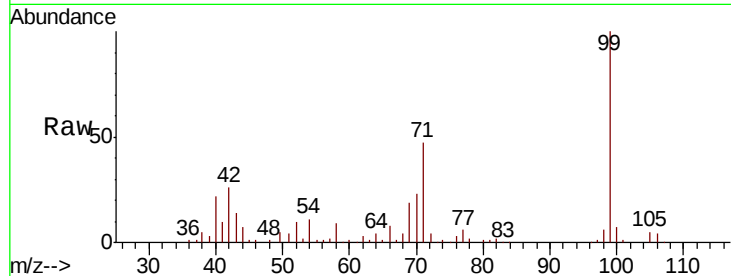




#9  
Benzaldehydve  
Concen: 7.725 ng  
RT: 7.22 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

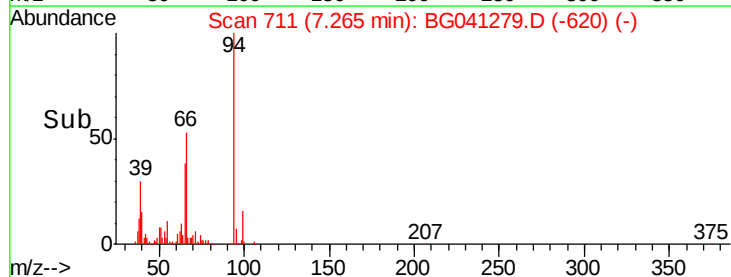
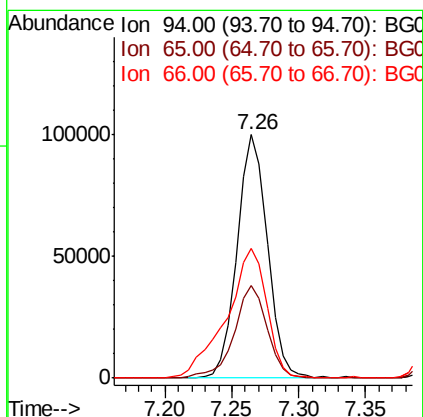
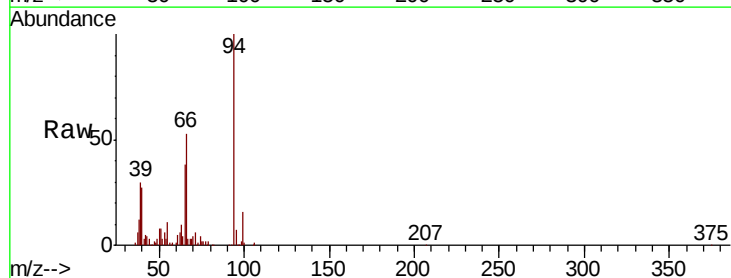
Instrument :  
BNA\_G  
ClientSampleId :

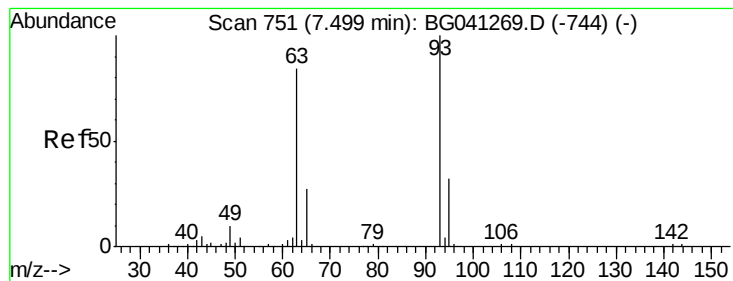
Tot Ion: 77 Resp: 15143  
Ion Ratio Lower Upper  
77 100  
105 87.2 78.7 118.7  
106 75.6 71.1 111.1



#10  
Phenol  
Concen: 47.741 ng  
RT: 7.26 min Scan# 711  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Tgt Ion: 94 Resp: 157343  
Ion Ratio Lower Upper  
94 100  
65 37.8 18.7 58.7  
66 53.1 35.5 75.5

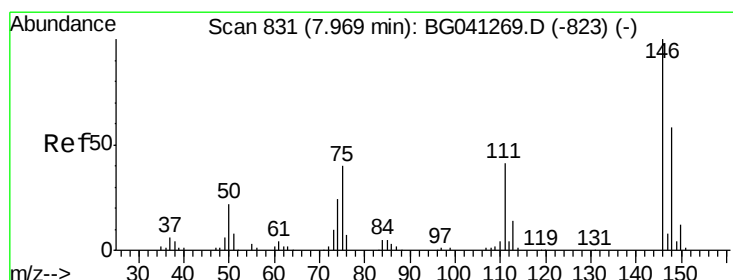
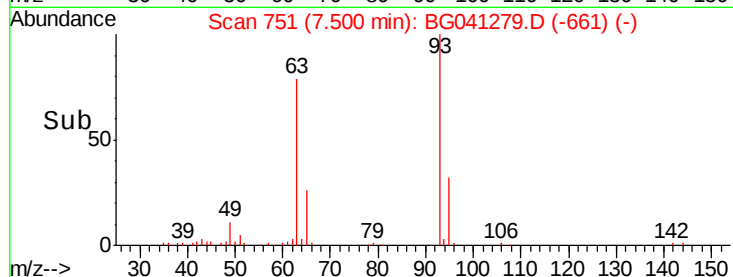
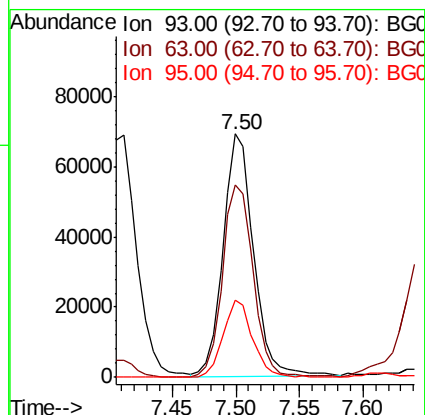
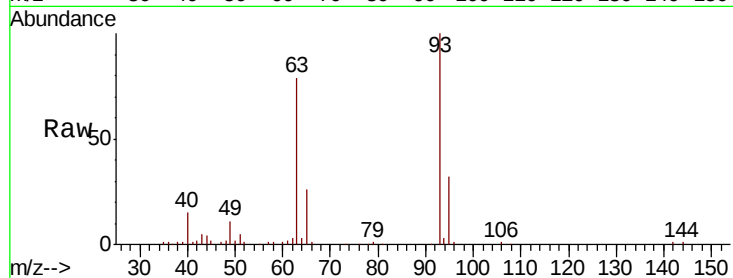




#11  
 bis(2-Chloroethyl)ether  
 Concen: 45.609 ng  
 RT: 7.50 min Scan# 751  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

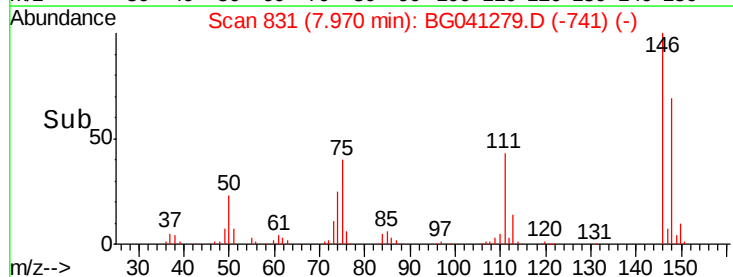
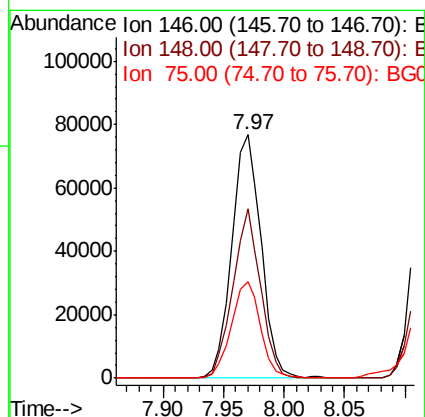
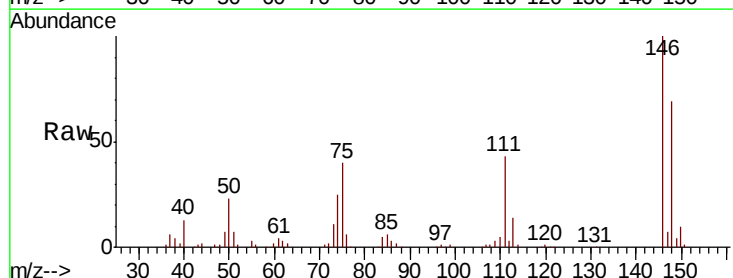
Instrument :  
 BNA\_G  
 ClientSampleId :

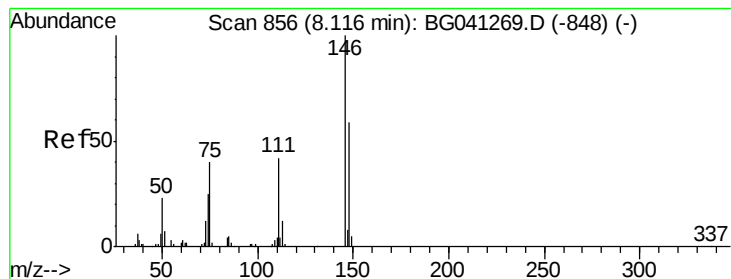
Tot Ion: 93 Resp: 114053  
 Ion Ratio Lower Upper  
 93 100  
 63 79.2 63.6 103.6  
 95 31.8 11.2 51.2



#12  
 1,3-Dichlorobenzene  
 Concen: 41.646 ng  
 RT: 7.97 min Scan# 831  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

Tgt Ion: 146 Resp: 129550  
 Ion Ratio Lower Upper  
 146 100  
 148 69.4 46.5 69.7  
 75 39.7 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 41.678 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

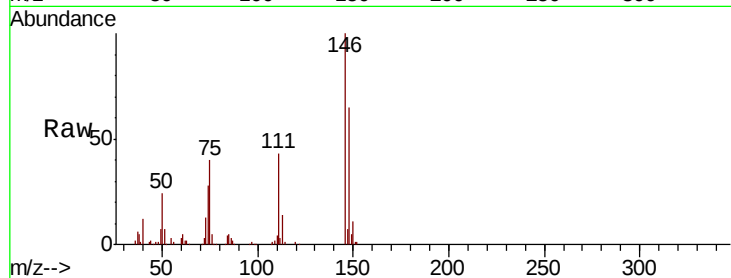
Tot Ion:146 Resp: 132435

Ion Ratio Lower Upper

146 100

148 65.4 47.3 70.9

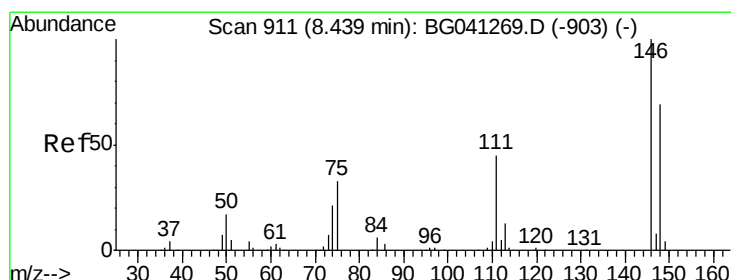
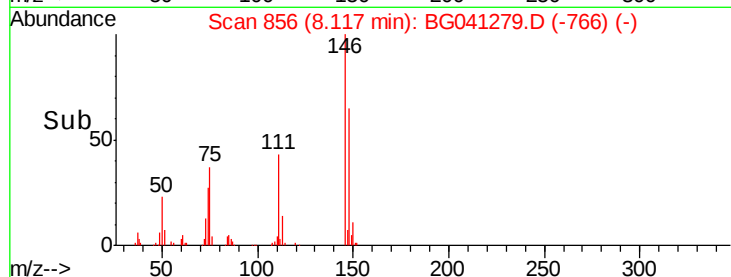
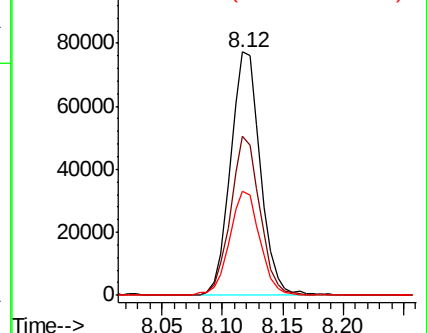
111 42.9 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.888 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

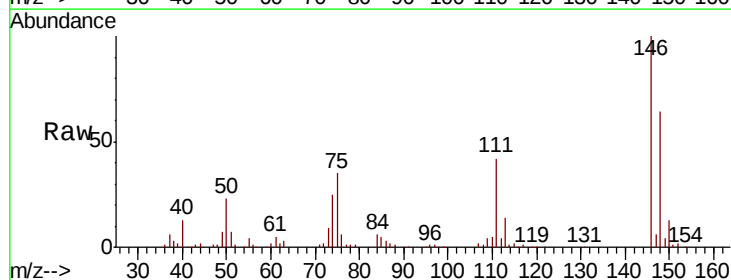
Tgt Ion:146 Resp: 130167

Ion Ratio Lower Upper

146 100

148 63.9 54.9 82.3

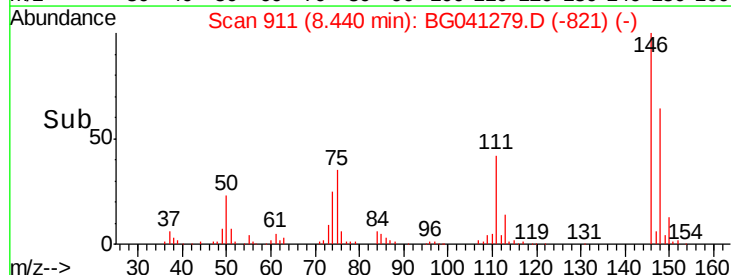
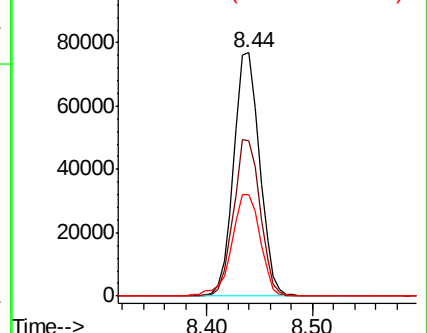
111 41.6 37.0 55.6

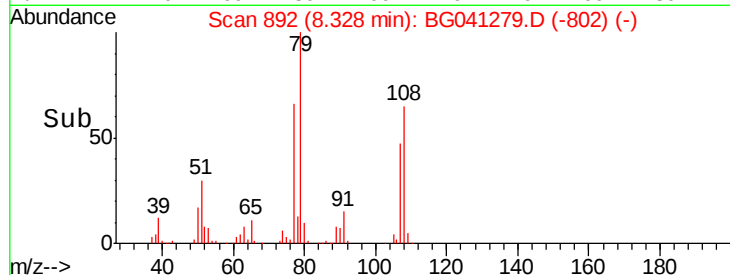
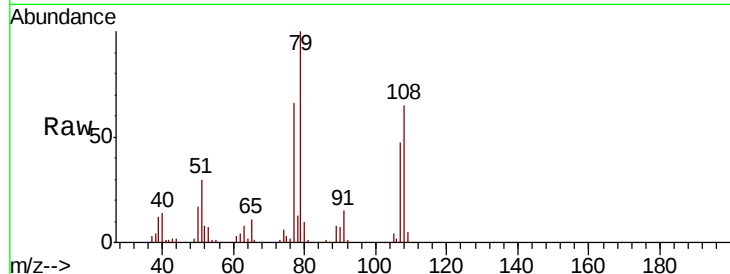
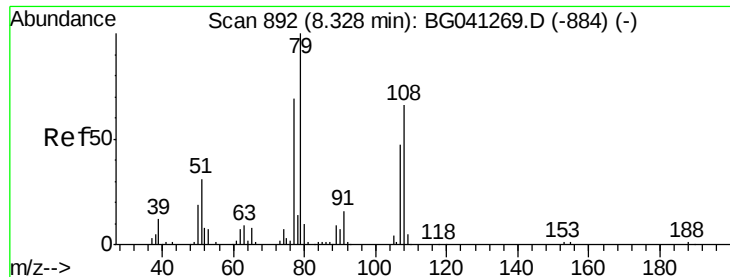


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

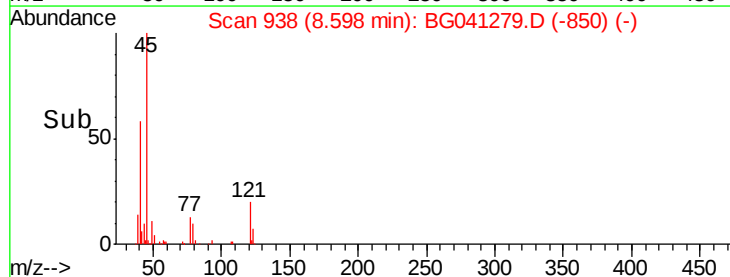
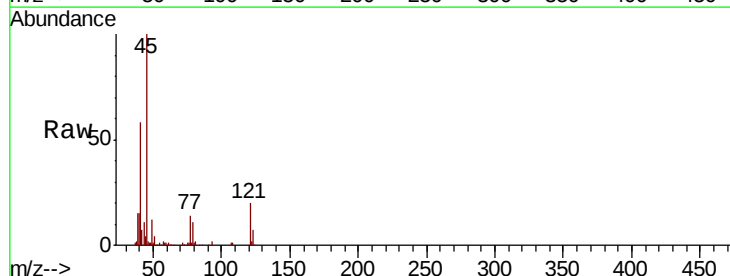
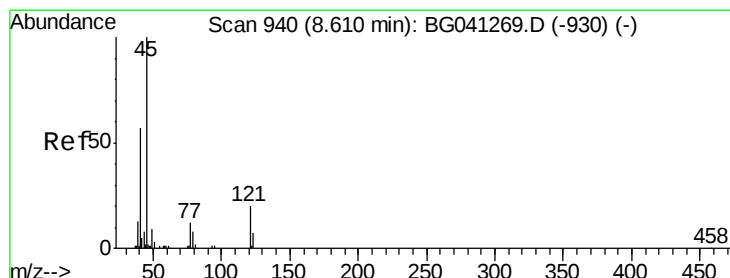
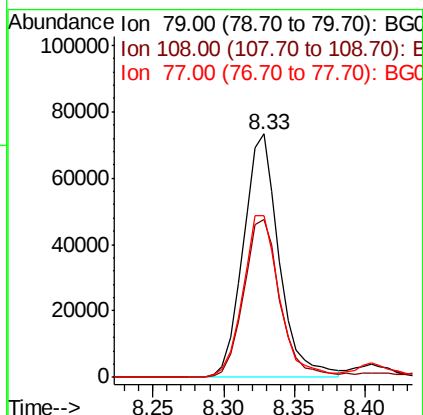




#15  
Benzyl Alcohol  
Concen: 44.341 ng  
RT: 8.33 min Scan# 892  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

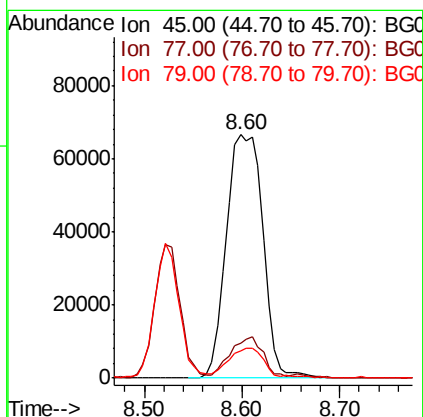
Instrument :  
BNA\_G  
ClientSampled :

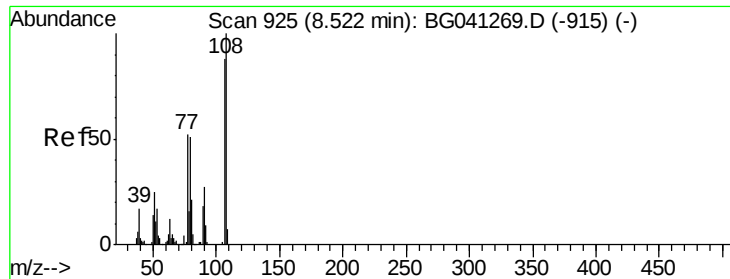
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 64.6  | 52.7  | 79.1  |
| 77      | 66.4  | 55.2  | 82.8  |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.402 ng  
RT: 8.60 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.3  | 0.0   | 35.2  |
| 79      | 11.0  | 0.0   | 31.6  |





#17

2-Methylphenol

Concen: 46.109 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 108643

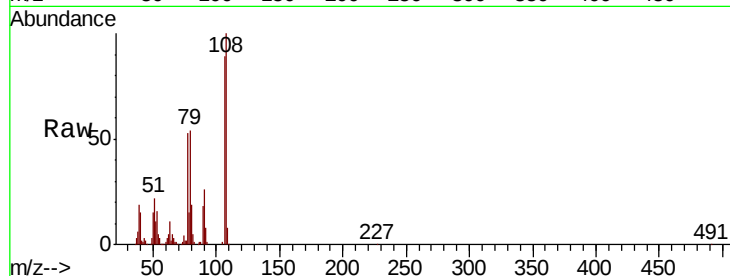
Ion Ratio Lower Upper

107 100

108 112.8 91.7 137.5

77 60.1 47.8 71.8

79 60.5 46.8 70.2

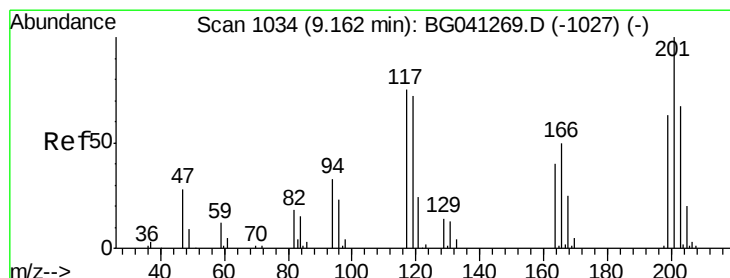
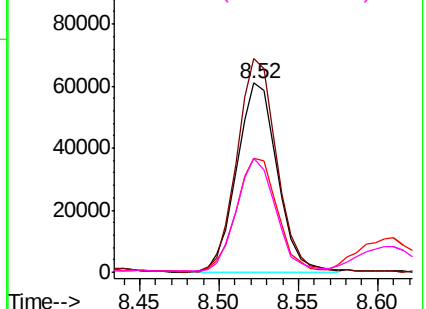
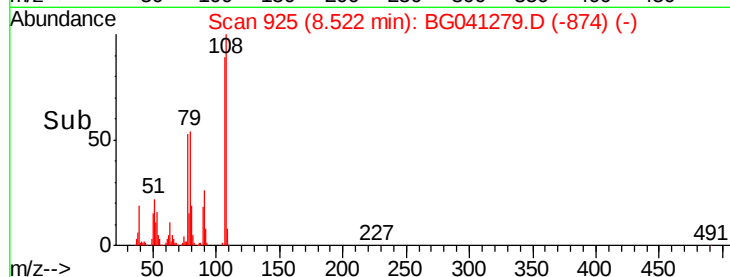


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.726 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

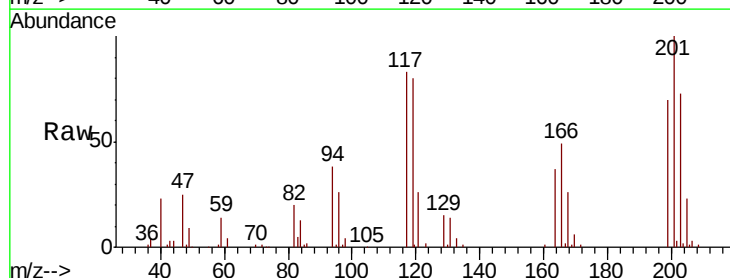
Tgt Ion:117 Resp: 52541

Ion Ratio Lower Upper

117 100

119 98.8 76.8 115.2

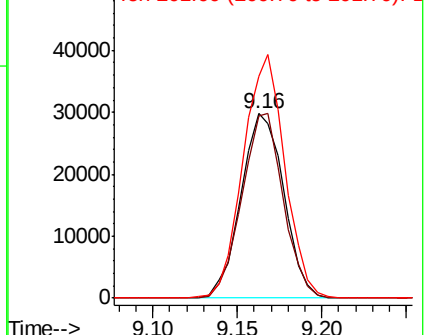
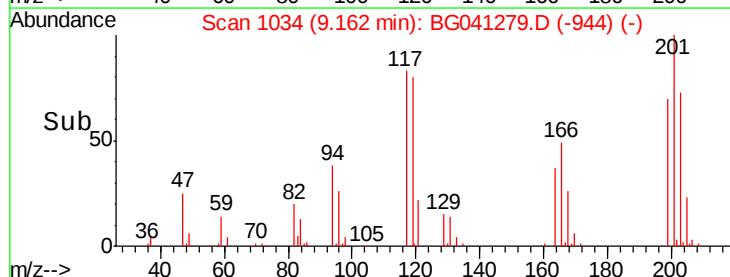
201 120.8 106.3 159.5

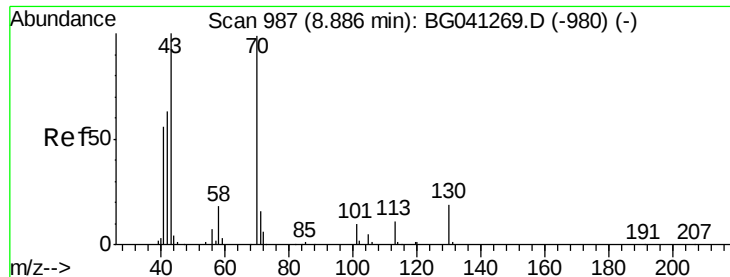


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

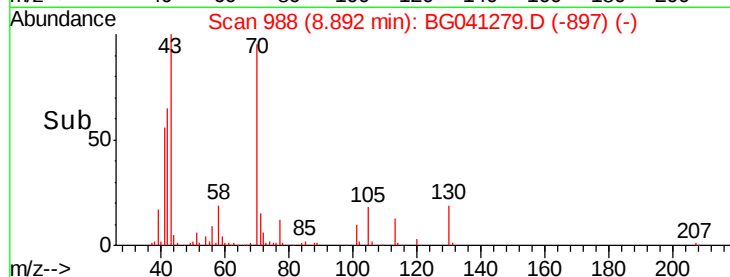
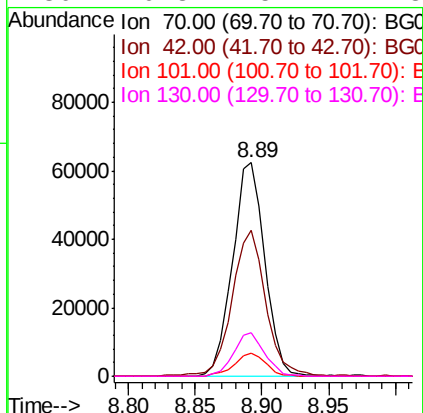
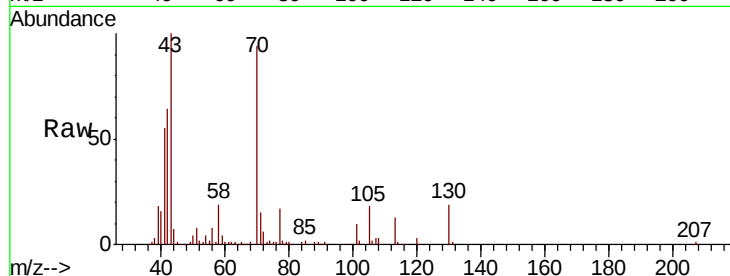




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.220 ng  
RT: 8.89 min Scan# 988  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

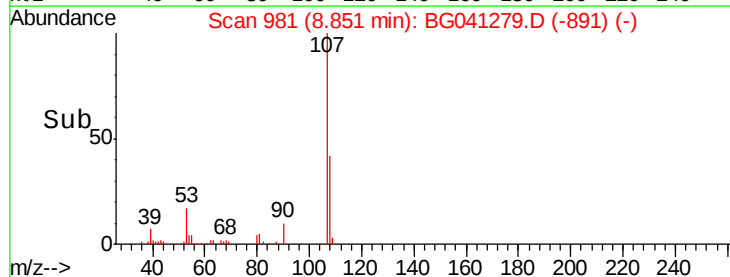
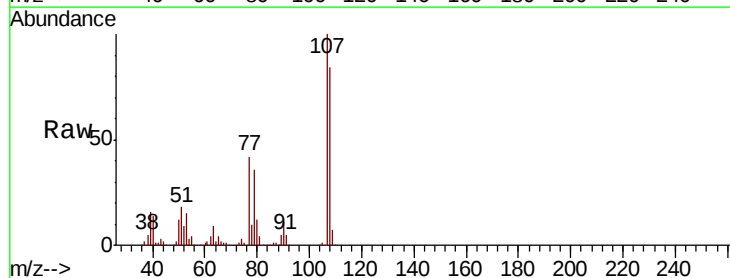
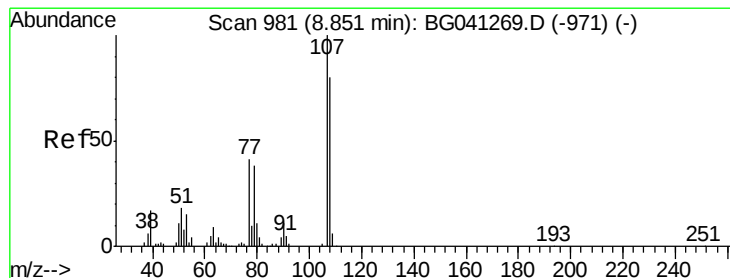
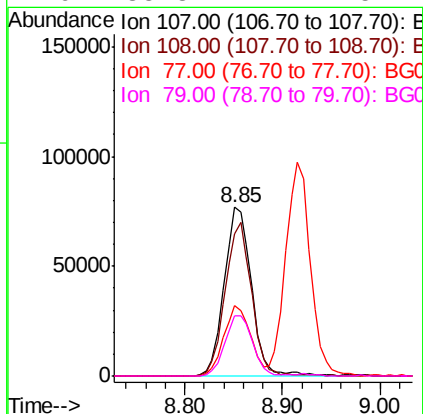
Instrument :  
BNA\_G  
ClientSampleId :

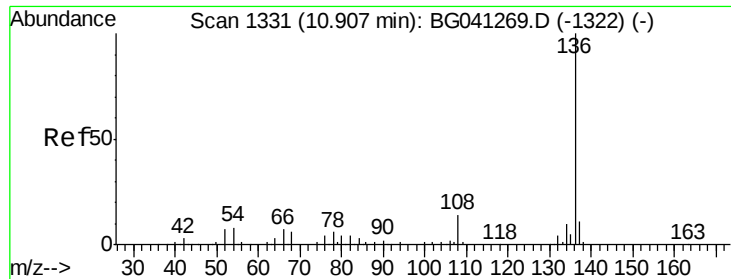
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 104656 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 68.4  | 51.4  | 77.2   |
| 101      | 10.8  | 8.2   | 12.2   |
| 130      | 20.3  | 15.2  | 22.8   |



#20  
3+4-Methylphenols  
Concen: 47.560 ng  
RT: 8.85 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 149182 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 83.9  | 60.4  | 100.4  |
| 77       | 41.7  | 21.2  | 61.2   |
| 79       | 35.8  | 17.7  | 57.7   |

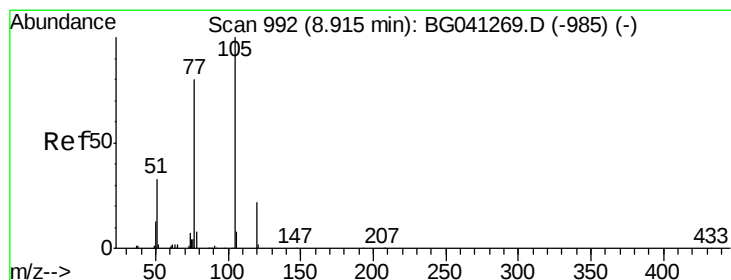
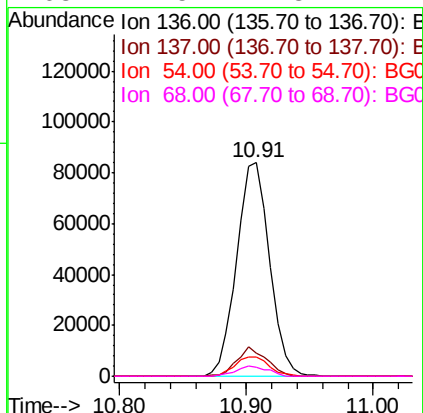
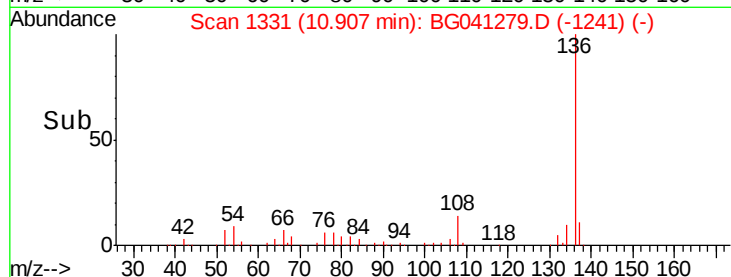
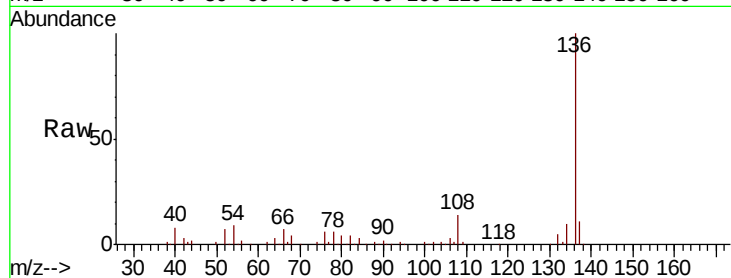




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

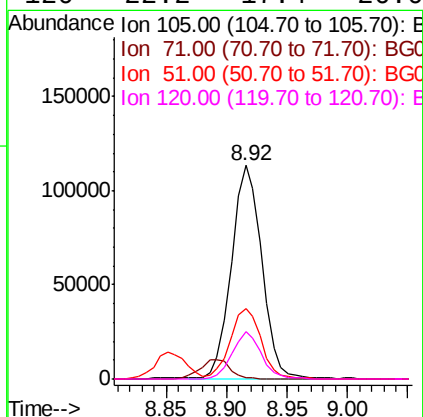
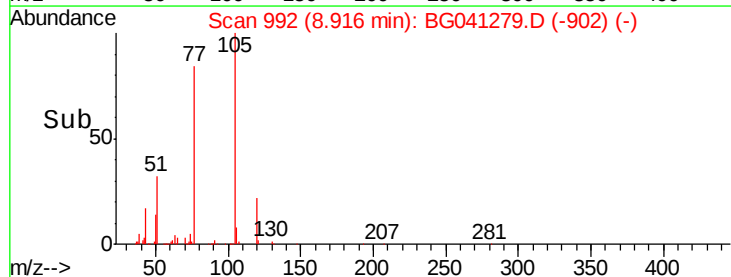
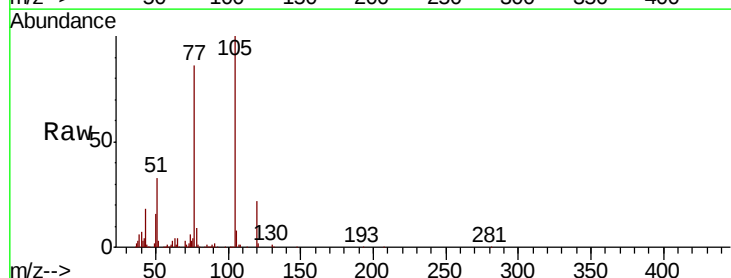
Instrument :  
BNA\_G  
ClientSampleId :

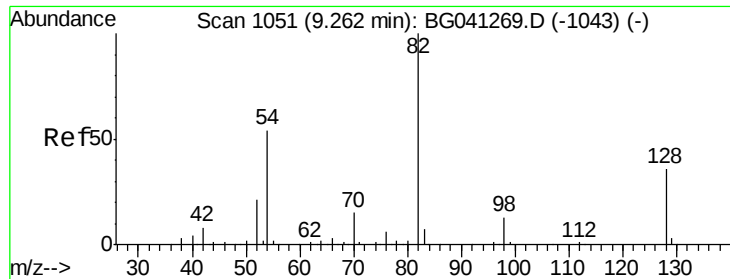
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 151496   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 8.8 13.2 |
| 54          | 9.3   | 6.4 9.6  |
| 68          | 4.5   | 4.8 7.2# |



#22  
Acetophenone  
Concen: 44.902 ng  
RT: 8.92 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 197952    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.7   | 0.4 0.6#  |
| 51          | 33.1  | 28.2 42.4 |
| 120         | 22.2  | 17.4 26.0 |

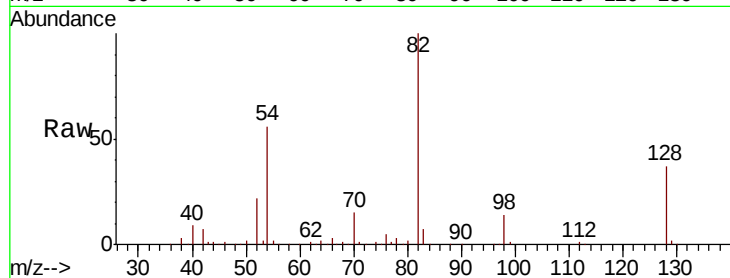




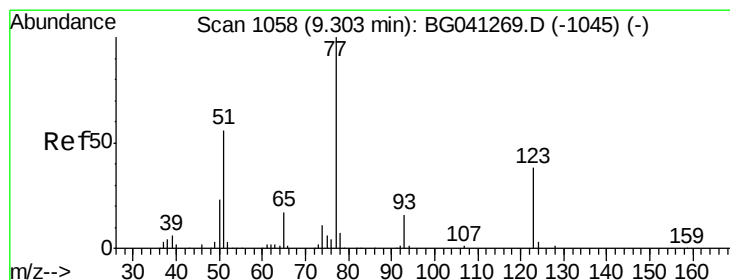
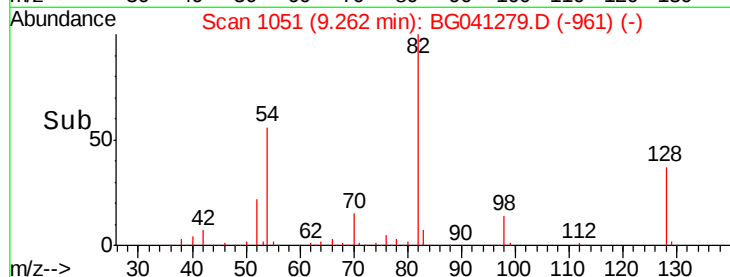
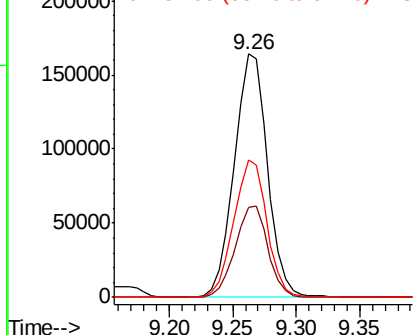
#23  
Nitrobenzene-d5  
Concen: 82.598 ng  
RT: 9.26 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion   | 82    | Resp  | 297536 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.0  | 29.2  | 43.8   |
| 54        | 56.4  | 43.4  | 65.0   |

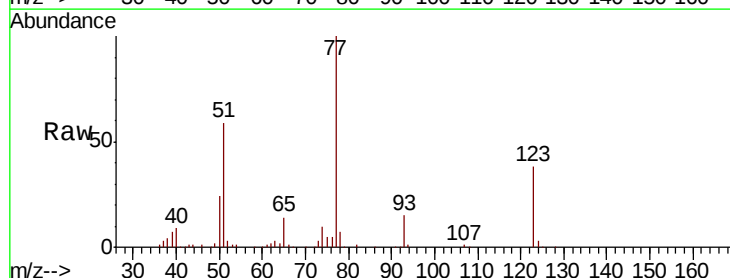


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

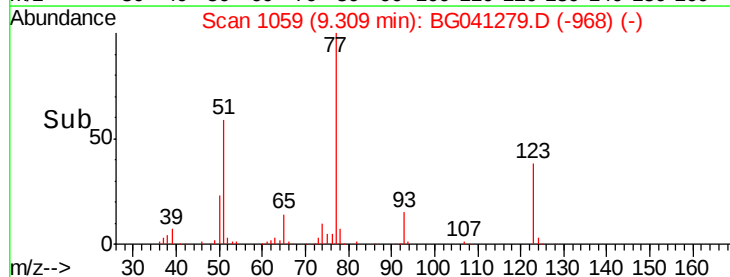
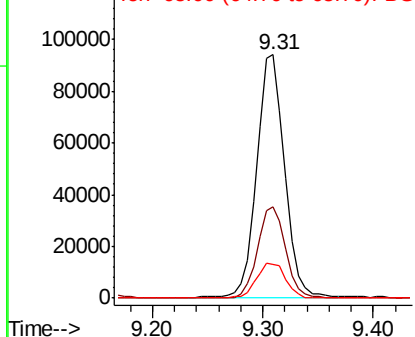


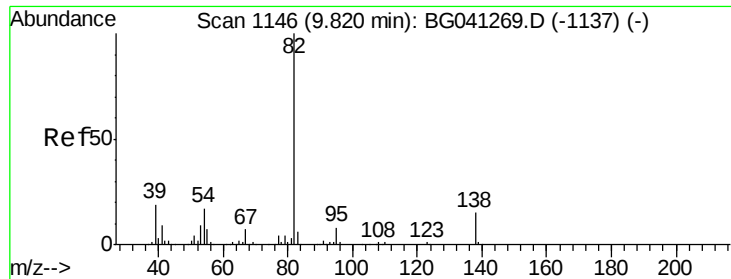
#24  
Nitrobenzene  
Concen: 46.301 ng  
RT: 9.31 min Scan# 1059  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

| Tgt Ion   | 77    | Resp  | 167743 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 37.6  | 30.4  | 45.6   |
| 65        | 13.7  | 13.3  | 19.9   |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC

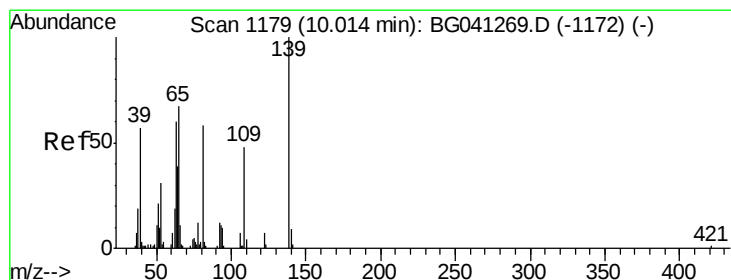
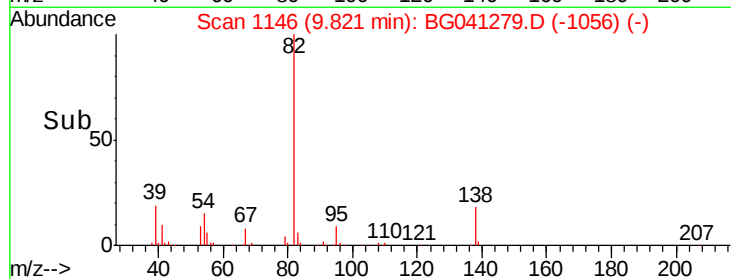
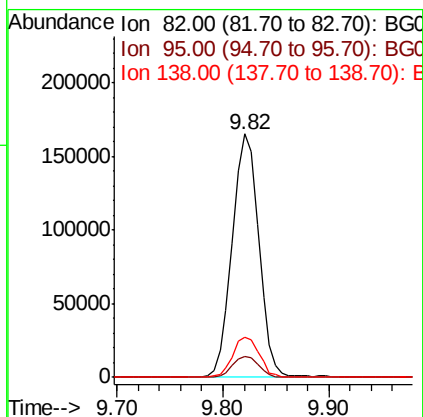
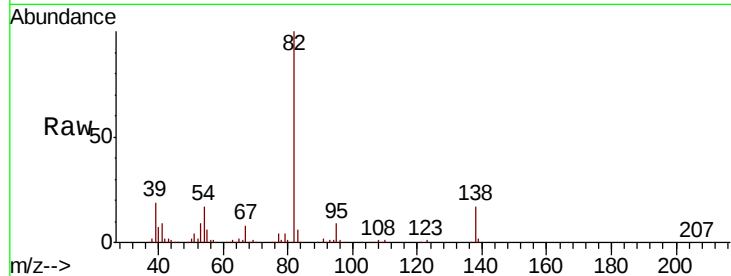




#25  
Isophorone  
Concen: 43.647 ng  
RT: 9.82 min Scan# 1146  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

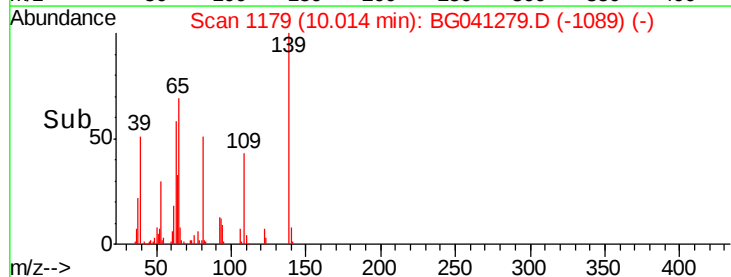
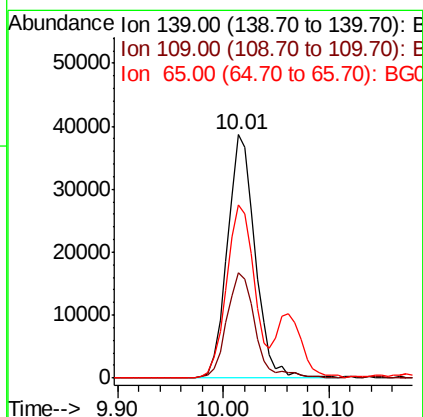
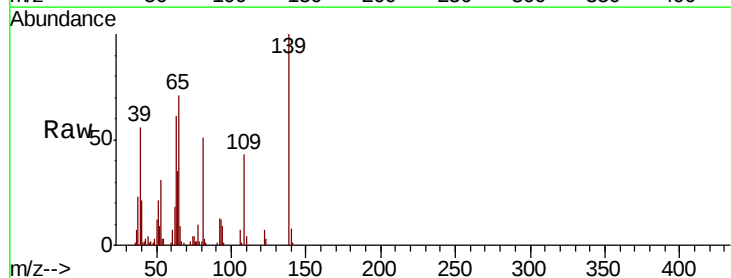
Instrument :  
BNA\_G  
ClientSampleId :

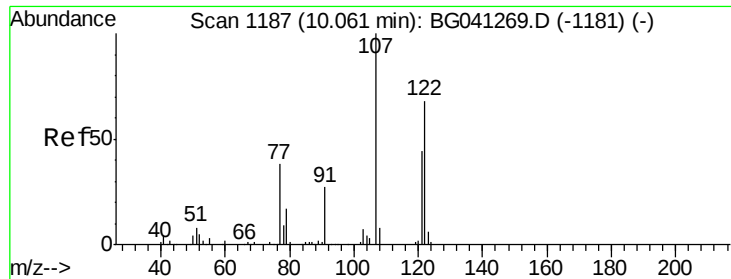
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.7   | 6.6   | 10.0  |
| 138     | 16.5  | 12.3  | 18.5  |



#26  
2-Nitrophenol  
Concen: 47.671 ng  
RT: 10.01 min Scan# 1179  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 43.3  | 38.4  | 57.6  |
| 65      | 71.1  | 53.6  | 80.4  |

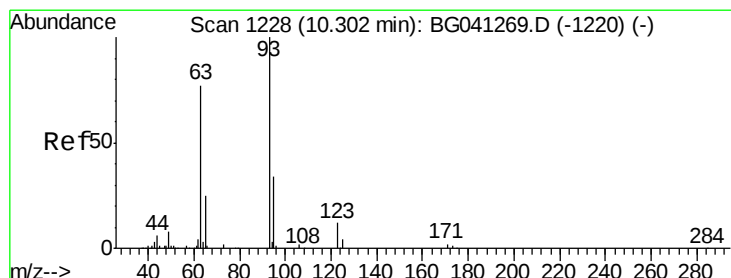
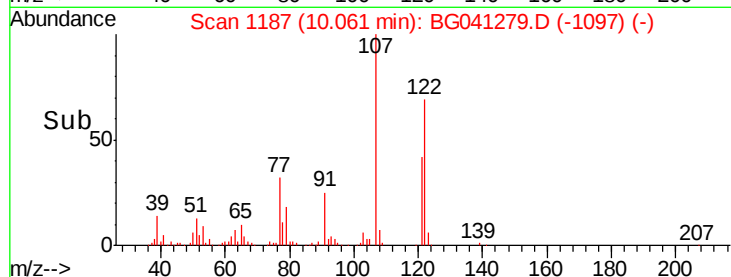
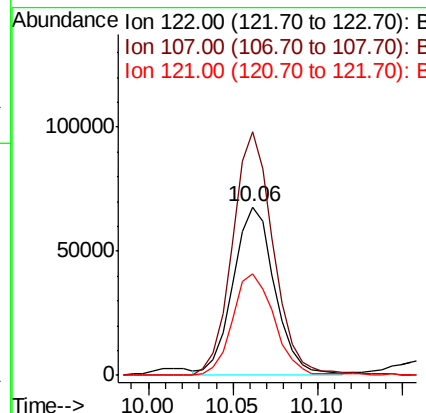
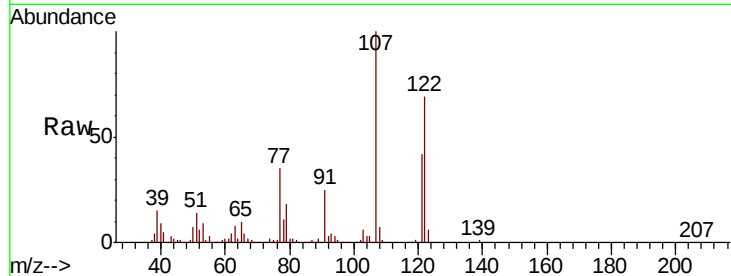




#27  
 2,4-Dimethylphenol  
 Concen: 52.554 ng  
 RT: 10.06 min Scan# 1187  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

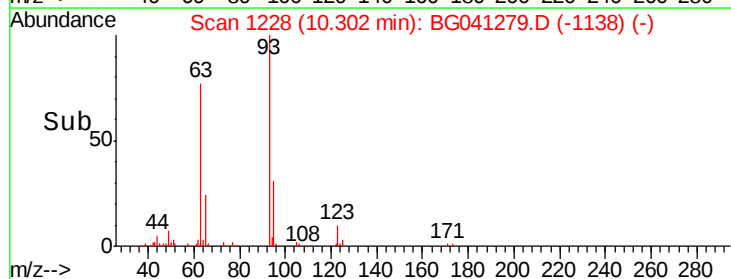
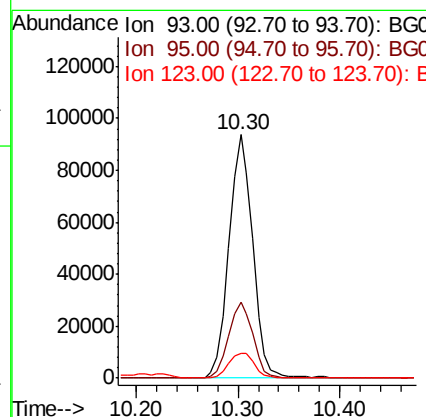
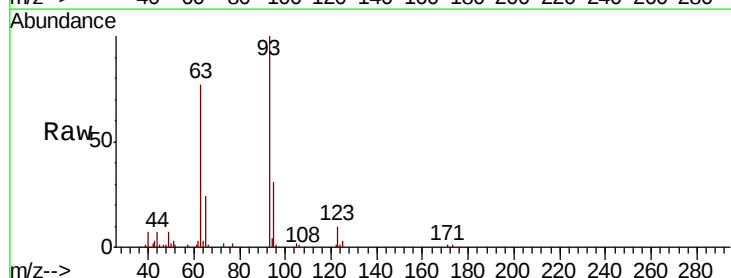
Instrument :  
 BNA\_G  
 ClientSampled :

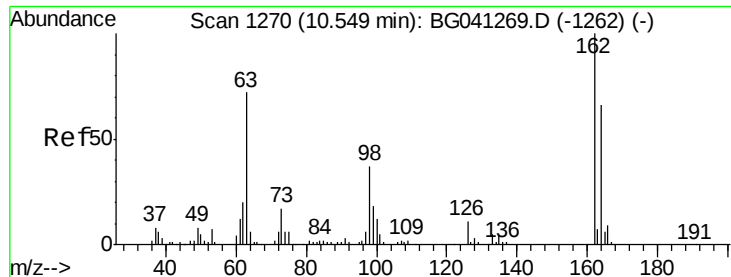
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 144.6 | 115.1 | 172.7 |
| 121     | 60.3  | 50.1  | 75.1  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.198 ng  
 RT: 10.30 min Scan# 1228  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.2  | 27.3  | 40.9  |
| 123     | 9.9   | 9.6   | 14.4  |

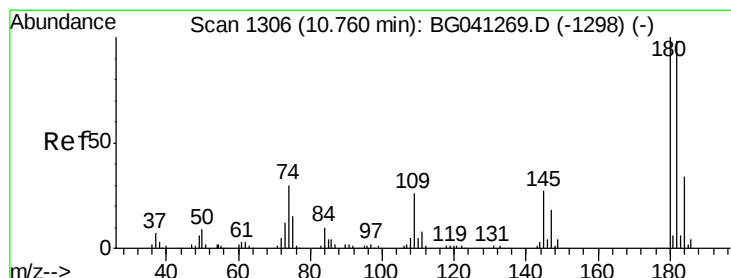
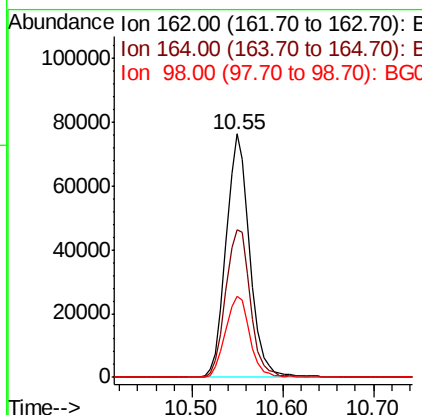
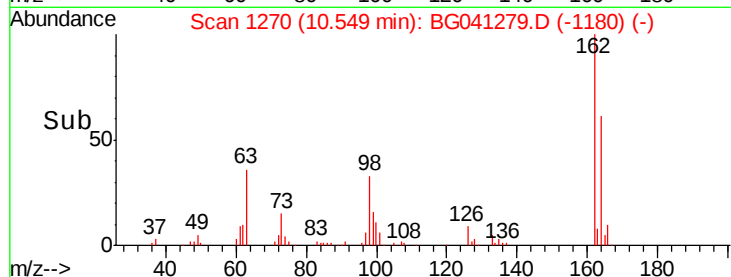
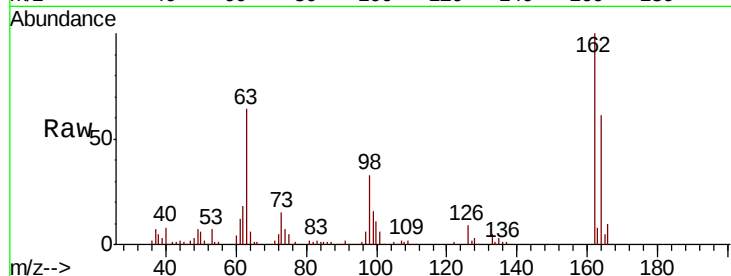




#29  
 2,4-Dichlorophenol  
 Concen: 50.547 ng  
 RT: 10.55 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

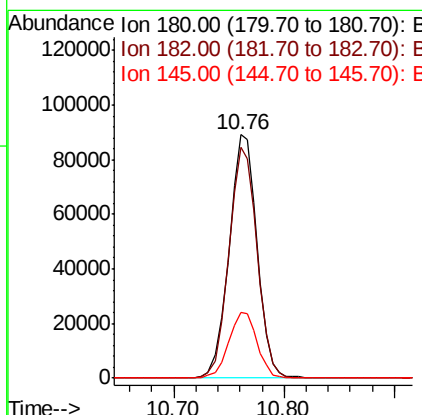
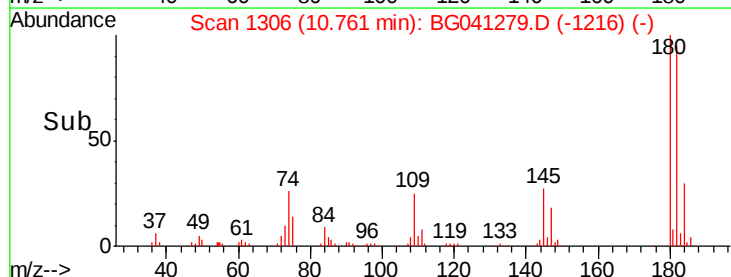
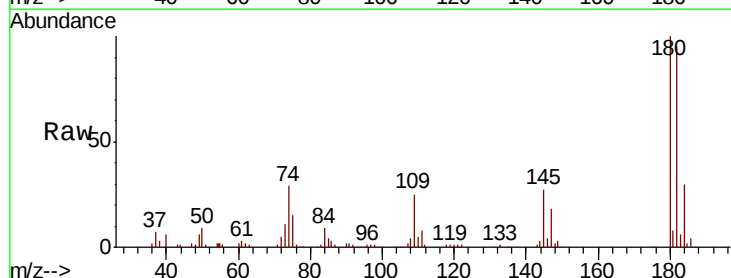
Instrument :  
 BNA\_G  
 ClientSampled :

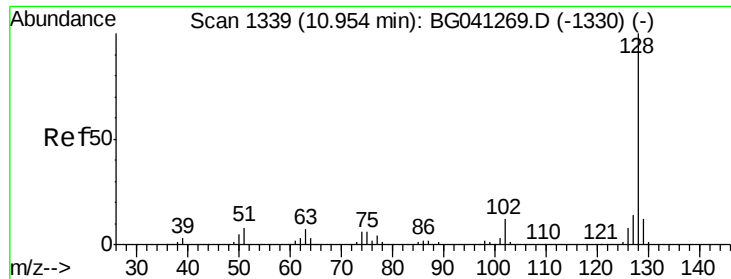
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 60.6  | 46.0  | 86.0  |
| 98      | 33.1  | 17.4  | 57.4  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.218 ng  
 RT: 10.76 min Scan# 1306  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 78.6  | 117.8 |
| 145     | 27.1  | 21.7  | 32.5  |

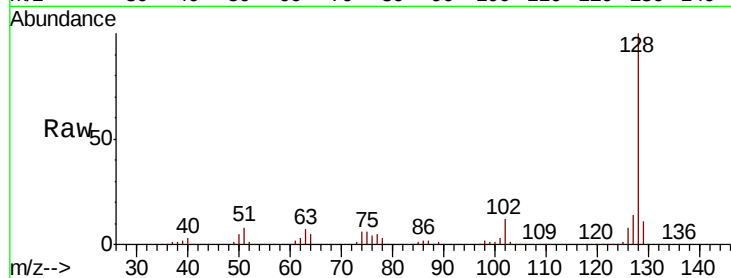




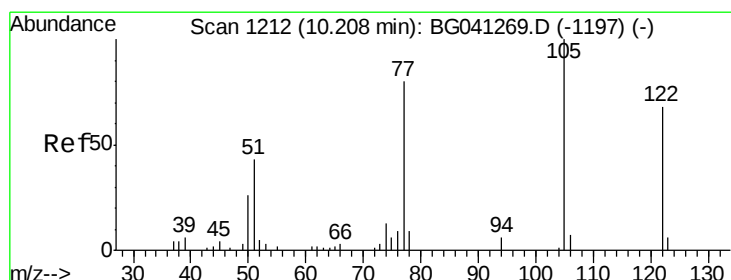
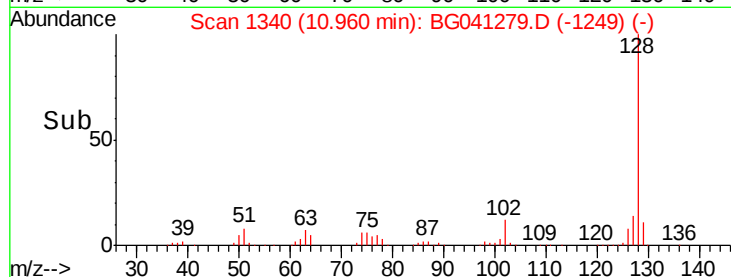
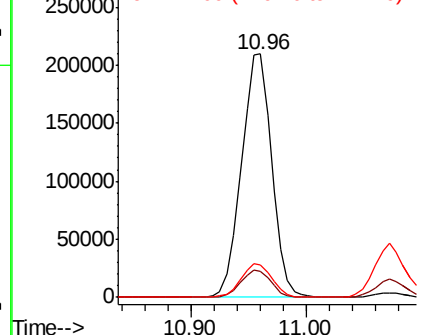
#31  
Naphthalene  
Concen: 46.072 ng  
RT: 10.96 min Scan# 1340  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 379341  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.4 14.0  
127 13.5 11.2 16.8

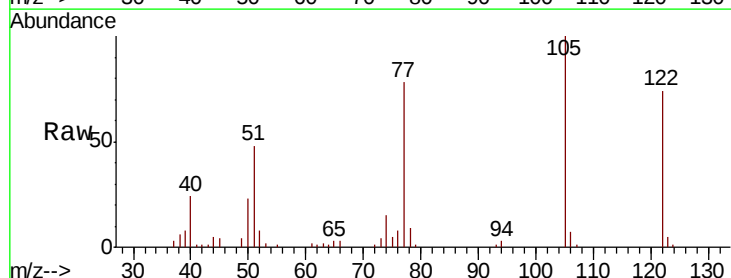


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

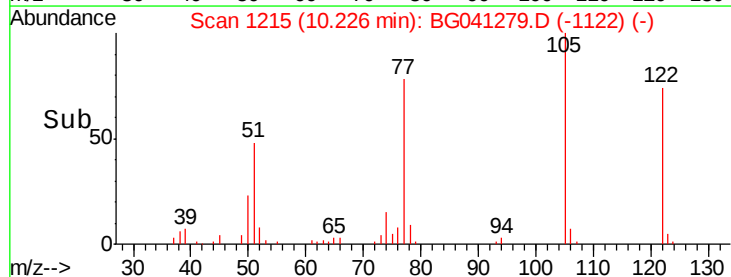
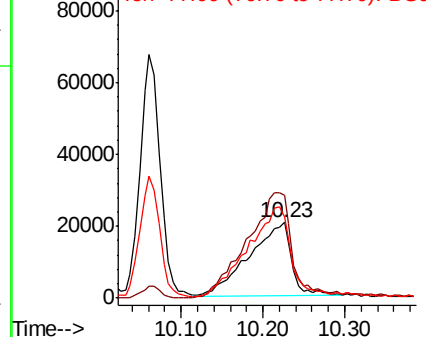


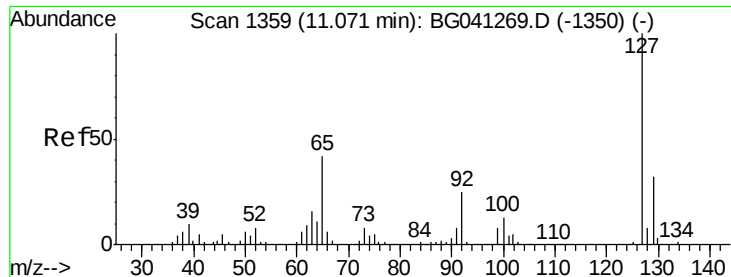
#32  
Benzoic acid  
Concen: 51.468 ng  
RT: 10.23 min Scan# 1215  
Delta R.T. 0.02 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Tgt Ion:122 Resp: 73764  
Ion Ratio Lower Upper  
122 100  
105 135.7 124.2 164.2  
77 106.3 97.2 137.2



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

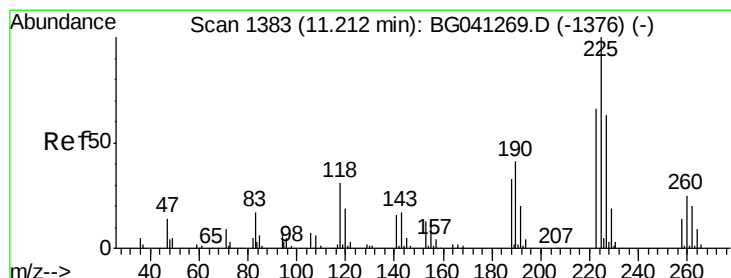
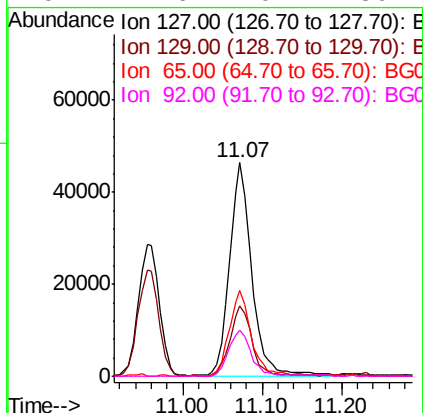
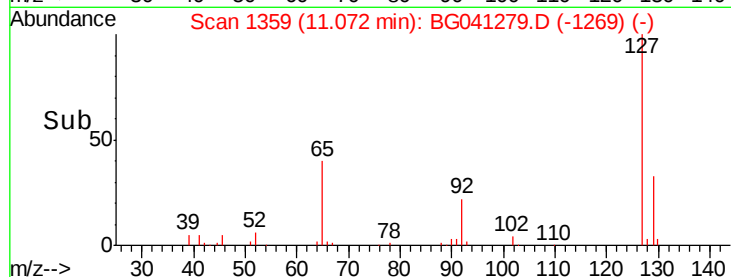
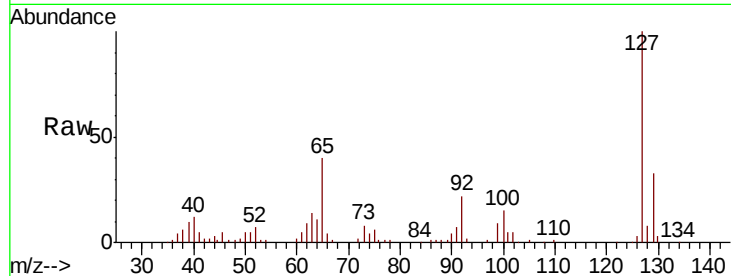




#33  
4-Chloroaniline  
Concen: 25.934 ng  
RT: 11.07 min Scan# 1359  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

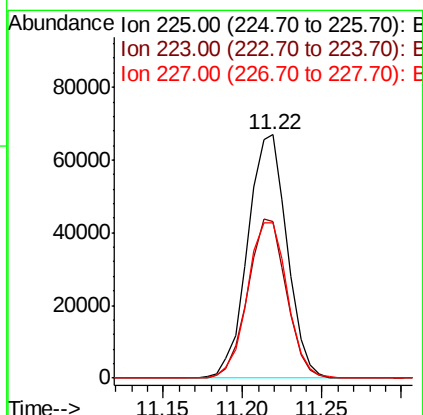
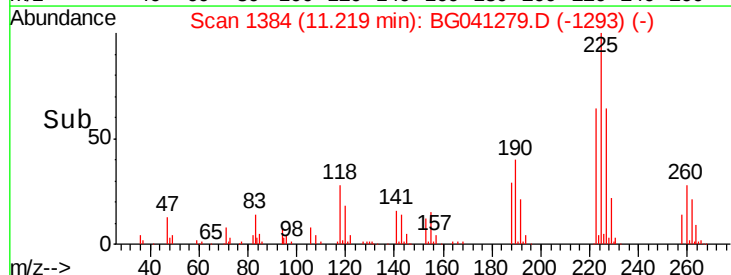
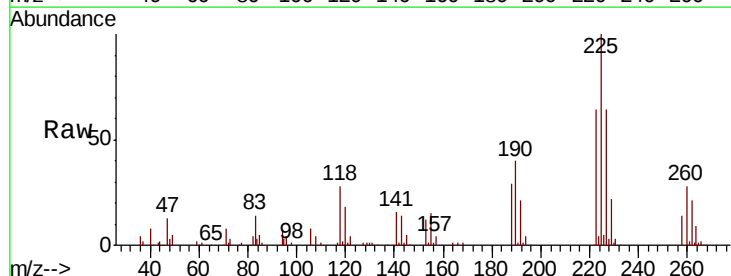
Instrument :  
BNA\_G  
ClientSampleId :

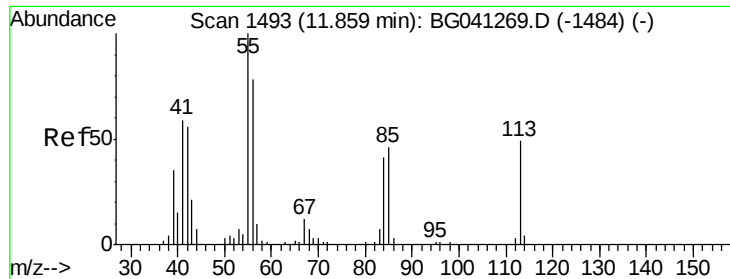
Tot Ion:127 Resp: 90685  
Ion Ratio Lower Upper  
127 100  
129 33.2 25.8 38.8  
65 40.3 33.8 50.8  
92 21.6 20.2 30.4



#34  
Hexachlorobutadiene  
Concen: 41.572 ng  
RT: 11.22 min Scan# 1384  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Tgt Ion:225 Resp: 115369  
Ion Ratio Lower Upper  
225 100  
223 64.1 52.5 78.7  
227 63.8 50.2 75.2





#35

Caprolactam

Concen: 26.785 ng

RT: 11.86 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

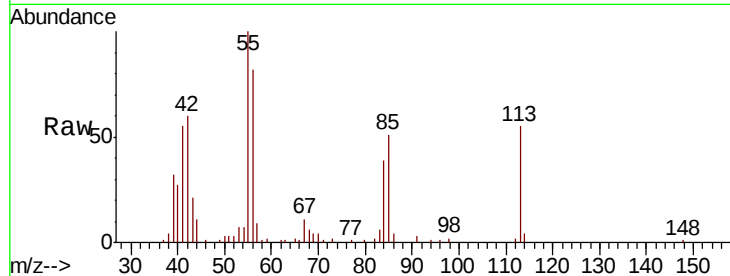
Tot Ion:113 Resp: 25172

Ion Ratio Lower Upper

113 100

55 182.7 182.6 222.6

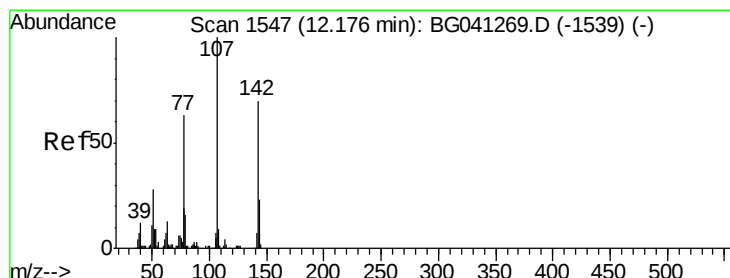
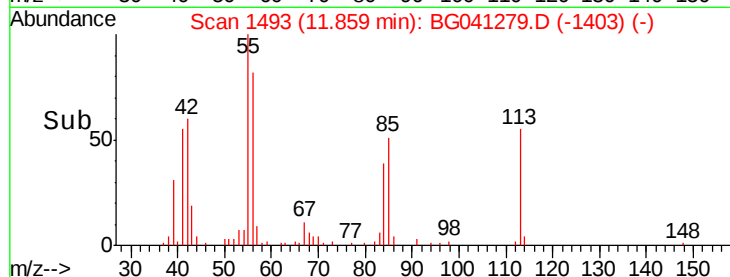
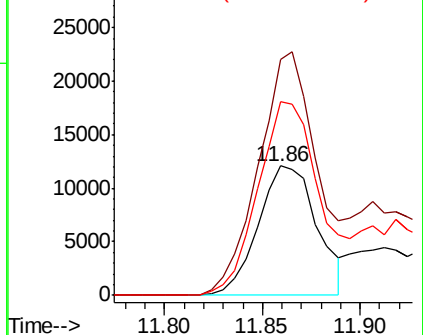
56 149.5 137.5 177.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.305 ng

RT: 12.18 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

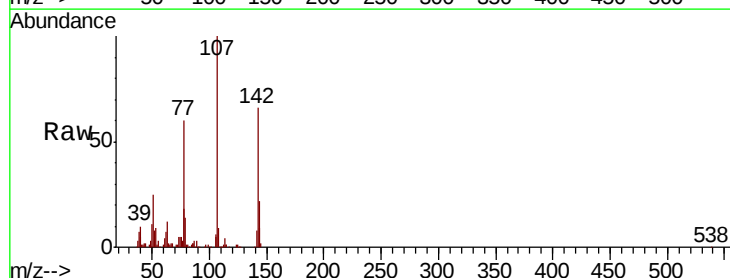
Tgt Ion:107 Resp: 149163

Ion Ratio Lower Upper

107 100

144 21.7 18.5 27.7

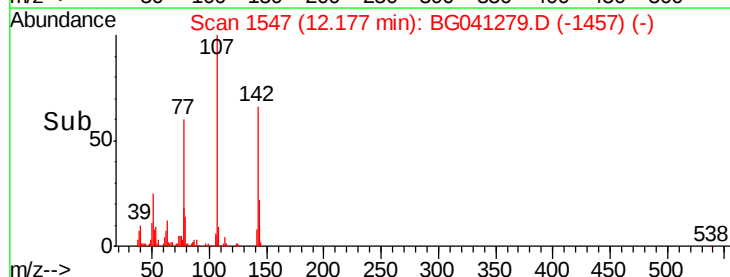
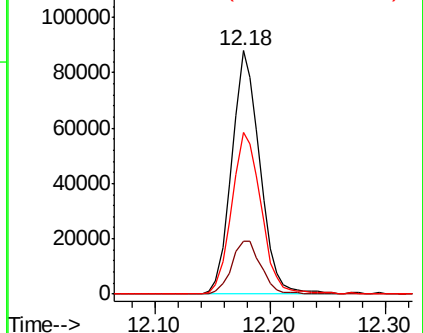
142 66.2 56.3 84.5

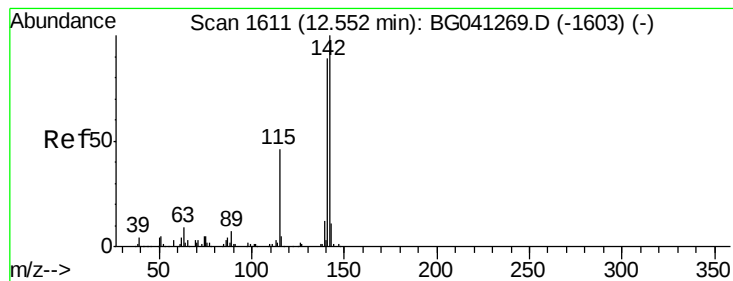


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.324 ng

RT: 12.55 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

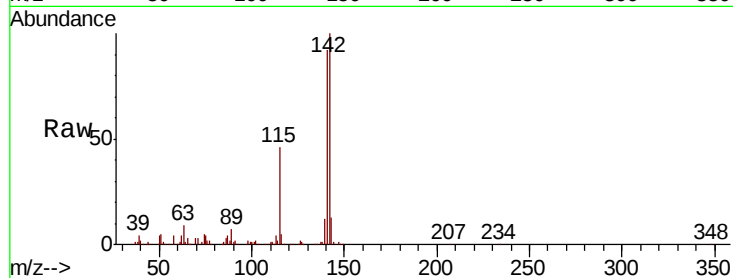
Tot Ion:142 Resp: 286985

Ion Ratio Lower Upper

142 100

141 92.2 71.5 107.3

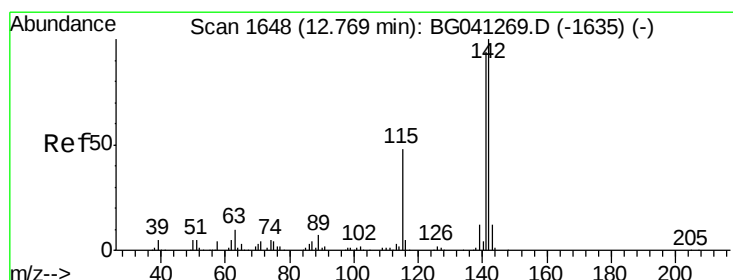
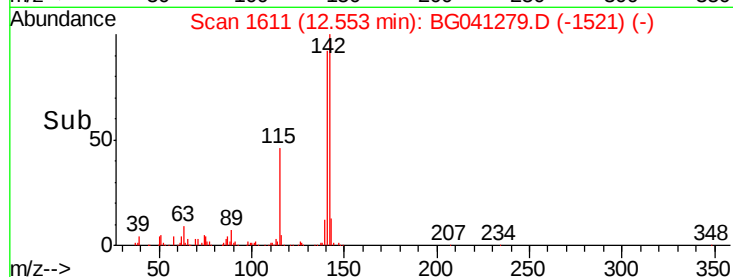
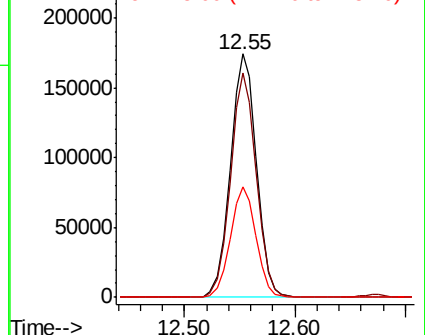
115 45.6 37.0 55.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.498 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

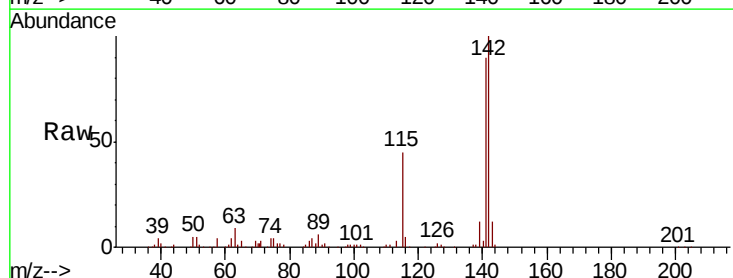
Tgt Ion:142 Resp: 269779

Ion Ratio Lower Upper

142 100

141 90.2 75.0 112.6

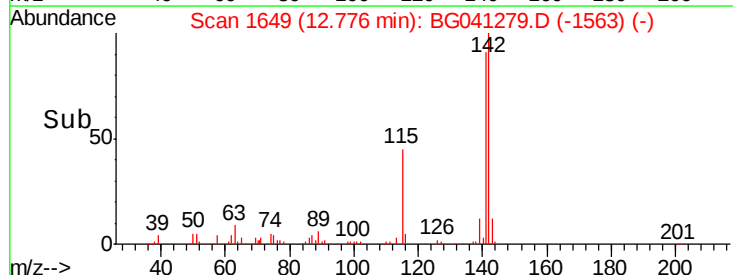
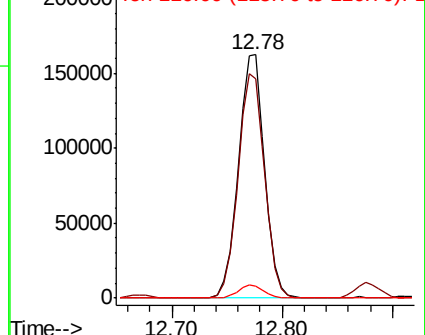
116 5.0 4.2 6.2

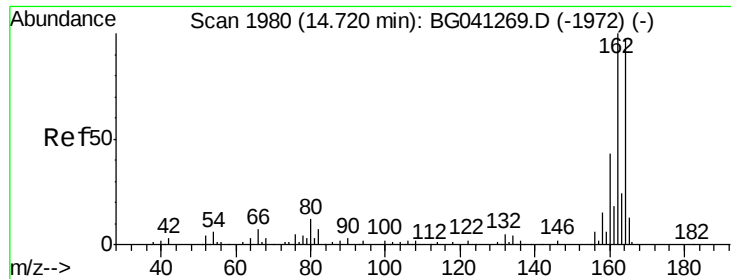


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

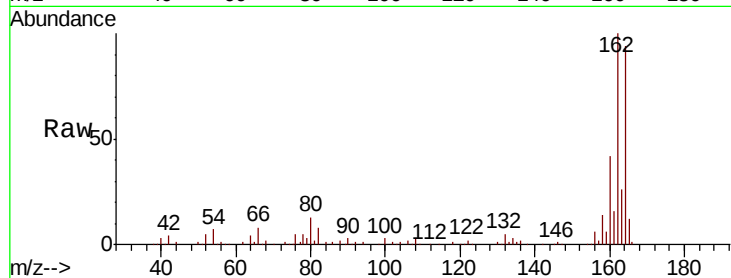
Tot Ion:164 Resp: 106957

Ion Ratio Lower Upper

164 100

162 106.0 82.8 124.2

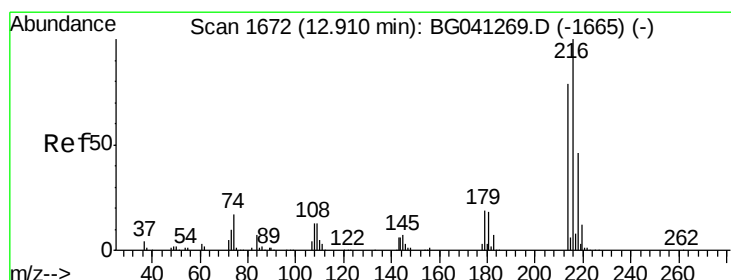
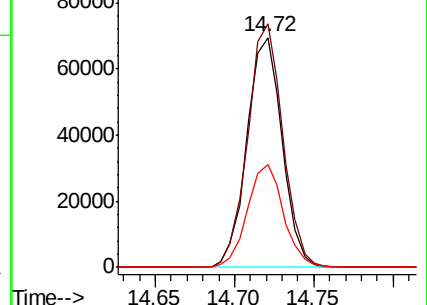
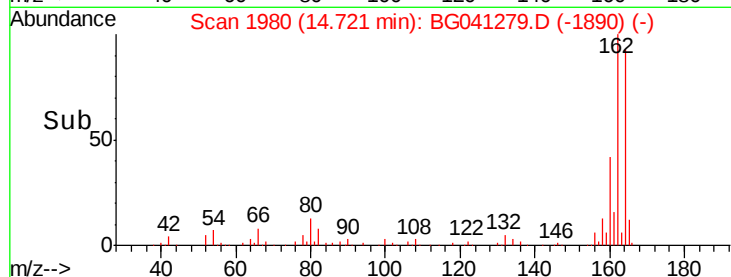
160 44.8 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.292 ng

RT: 12.91 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Tgt Ion:216 Resp: 208868

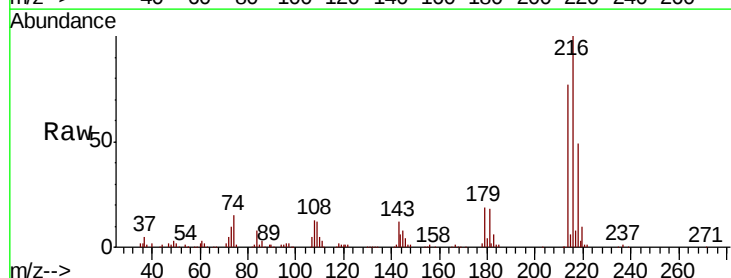
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 19.1 15.2 22.8

108 15.4 12.4 18.6

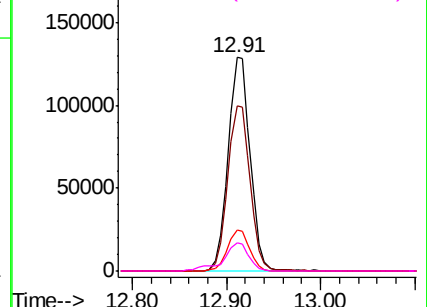
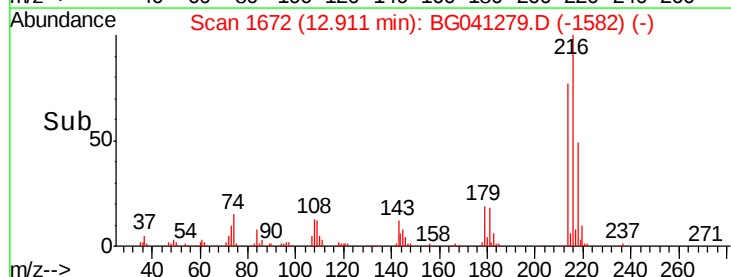


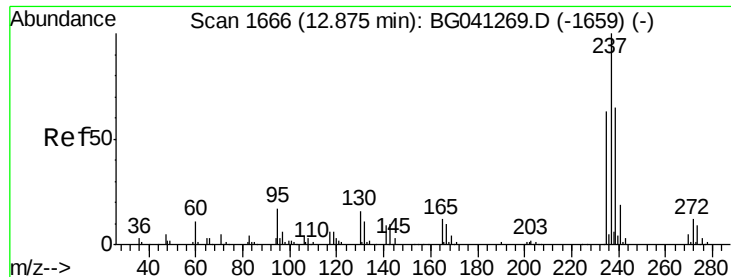
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 54.285 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

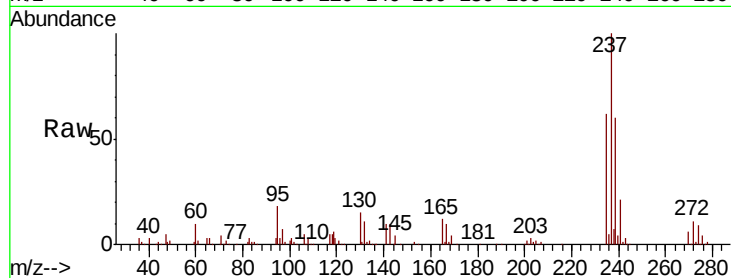
Tot Ion:237 Resp: 161495

Ion Ratio Lower Upper

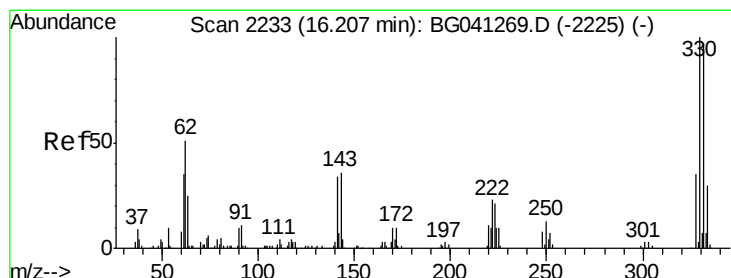
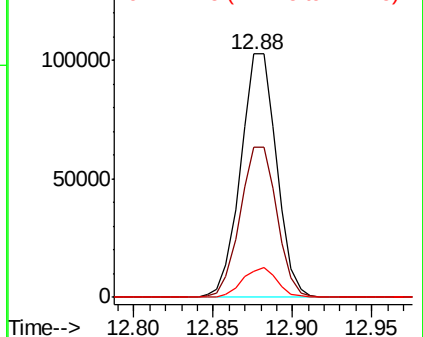
237 100

235 61.8 42.9 82.9

272 10.6 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 134.747 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

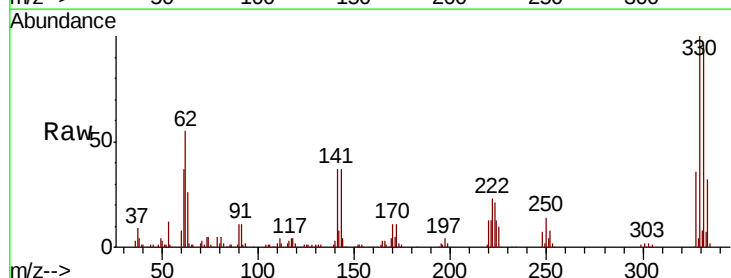
Tgt Ion:330 Resp: 221258

Ion Ratio Lower Upper

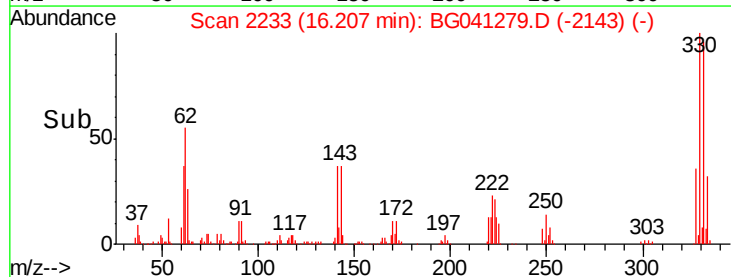
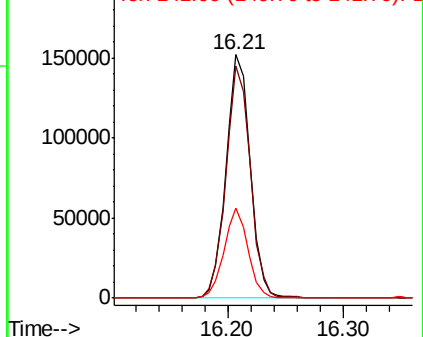
330 100

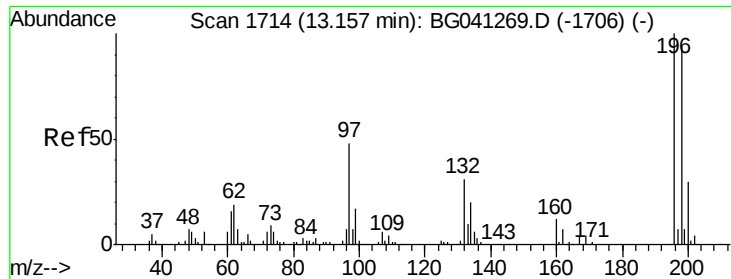
332 95.9 75.5 113.3

141 36.5 29.0 43.4



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

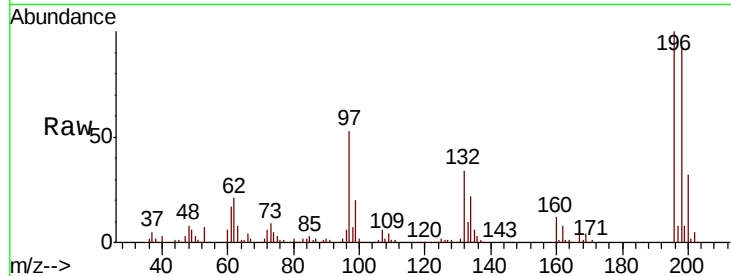




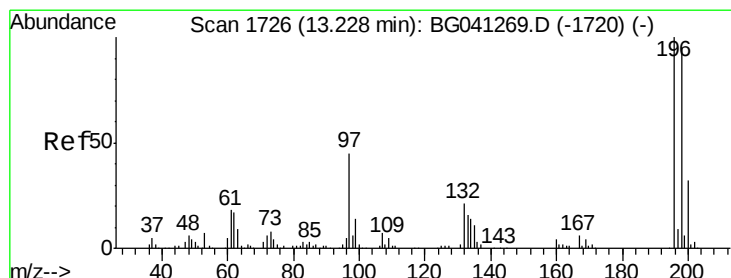
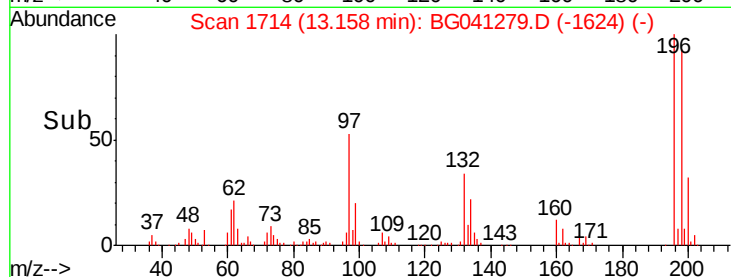
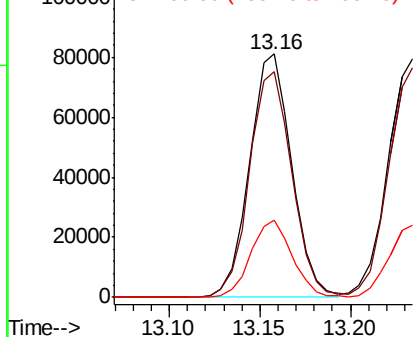
#43  
 2,4,6-Trichlorophenol  
 Concen: 47.811 ng  
 RT: 13.16 min Scan# 1714  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:196 Resp: 130626  
 Ion Ratio Lower Upper  
 196 100  
 198 92.9 74.9 112.3  
 200 31.9 24.2 36.2

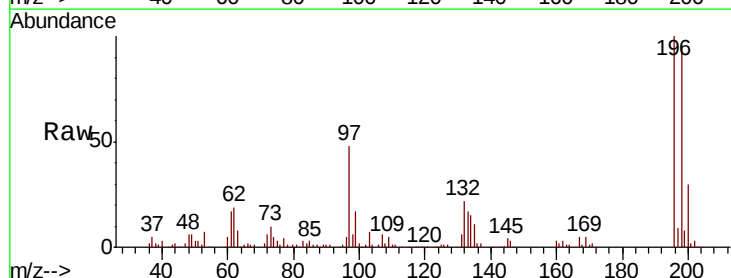


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

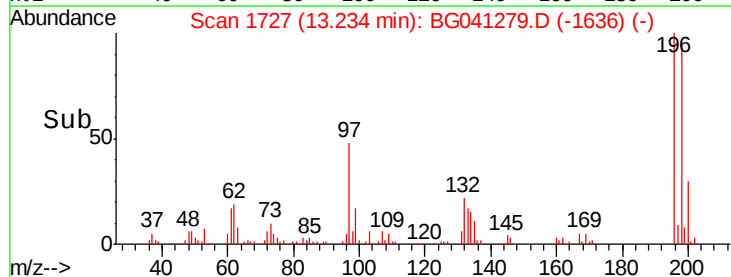
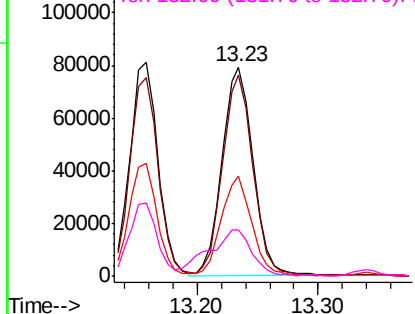


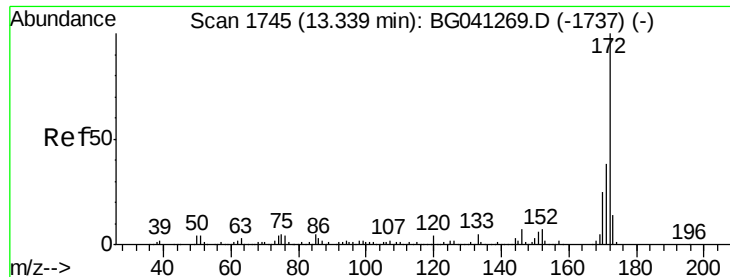
#44  
 2,4,5-Trichlorophenol  
 Concen: 50.133 ng  
 RT: 13.23 min Scan# 1727  
 Delta R.T. 0.01 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

Tgt Ion:196 Resp: 140933  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.1 114.1  
 97 48.0 35.9 53.9  
 132 21.8 17.0 25.6



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

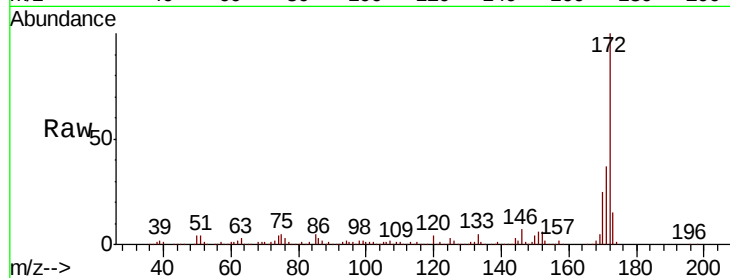




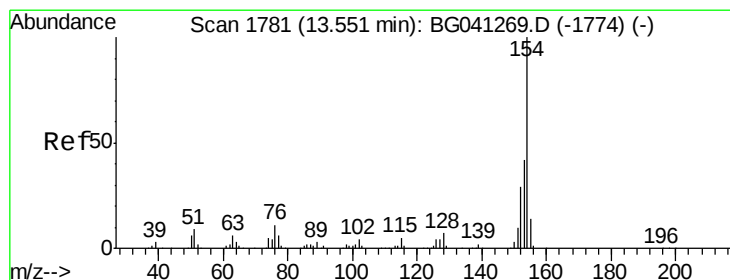
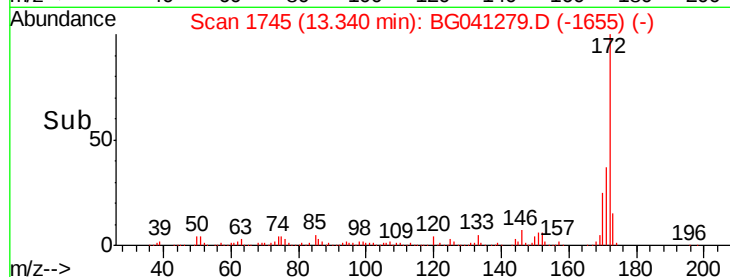
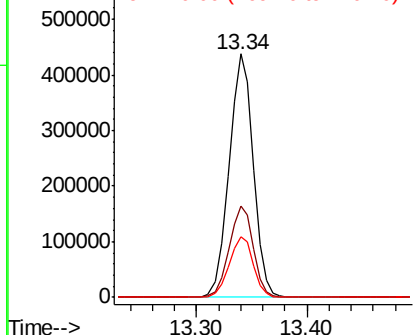
#45  
2-Fluorobiphenyl  
Concen: 84.823 ng  
RT: 13.34 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.5  | 30.0  | 45.0  |
| 170     | 24.7  | 19.8  | 29.6  |

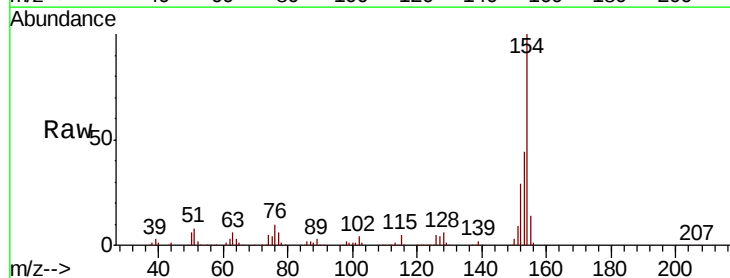


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

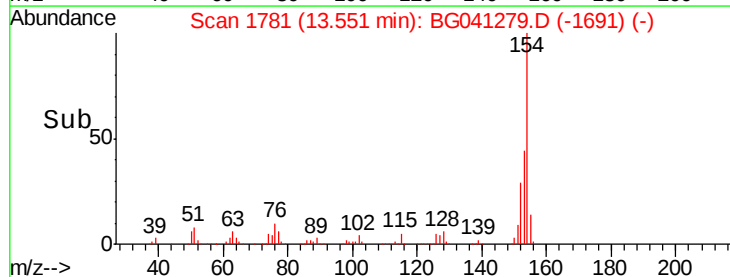
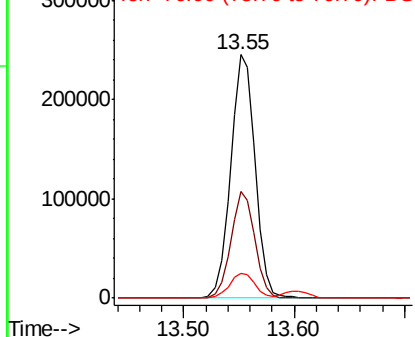


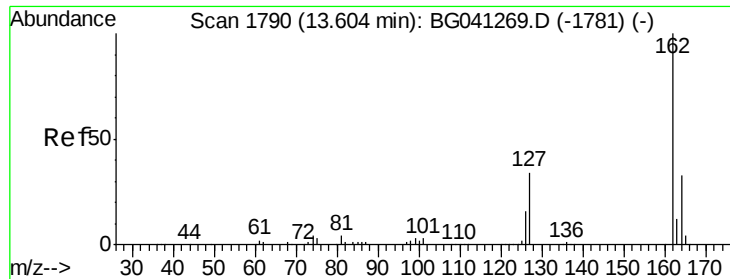
#46  
1,1'-Biphenyl  
Concen: 46.730 ng  
RT: 13.55 min Scan# 1781  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.8  | 22.3  | 62.3  |
| 76      | 10.4  | 0.0   | 30.8  |



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

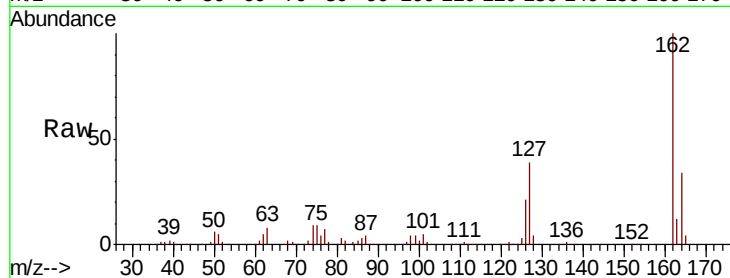




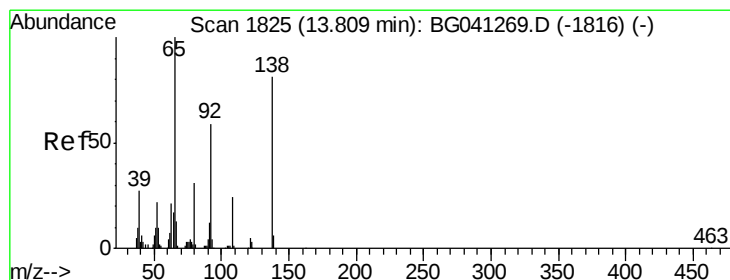
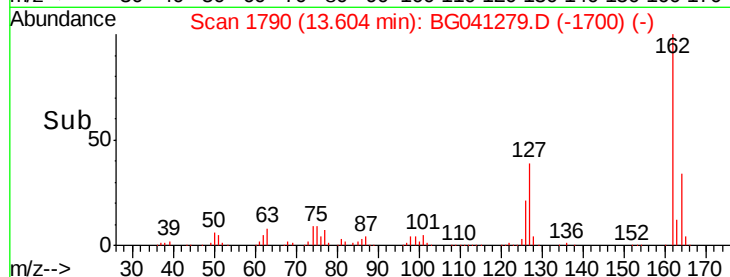
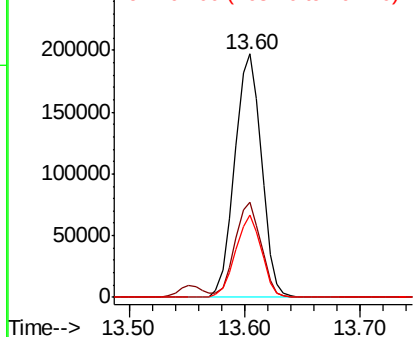
#47  
 2-Chloronaphthalene  
 Concen: 45.426 ng  
 RT: 13.60 min Scan# 1790  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:162 Resp: 316233  
 Ion Ratio Lower Upper  
 162 100  
 127 38.9 31.0 46.4  
 164 33.9 26.1 39.1

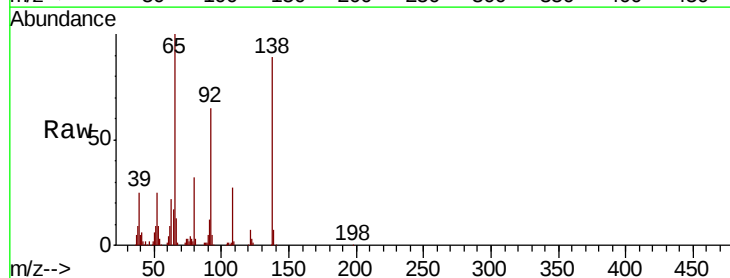


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

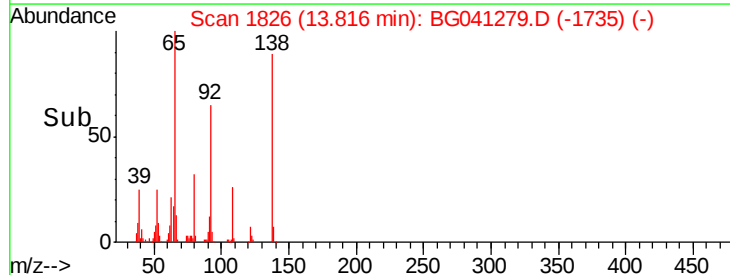
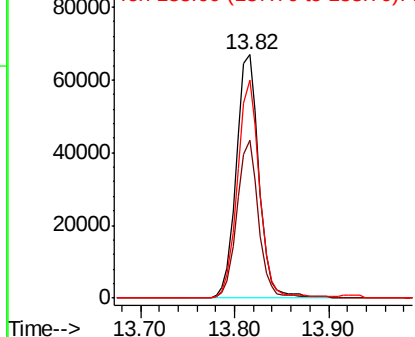


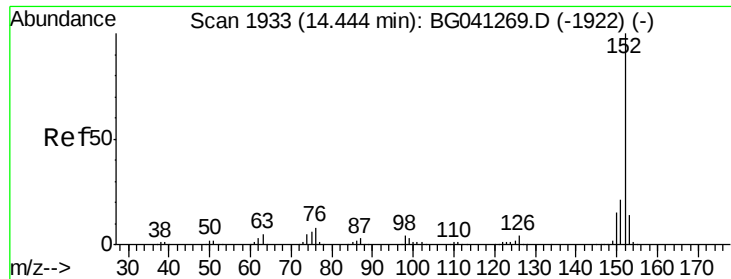
#48  
 2-Nitroaniline  
 Concen: 44.015 ng  
 RT: 13.82 min Scan# 1826  
 Delta R.T. 0.01 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

Tgt Ion: 65 Resp: 112218  
 Ion Ratio Lower Upper  
 65 100  
 92 64.7 47.4 71.2  
 138 89.4 64.7 97.1



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





#49

Acenaphthylene

Concen: 46.052 ng

RT: 14.44 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

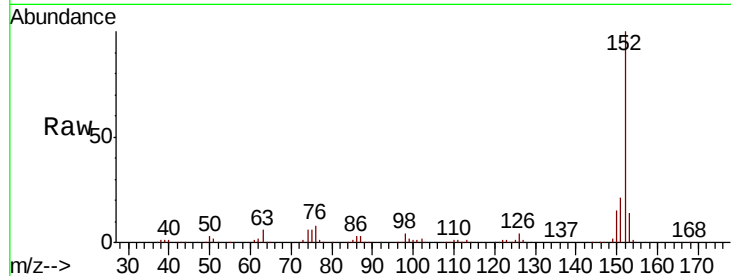
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:152 Resp: 486483

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.3  | 16.8  | 25.2  |
| 153 | 14.2  | 10.8  | 16.2  |



Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.44

400000

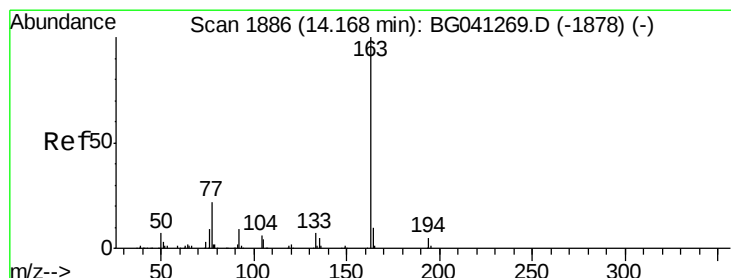
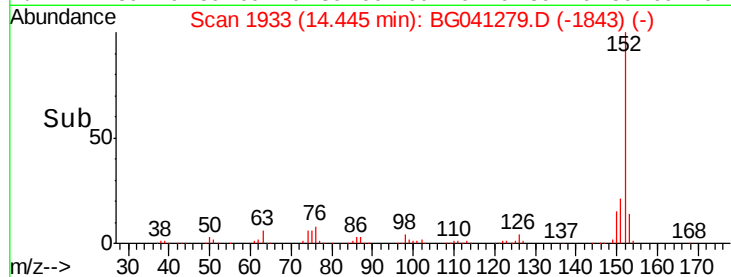
300000

200000

100000

0

Time--> 14.30 14.40 14.50



#50

Dimethylphthalate

Concen: 42.082 ng

RT: 14.17 min Scan# 1886

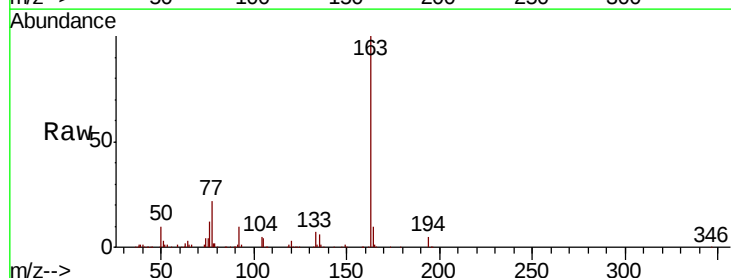
Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Tgt Ion:163 Resp: 400477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.7   | 3.9   | 5.9   |
| 164 | 10.3  | 8.3   | 12.5  |



Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.17

400000

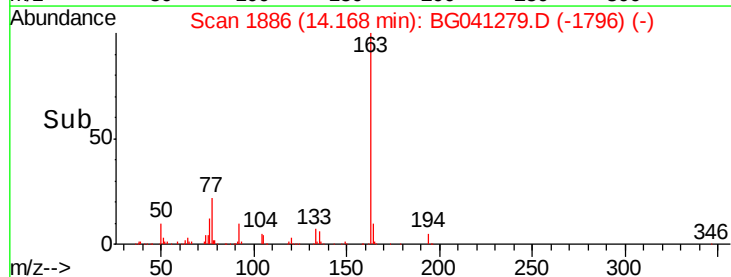
300000

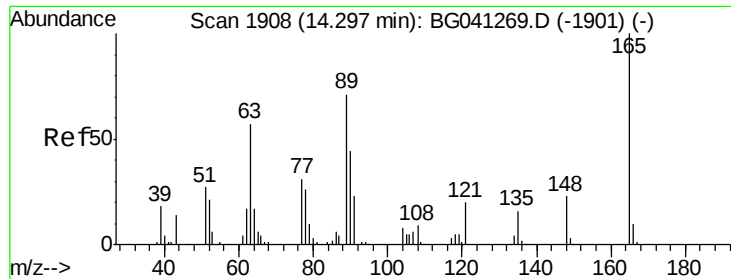
200000

100000

0

Time--> 14.10 14.20

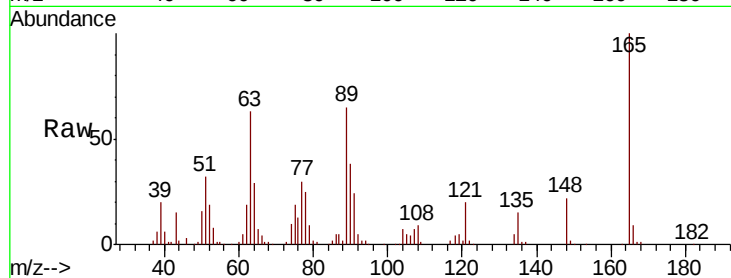




#51  
 2,6-Dinitrotoluene  
 Concen: 45.596 ng  
 RT: 14.30 min Scan# 1909  
 Delta R.T. 0.01 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 62.9  | 55.4  | 83.0  |
| 89      | 65.0  | 56.5  | 84.7  |

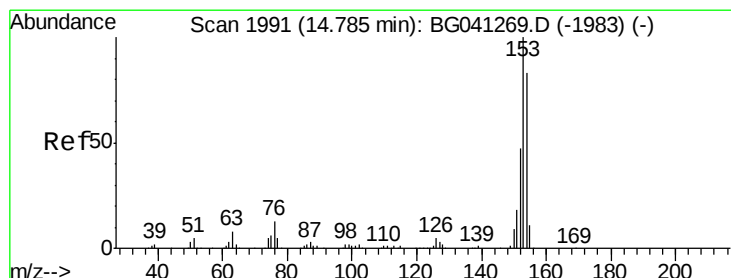
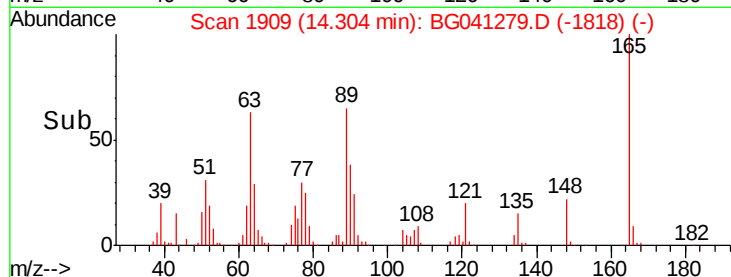
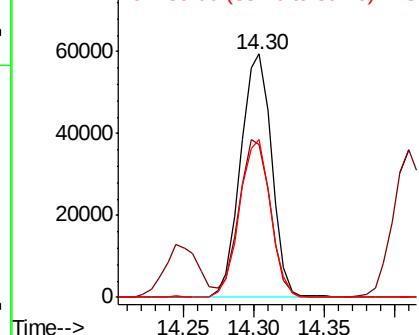


Abundance

Ion 165.00 (164.70 to 165.70): E

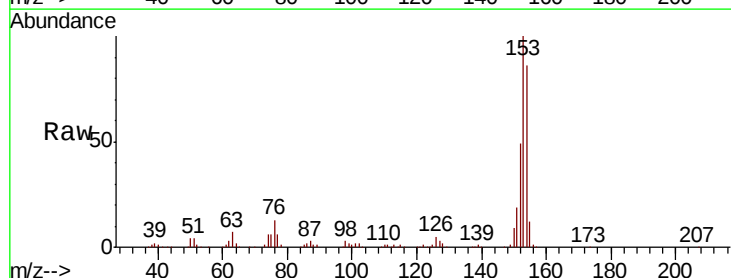
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52  
 Acenaphthene  
 Concen: 45.402 ng  
 RT: 14.79 min Scan# 1991  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 116.5 | 96.6  | 145.0 |
| 152     | 57.1  | 45.5  | 68.3  |

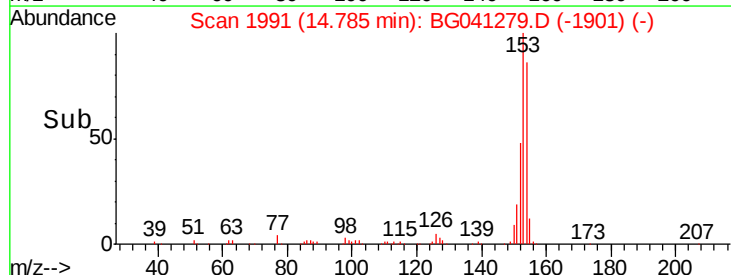
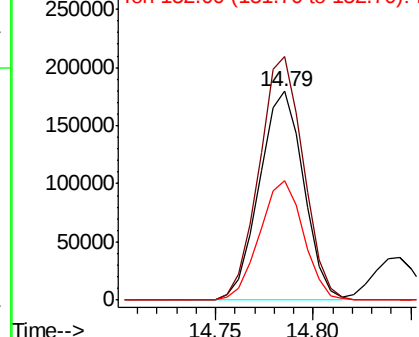


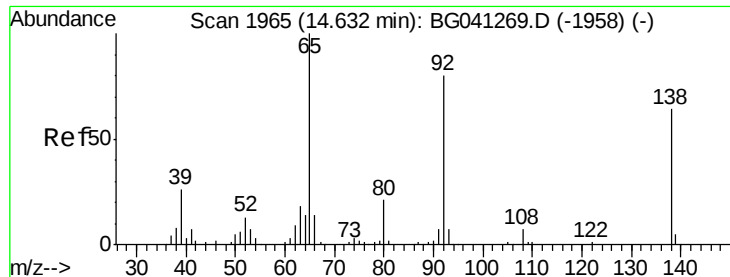
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 34.645 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

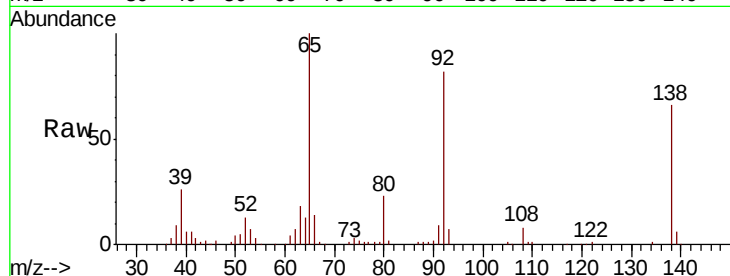
Tot Ion:138 Resp: 68492

Ion Ratio Lower Upper

138 100

108 11.5 8.3 12.5

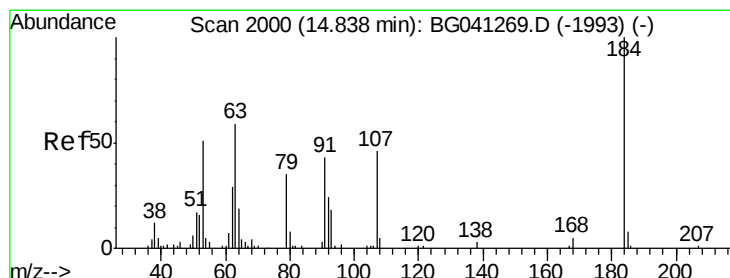
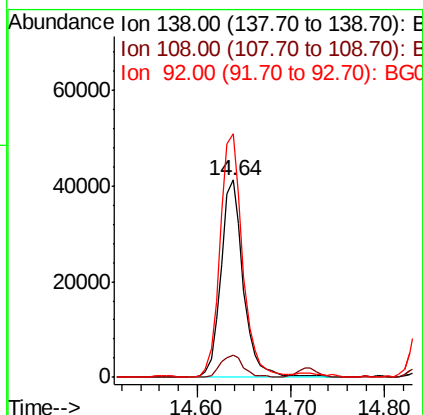
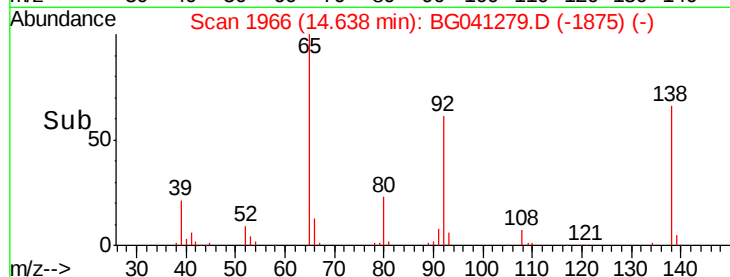
92 123.3 100.2 150.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 64.566 ng

RT: 14.84 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

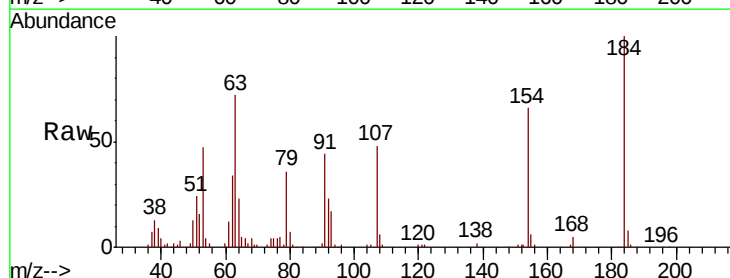
Tgt Ion:184 Resp: 91722

Ion Ratio Lower Upper

184 100

63 72.5 60.0 90.0

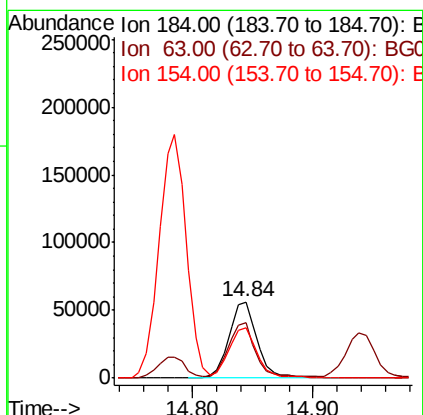
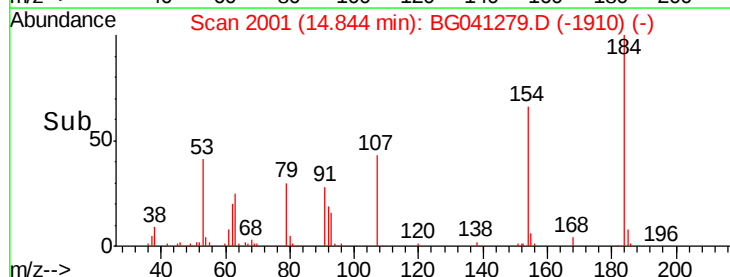
154 66.0 58.3 87.5

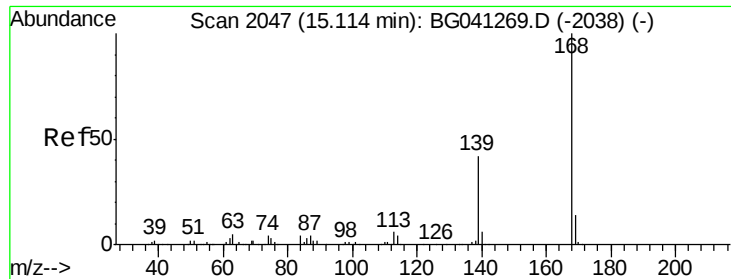


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

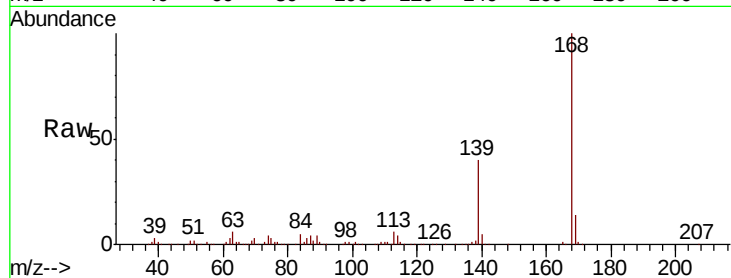




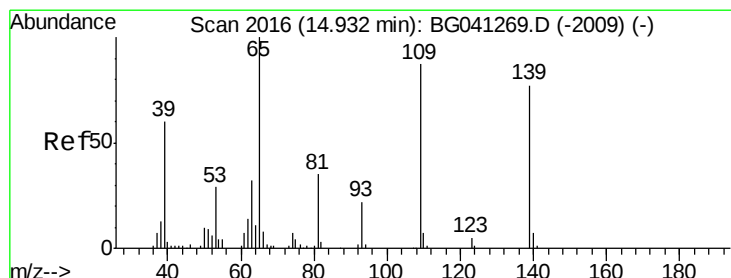
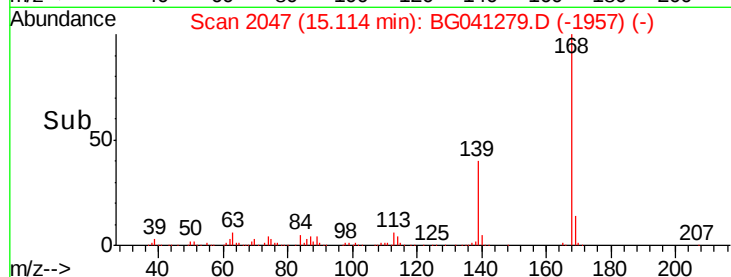
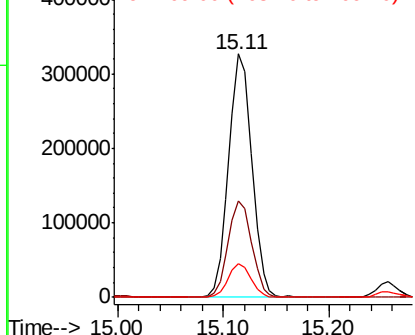
#55  
Dibenzenofuran  
Concen: 46.034 ng  
RT: 15.11 min Scan# 2047  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:168 Resp: 496487  
Ion Ratio Lower Upper  
168 100  
139 39.5 33.6 50.4  
169 14.0 10.8 16.2

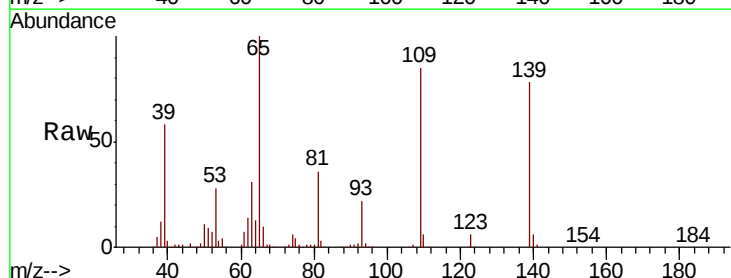


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

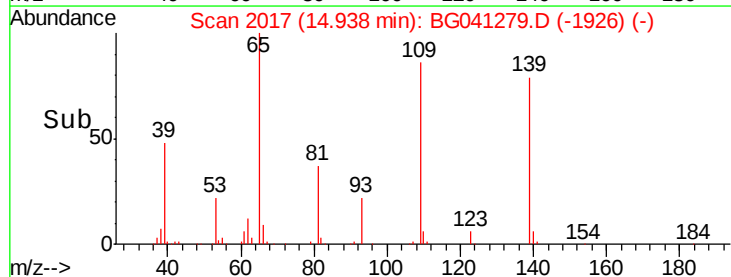
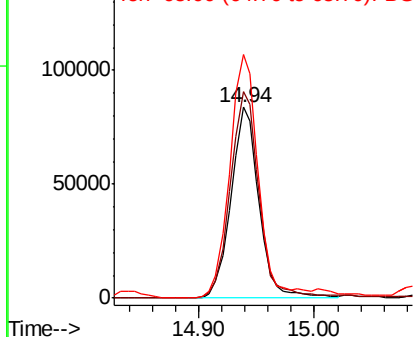


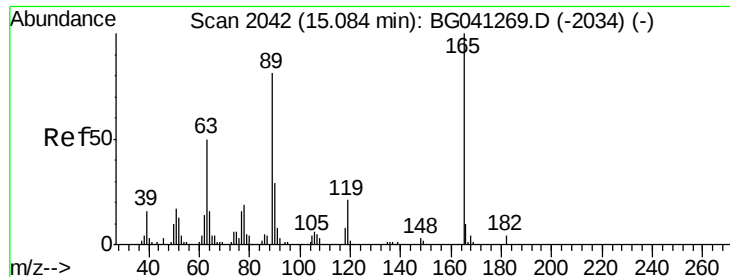
#56  
4-Nitrophenol  
Concen: 93.201 ng  
RT: 14.94 min Scan# 2017  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Tgt Ion:139 Resp: 140808  
Ion Ratio Lower Upper  
139 100  
109 108.4 93.2 133.2  
65 127.8 110.2 150.2



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

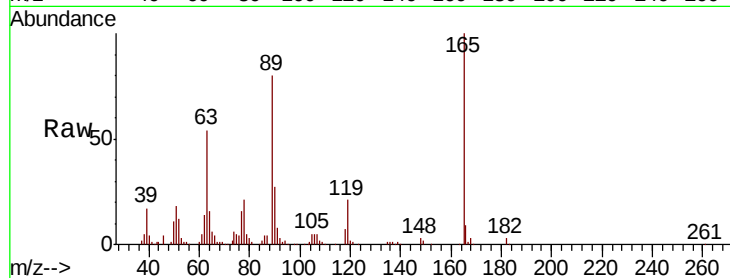




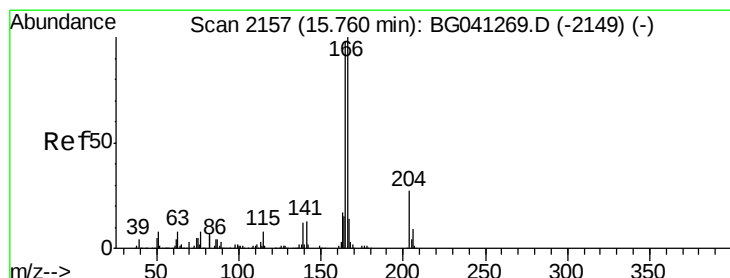
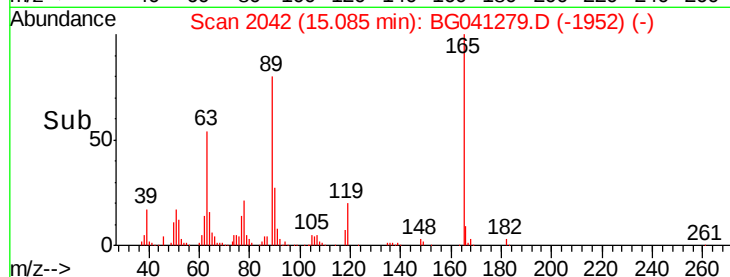
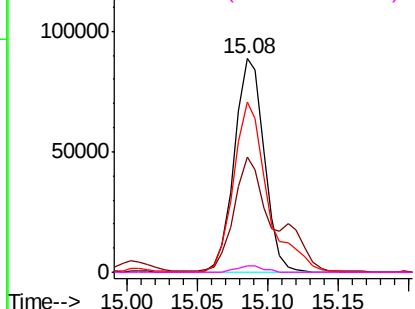
#57  
2,4-Dinitrotoluene  
Concen: 44.490 ng  
RT: 15.08 min Scan# 2042  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 130502 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 53.8  | 40.0  | 60.0   |
| 89       | 80.0  | 64.6  | 96.8   |
| 182      | 3.0   | 2.9   | 4.3    |

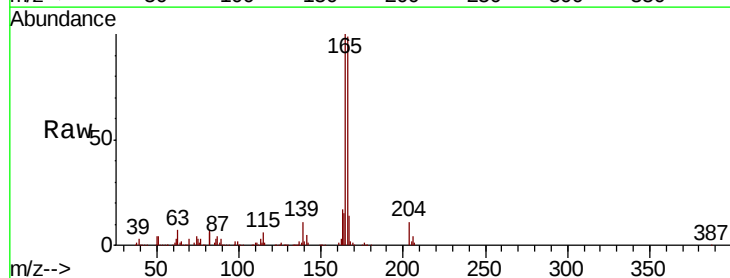


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

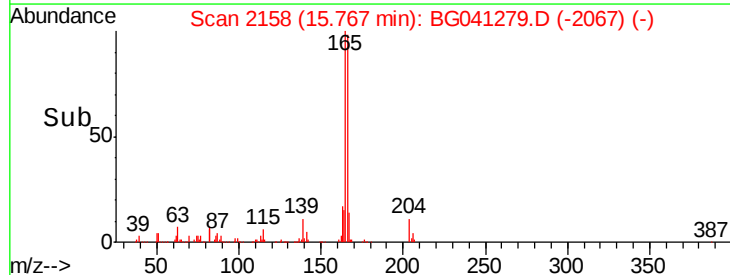
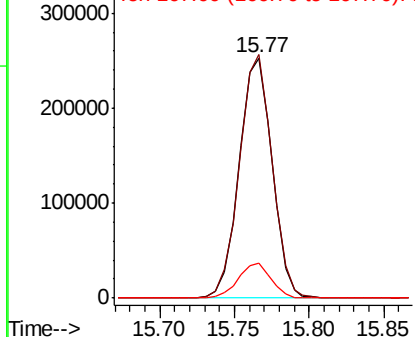


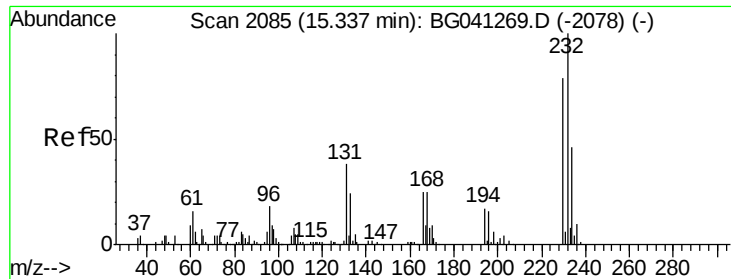
#58  
Fluorene  
Concen: 45.435 ng  
RT: 15.77 min Scan# 2158  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 385479 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 101.5 | 78.8  | 118.2  |
| 167      | 14.6  | 11.3  | 16.9   |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

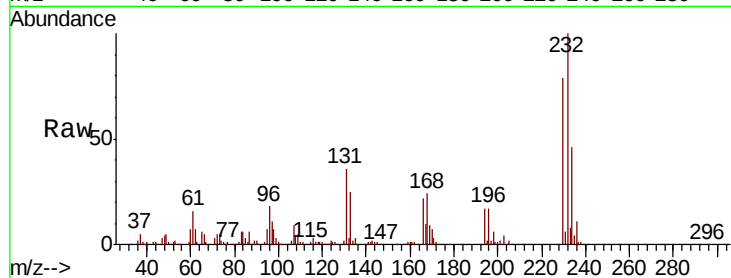




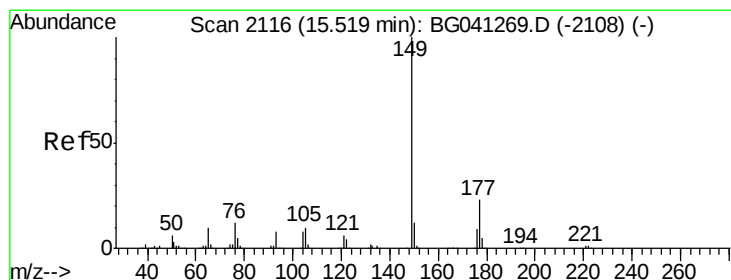
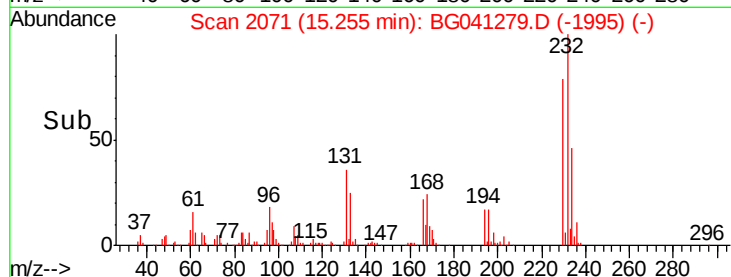
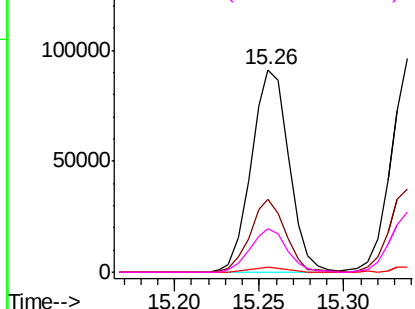
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.644 ng  
 RT: 15.26 min Scan# 2071  
 Delta R.T. -0.08 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

Instrument :  
 BNA\_G  
 ClientSampled :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:232 | Resp: | 141413 |
| Ion Ratio   | Lower | Upper  |
| 232 100     |       |        |
| 131 34.0    | 29.0  | 43.6   |
| 130 2.3     | 1.6   | 2.4    |
| 166 21.0    | 21.0  | 31.4   |

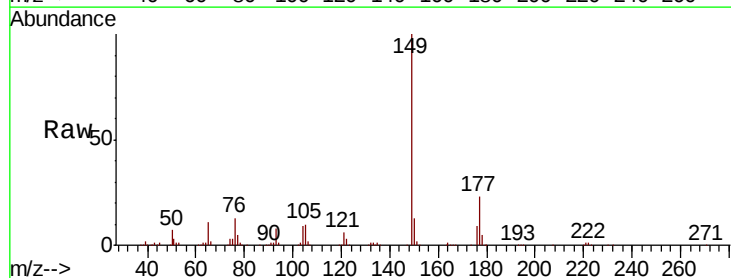


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

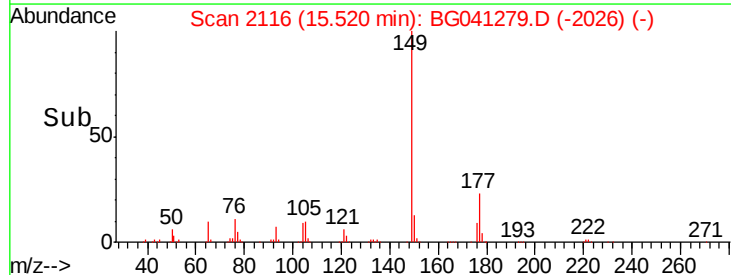
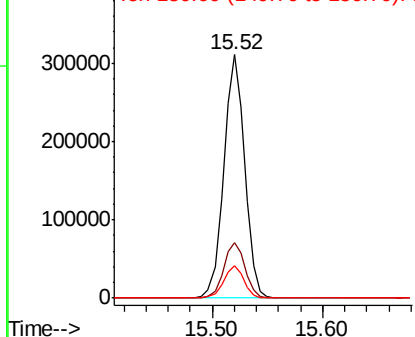


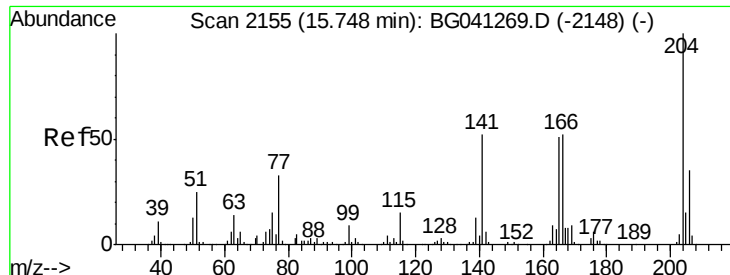
#60  
 Diethylphthalate  
 Concen: 42.287 ng  
 RT: 15.52 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 409038 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 177 22.6    | 18.4 27.6    |
| 150 13.1    | 9.9 14.9     |



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

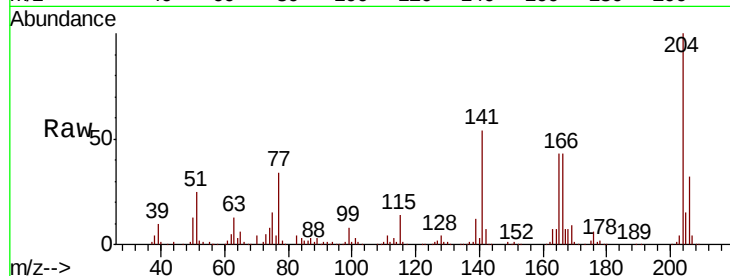




#61  
4-Chlorophenyl-phenylether  
Concen: 44.760 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.1  | 27.9  | 41.9  |
| 141     | 53.5  | 41.4  | 62.0  |

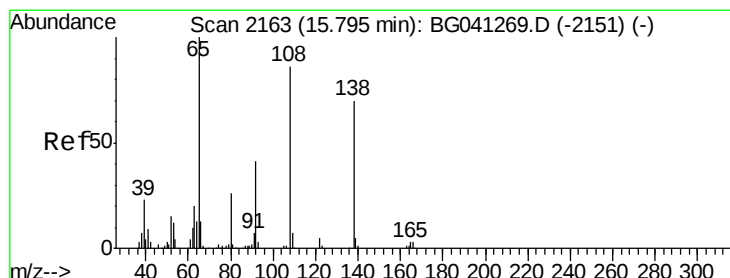
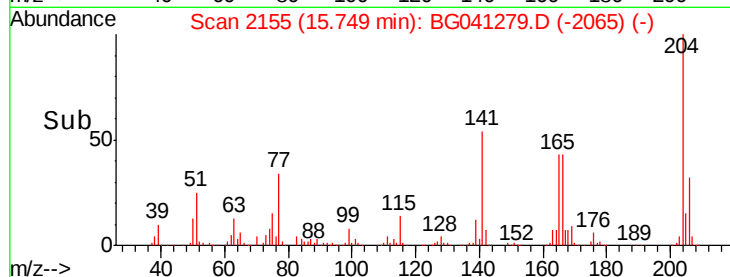
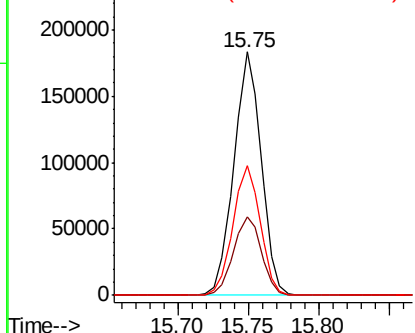


Abundance

Ion 204.00 (203.70 to 204.70): E

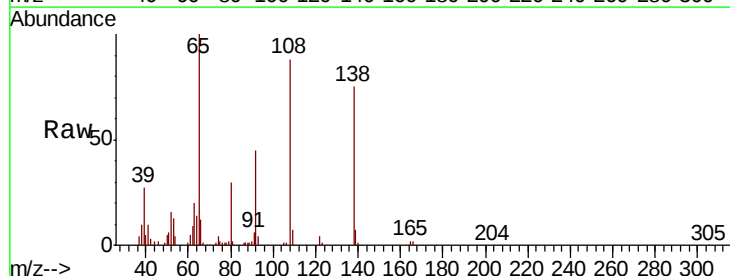
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 37.637 ng  
RT: 15.80 min Scan# 2164  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 59.8  | 38.8  | 78.8  |
| 108     | 117.4 | 103.4 | 143.4 |

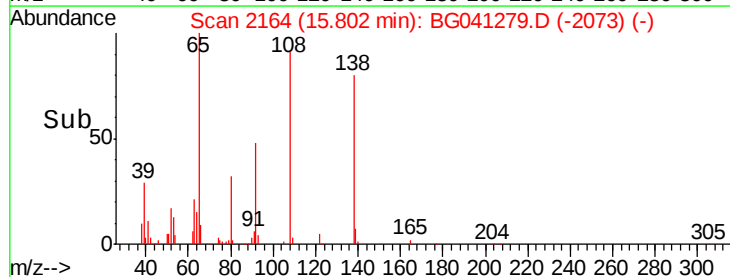
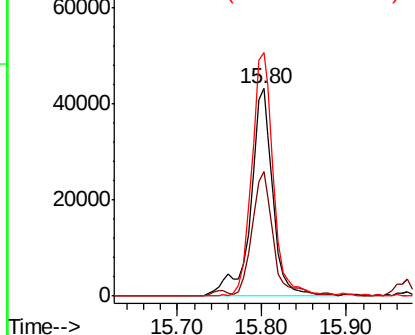


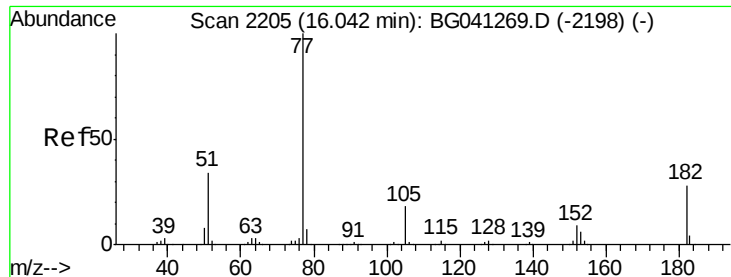
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.786 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 386476

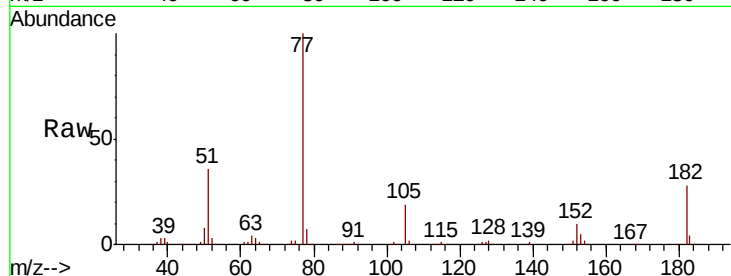
Ion Ratio Lower Upper

77 100

182 28.2 7.5 47.5

105 19.0 0.0 37.7

51 36.1 14.6 54.6

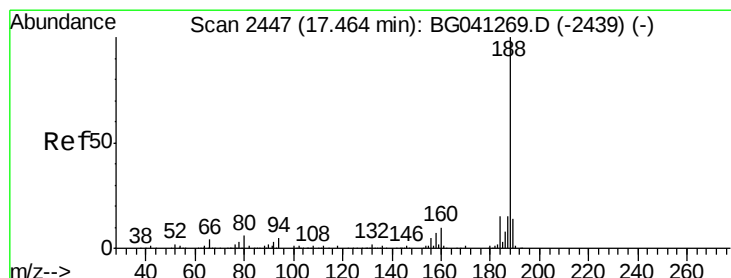
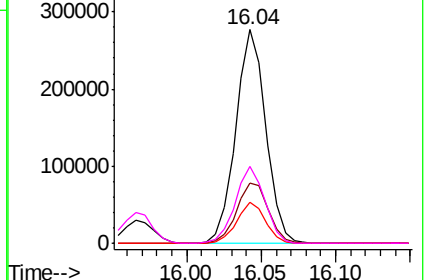
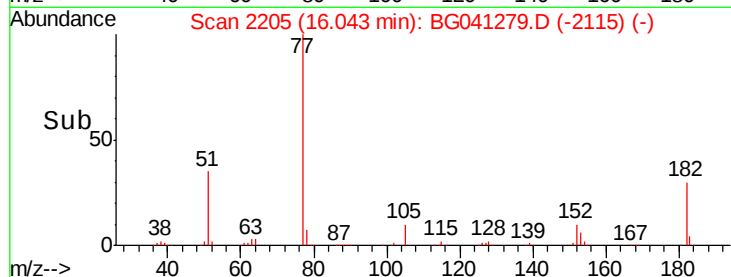


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

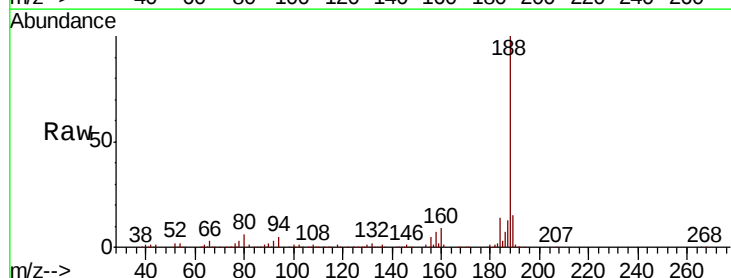
Tgt Ion: 188 Resp: 281054

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

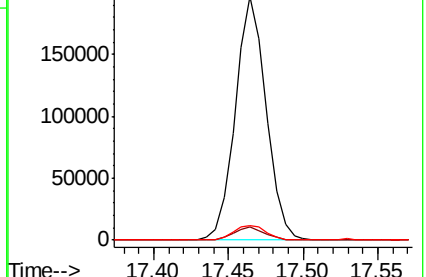
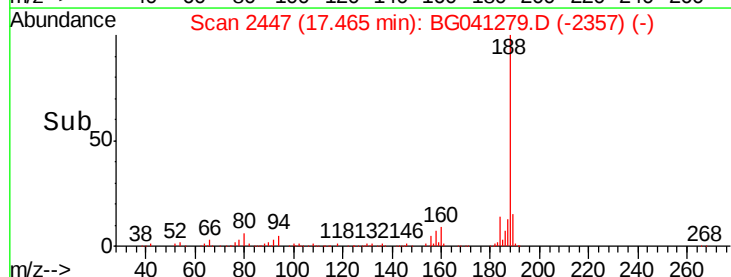
80 5.8 4.8 7.2

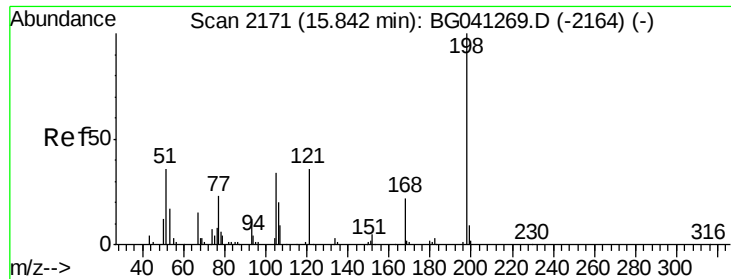


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 34.186 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

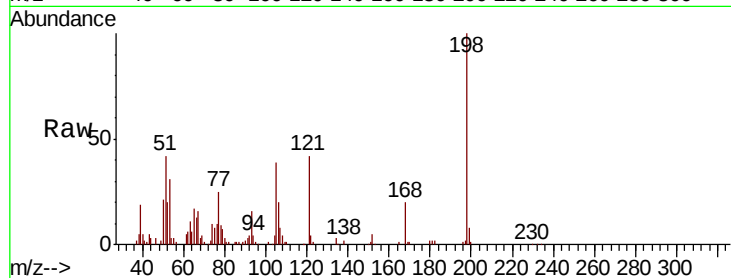
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:198 Resp: 62365

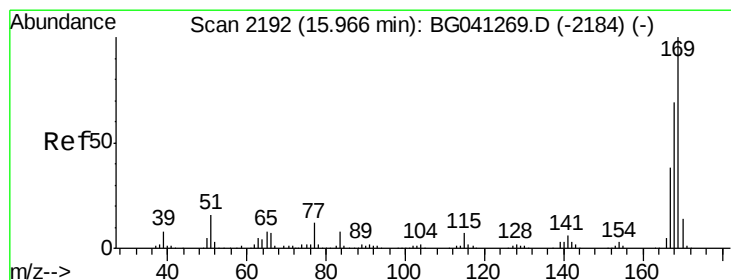
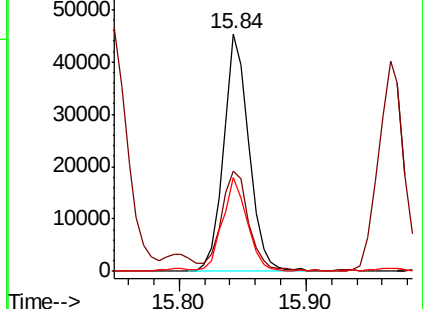
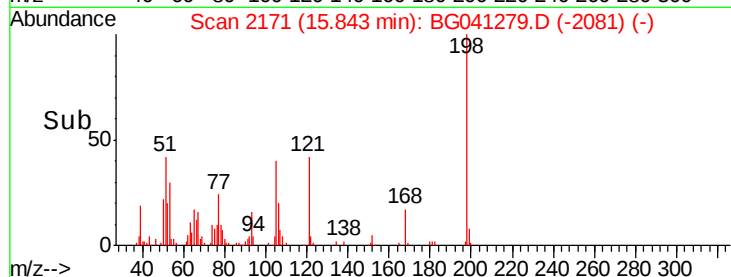
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 42.1  | 23.4  | 63.4  |
| 105 | 39.5  | 15.8  | 55.8  |



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.978 ng

RT: 15.97 min Scan# 2192

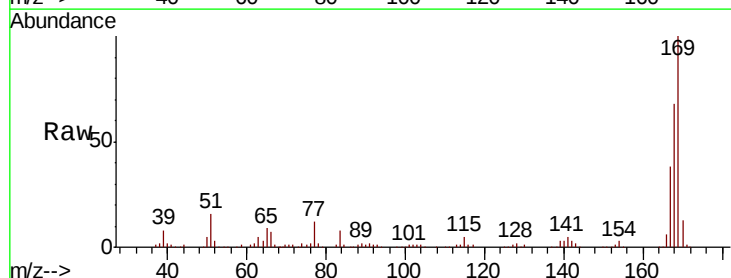
Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Tgt Ion:169 Resp: 350582

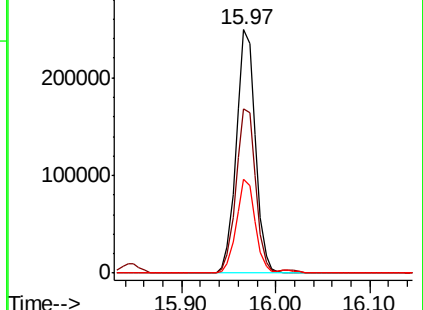
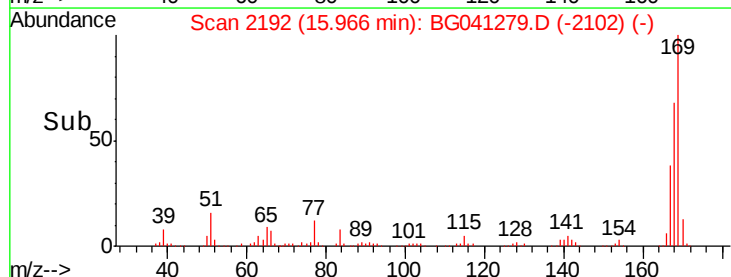
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.6  | 55.2  | 82.8  |
| 167 | 38.3  | 30.4  | 45.6  |

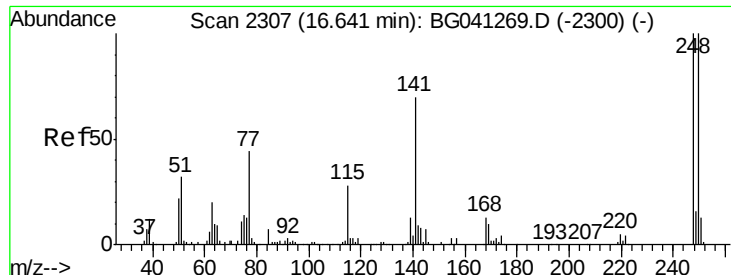


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

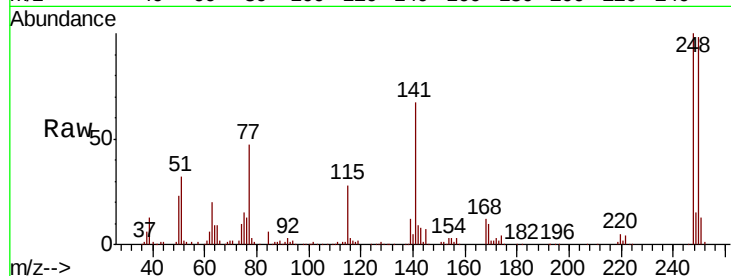




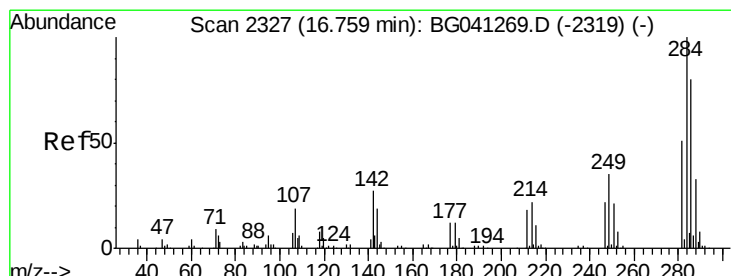
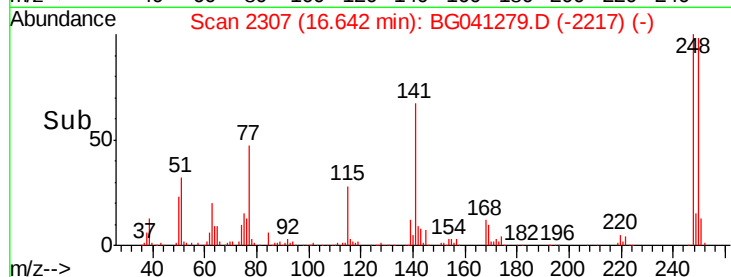
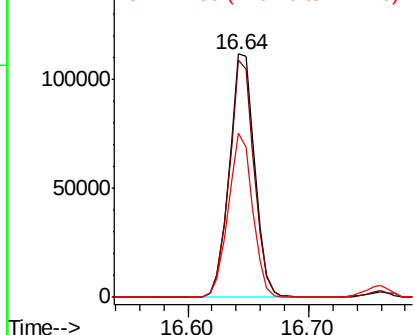
#67  
4-Bromophenyl-phenylether  
Concen: 44.565 ng  
RT: 16.64 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:248 Resp: 161956  
Ion Ratio Lower Upper  
248 100  
250 97.5 79.8 119.8  
141 67.4 55.8 83.6

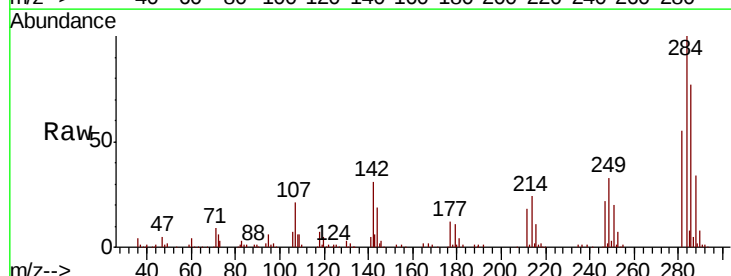


Abundance Ion 248.00 (247.70 to 248.70): E  
150000 Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

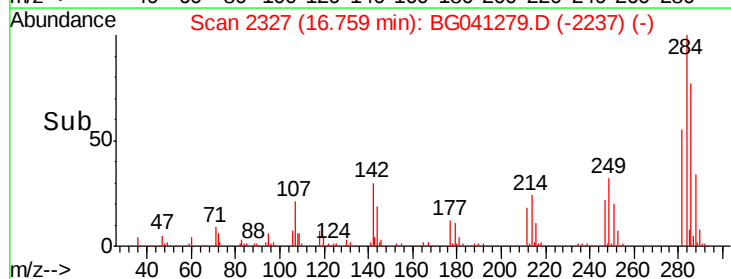
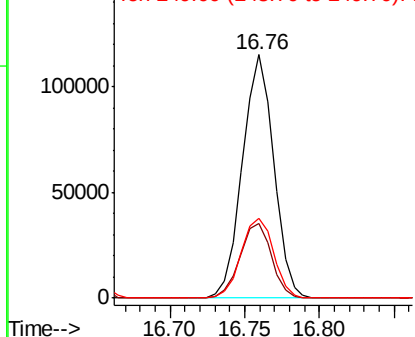


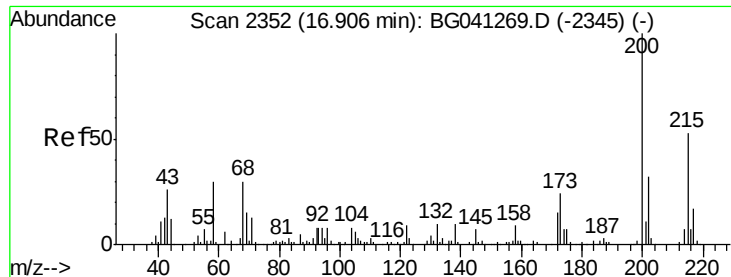
#68  
Hexachlorobenzene  
Concen: 43.010 ng  
RT: 16.76 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

Tgt Ion:284 Resp: 167374  
Ion Ratio Lower Upper  
284 100  
142 30.8 21.8 32.8  
249 33.0 27.8 41.6



Abundance Ion 283.80 (283.50 to 284.50): E  
150000 Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

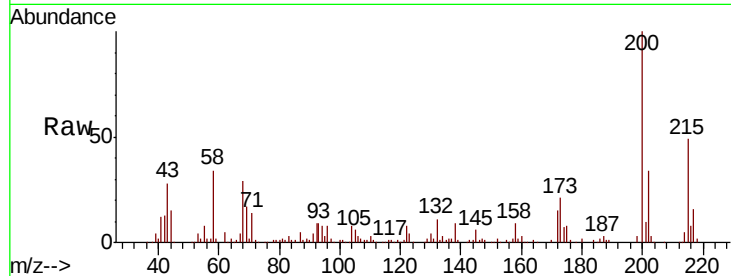




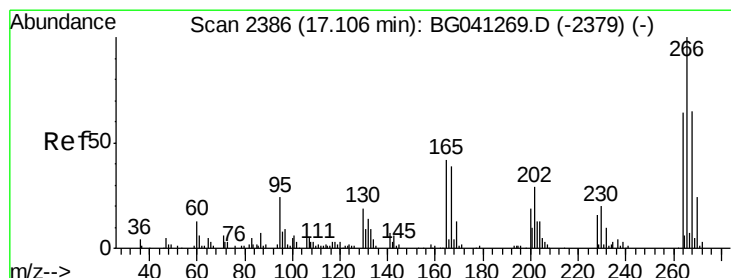
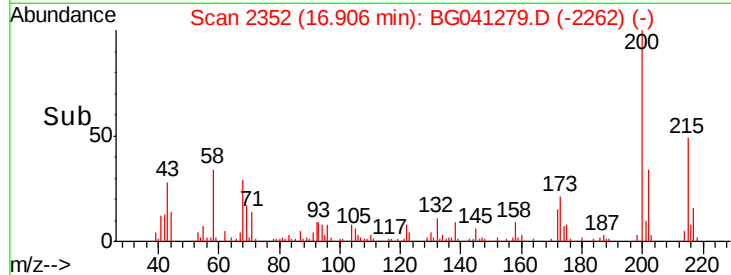
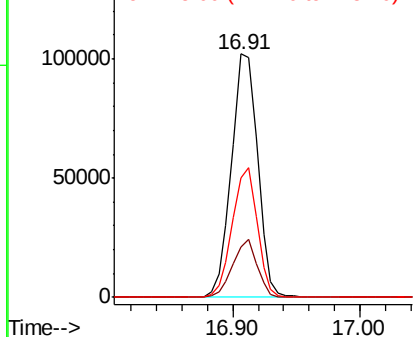
#69  
 Atrazine  
 Concen: Below Cal  
 RT: 16.91 min Scan# 2352  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 20.5  | 4.0   | 44.0  |
| 215     | 48.8  | 33.4  | 73.4  |

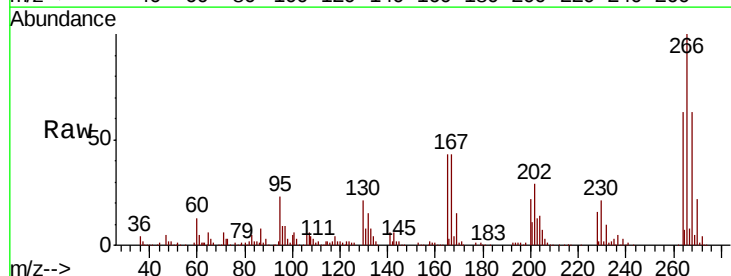


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

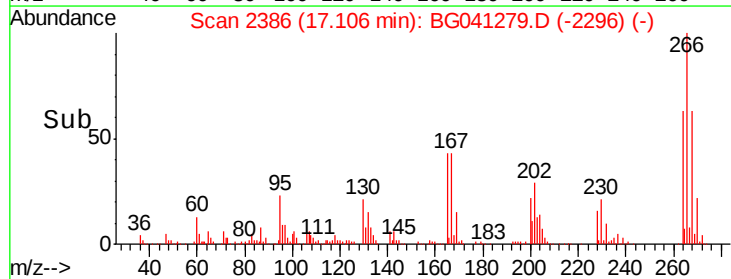
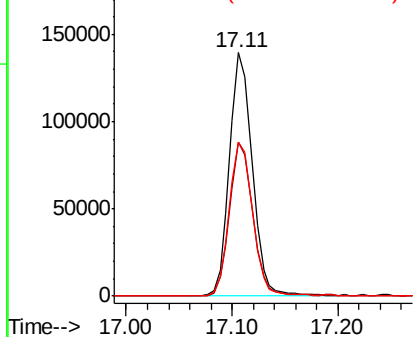


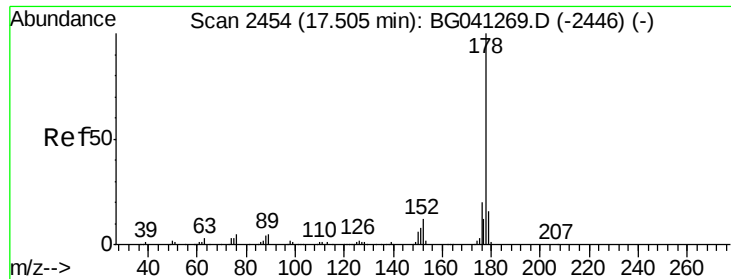
#70  
 Pentachlorophenol  
 Concen: 104.893 ng  
 RT: 17.11 min Scan# 2386  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.2  | 52.0  | 78.0  |
| 264     | 63.3  | 51.2  | 76.8  |



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





#71

Phenanthrene

Concen: 44.826 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

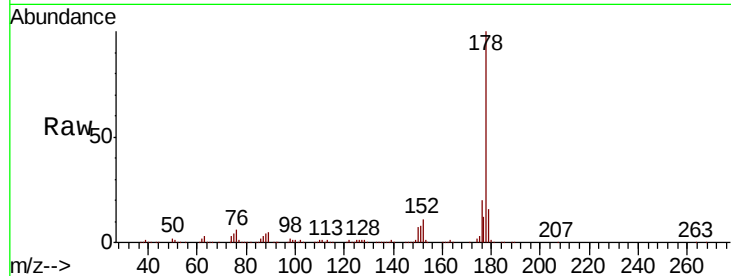
Tot Ion:178 Resp: 671930

Ion Ratio Lower Upper

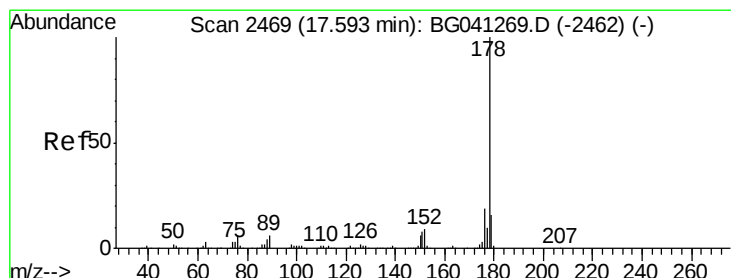
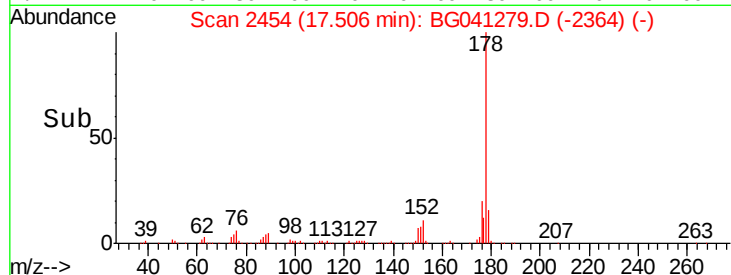
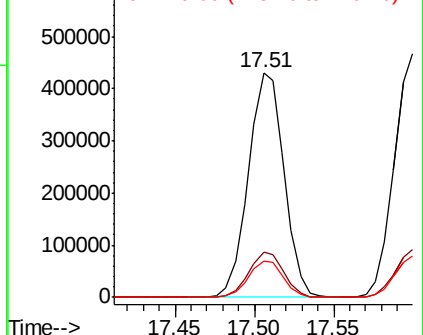
178 100

176 19.9 16.1 24.1

179 16.4 12.9 19.3



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



#72

Anthracene

Concen: 46.269 ng

RT: 17.60 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

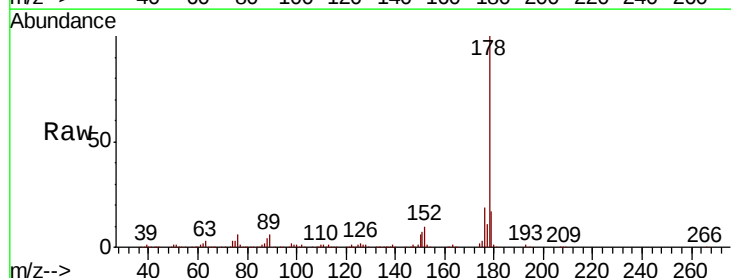
Tgt Ion:178 Resp: 683747

Ion Ratio Lower Upper

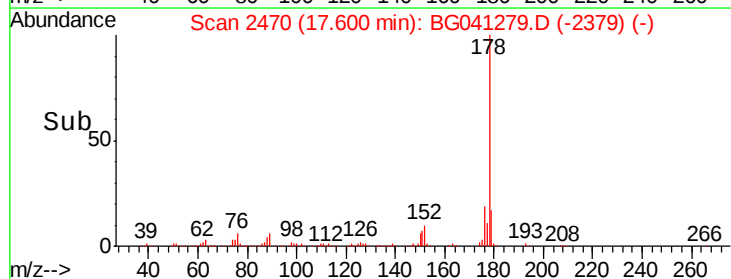
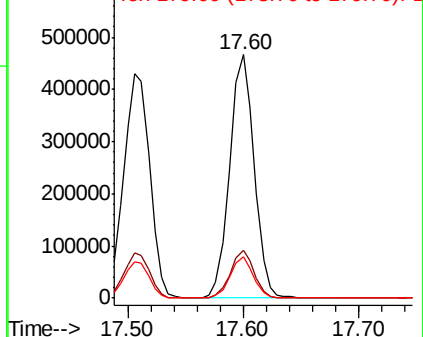
178 100

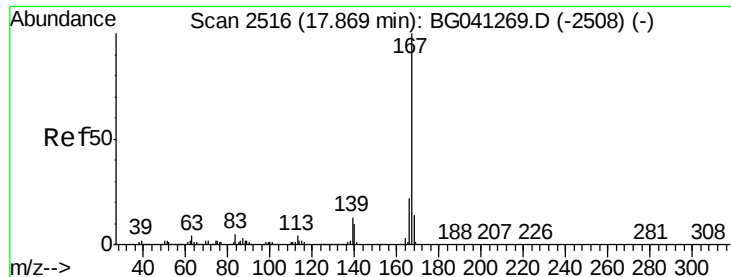
176 19.5 15.4 23.2

179 16.9 13.0 19.4



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

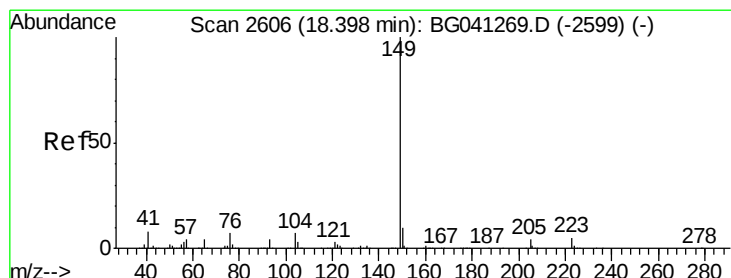
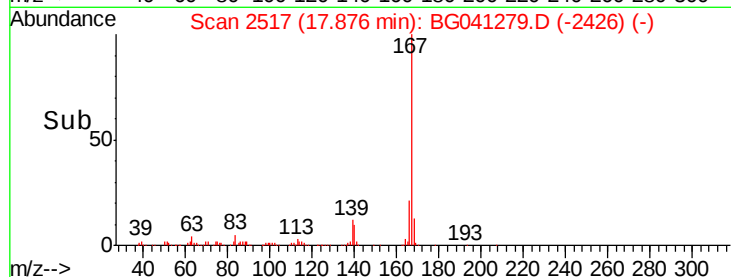
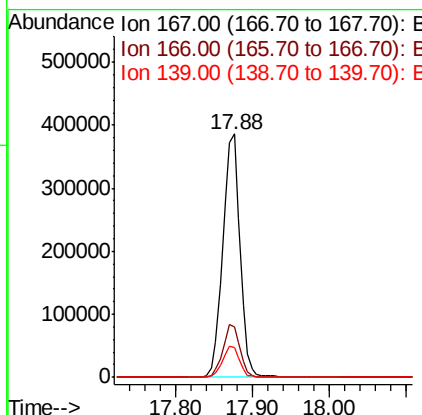
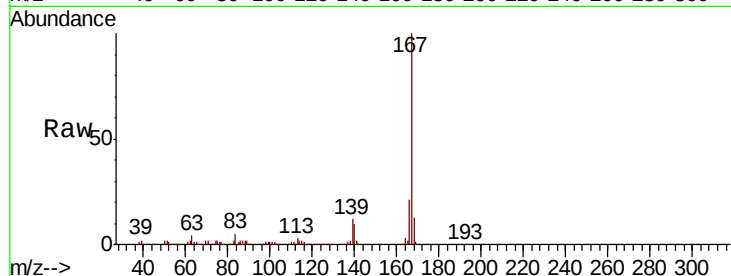




#73  
 Carbazole  
 Concen: 46.481 ng  
 RT: 17.88 min Scan# 2517  
 Delta R.T. 0.01 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

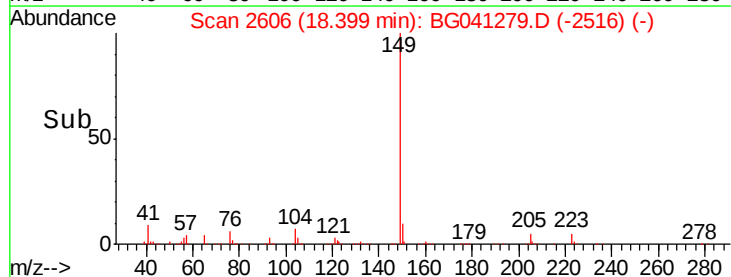
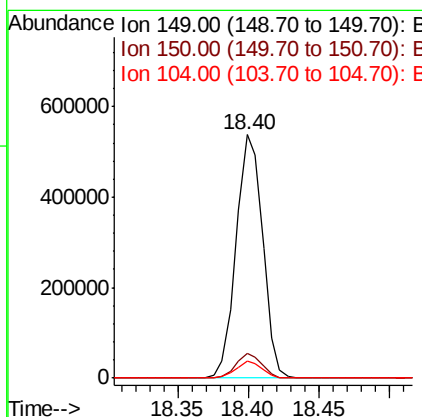
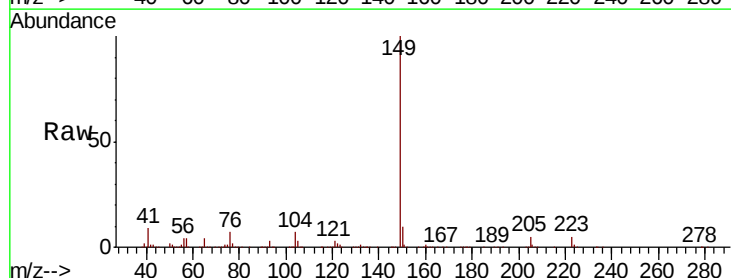
Instrument :  
 BNA\_G  
 ClientSampled :

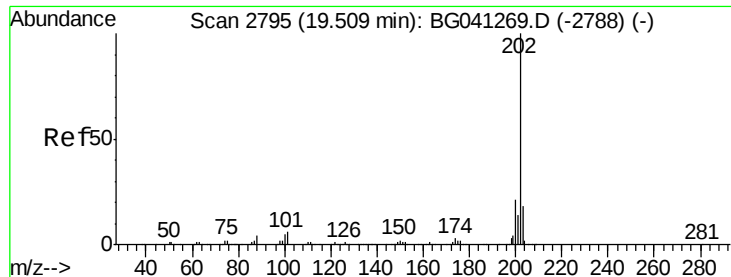
Tot Ion:167 Resp: 600871  
 Ion Ratio Lower Upper  
 167 100  
 166 20.7 17.9 26.9  
 139 12.3 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 43.597 ng  
 RT: 18.40 min Scan# 2606  
 Delta R.T. 0.00 min  
 Lab File: BG041279.D  
 Acq: 17 Jun 2019 20:19

Tgt Ion:149 Resp: 703222  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 8.1 12.1  
 104 7.1 5.4 8.0





#75

Fluoranthene

Concen: 43.722 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

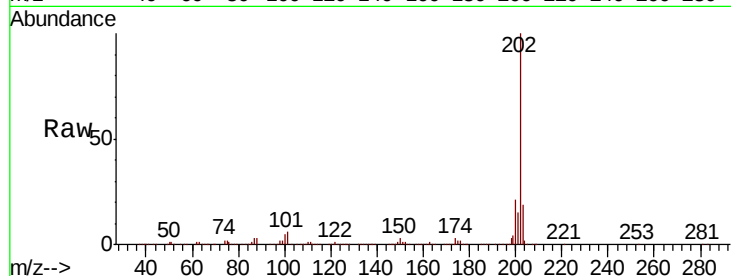
Tot Ion:202 Resp: 870672

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.0

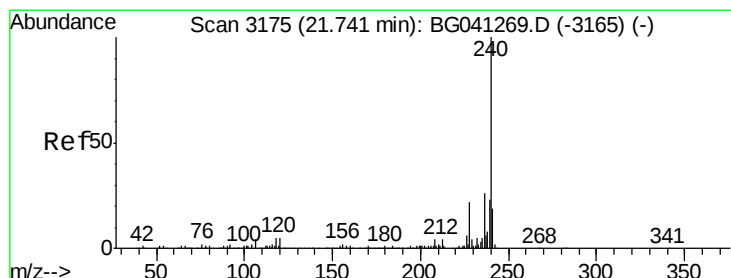
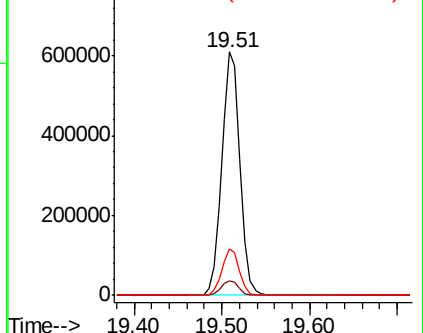
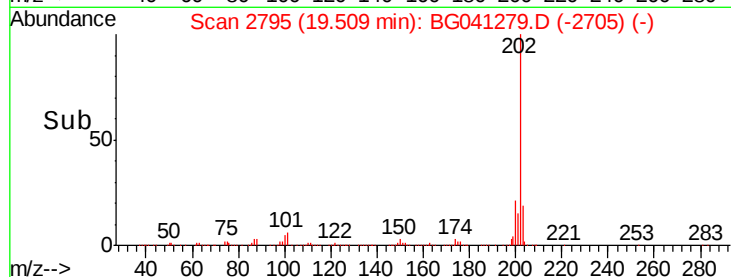
203 19.1 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

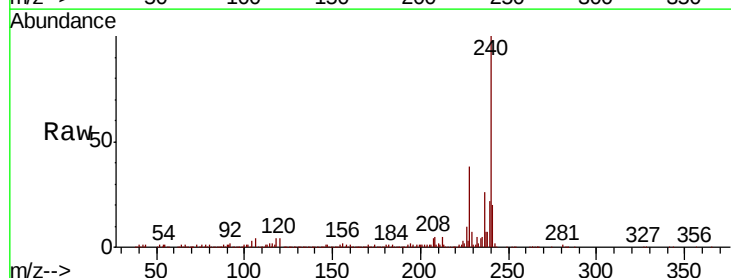
Tgt Ion:240 Resp: 280583

Ion Ratio Lower Upper

240 100

120 4.1 3.7 5.5

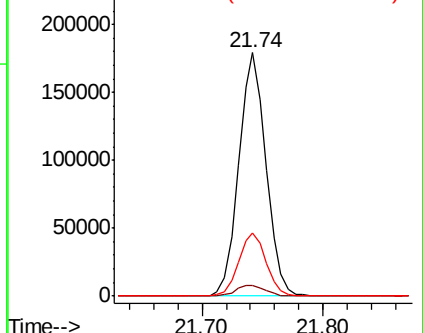
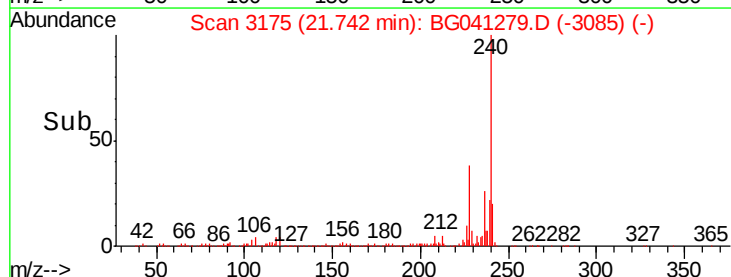
236 25.9 21.1 31.7

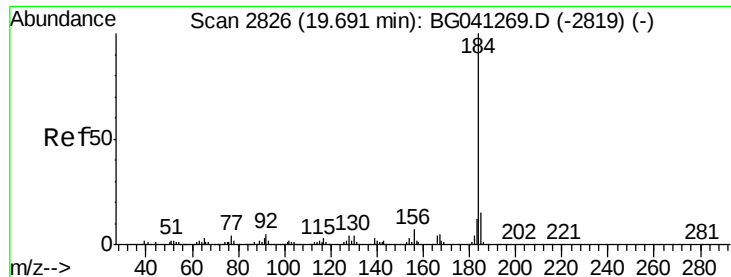


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.827 ng

RT: 19.70 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

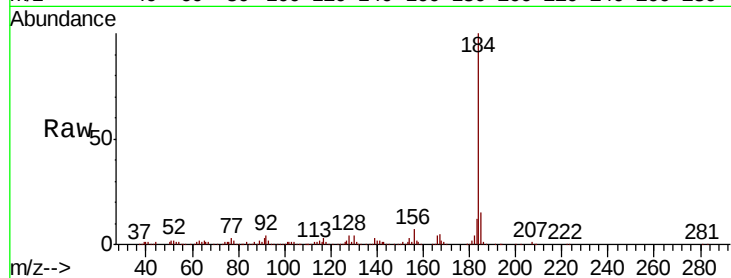
Tot Ion:184 Resp: 351734

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

183 12.2 9.6 14.4

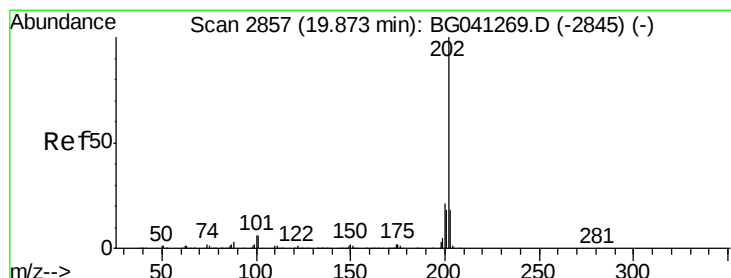
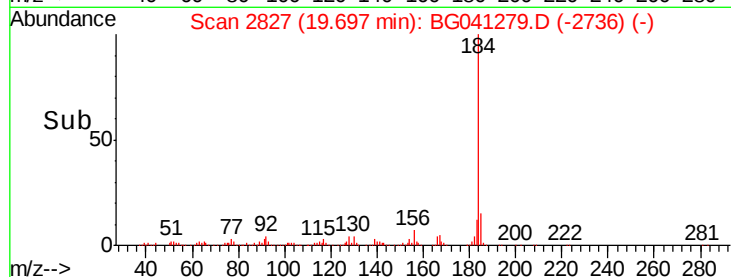
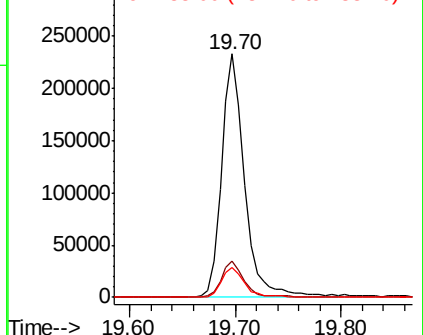


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.494 ng

RT: 19.87 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

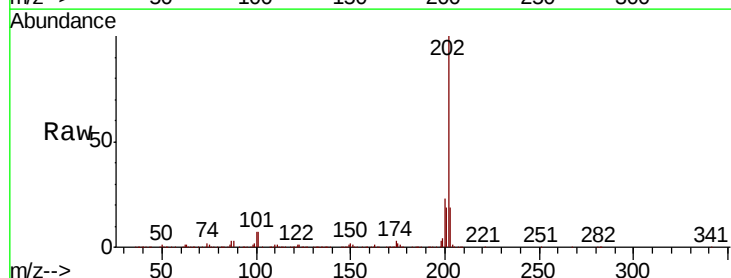
Tgt Ion:202 Resp: 879798

Ion Ratio Lower Upper

202 100

200 22.6 16.8 25.2

203 19.0 14.6 21.8

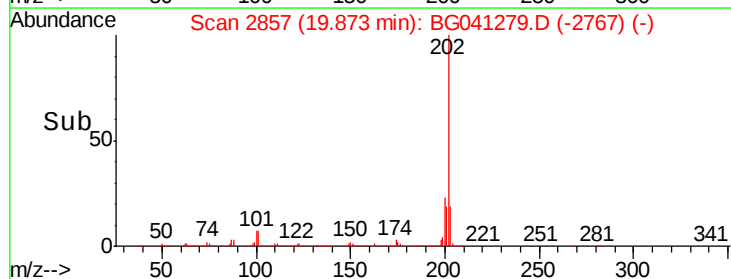
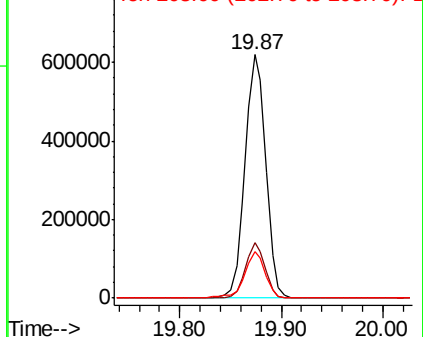


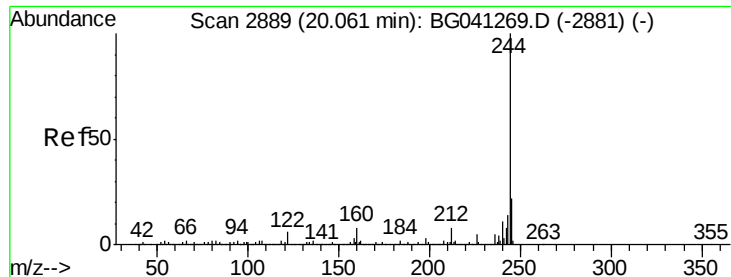
Abundance

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





#79

Terphenyl-d14

Concen: 85.957 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

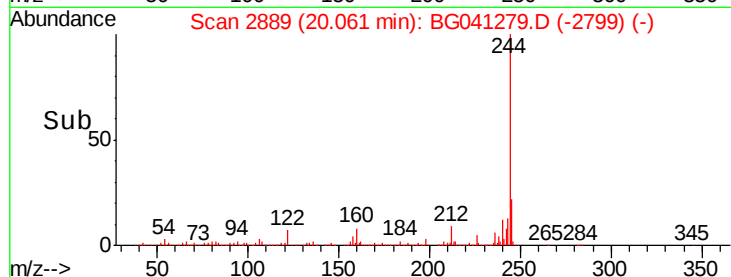
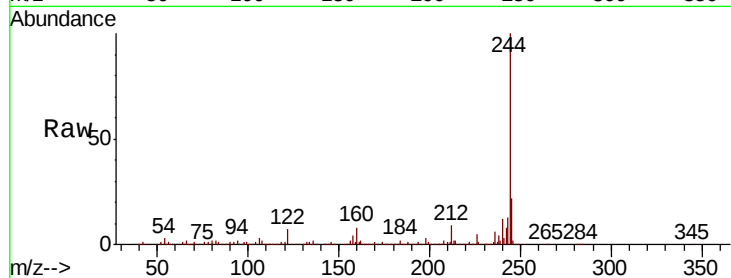
Tot Ion:244 Resp: 1216975

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

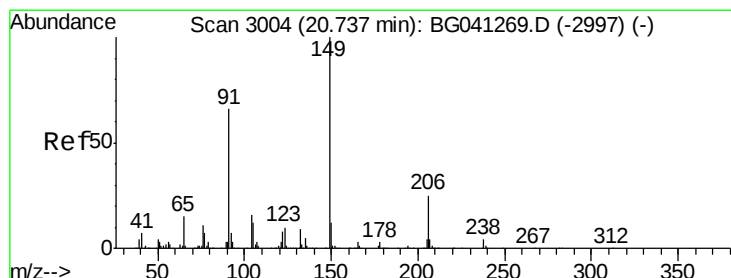
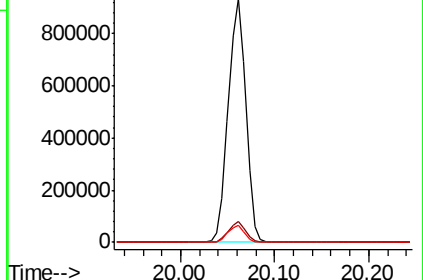
122 6.8 5.0 7.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.789 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

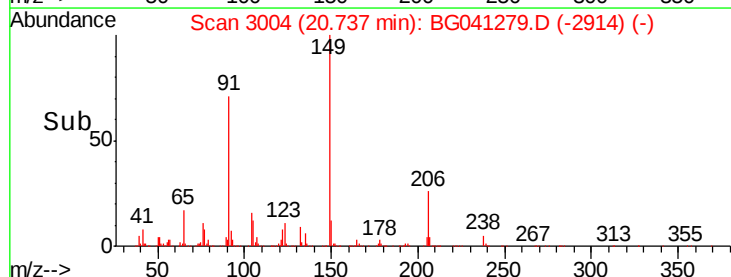
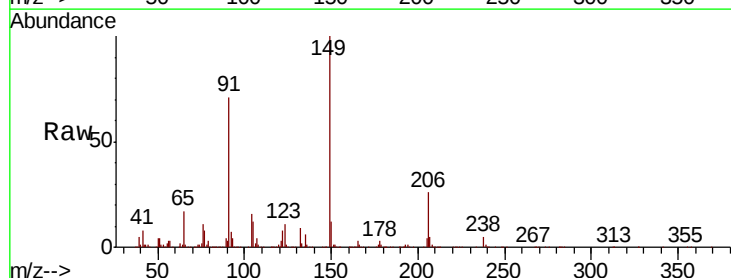
Tgt Ion:149 Resp: 327733

Ion Ratio Lower Upper

149 100

91 71.3 53.2 79.8

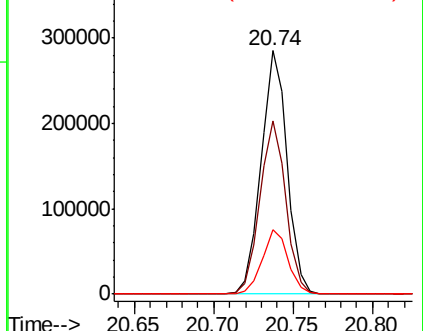
206 26.2 20.3 30.5

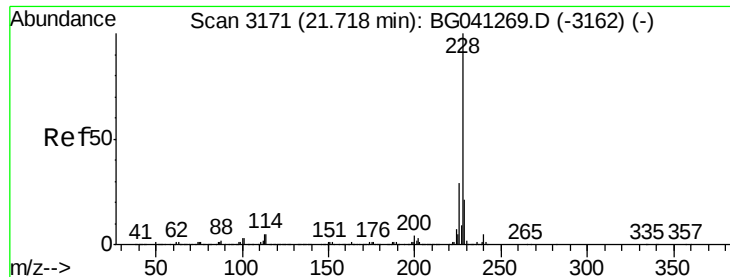


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.712 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

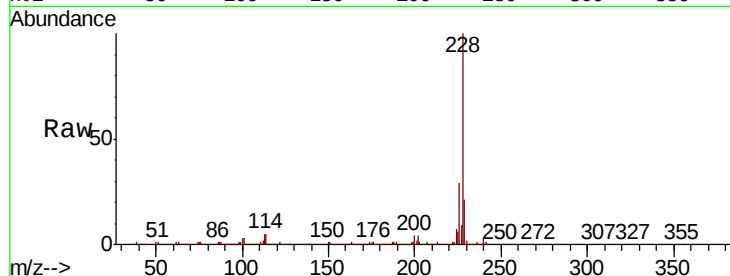
Tot Ion:228 Resp: 849442

Ion Ratio Lower Upper

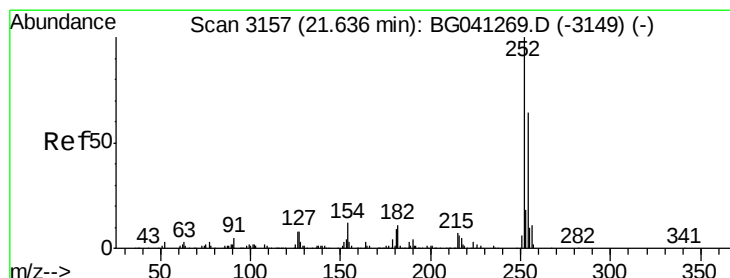
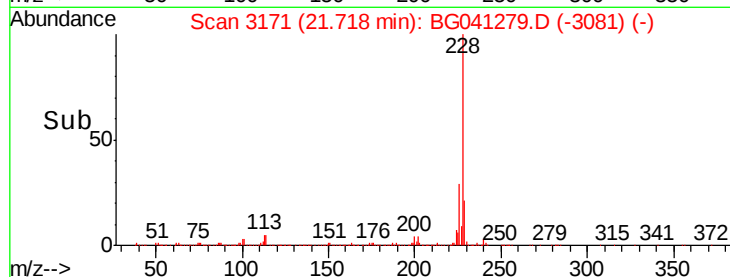
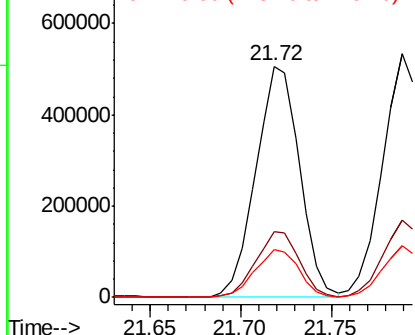
228 100

226 28.7 23.2 34.8

229 20.8 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.884 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

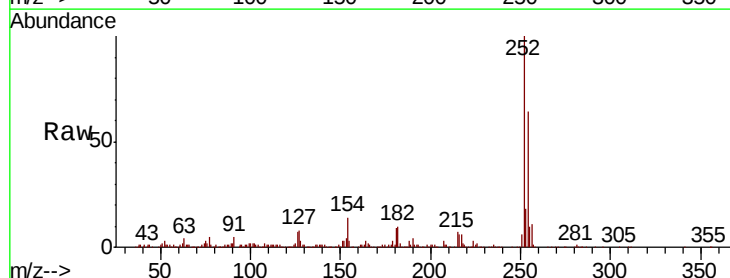
Tgt Ion:252 Resp: 299329

Ion Ratio Lower Upper

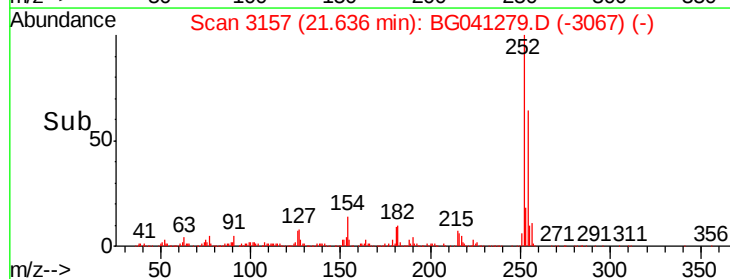
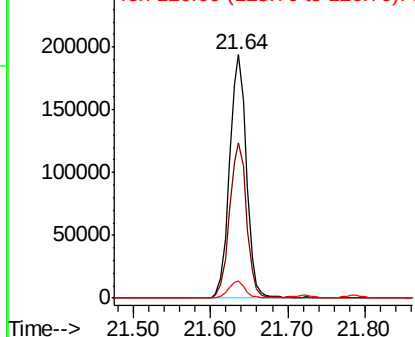
252 100

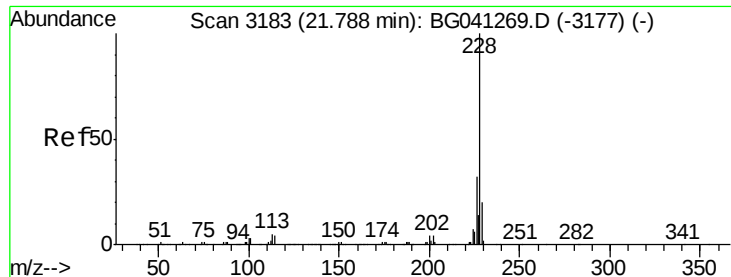
254 63.8 51.4 77.0

126 6.9 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.808 ng

RT: 21.79 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

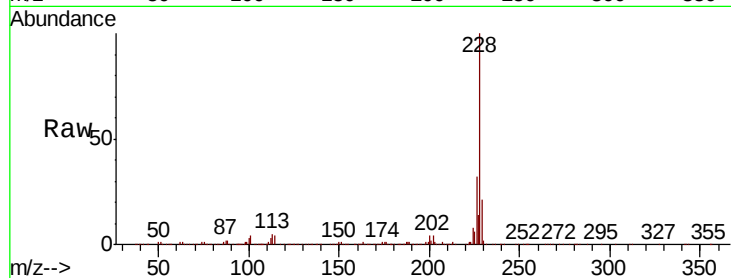
Tot Ion:228 Resp: 836918

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

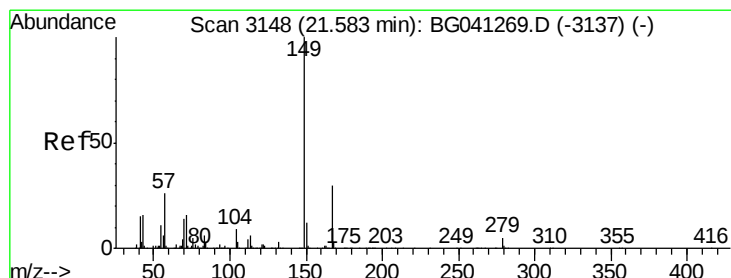
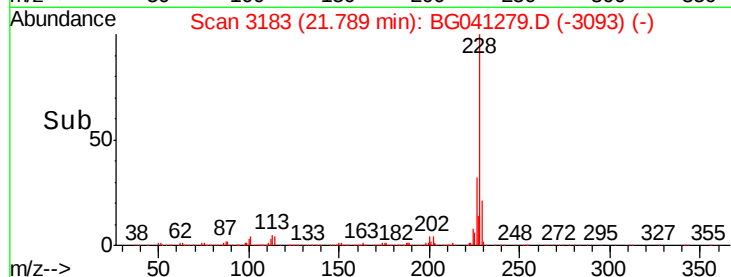
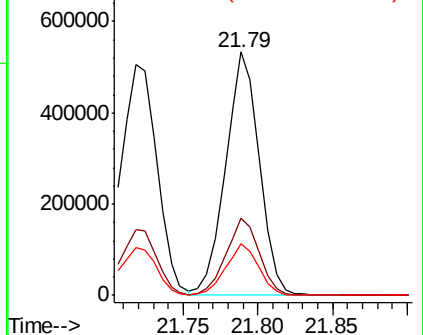
229 21.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.054 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

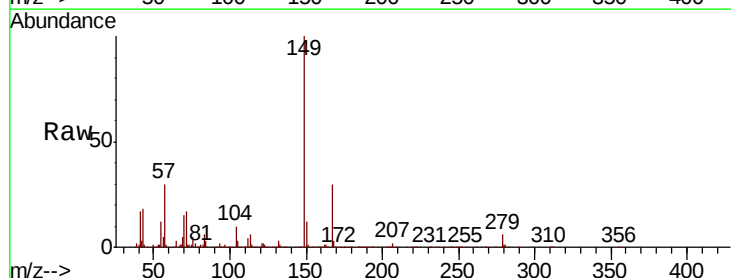
Tgt Ion:149 Resp: 449213

Ion Ratio Lower Upper

149 100

167 29.6 23.8 35.8

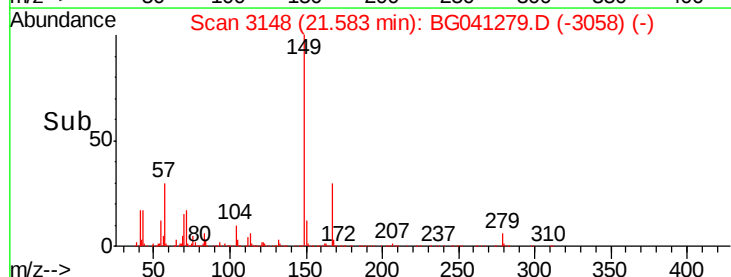
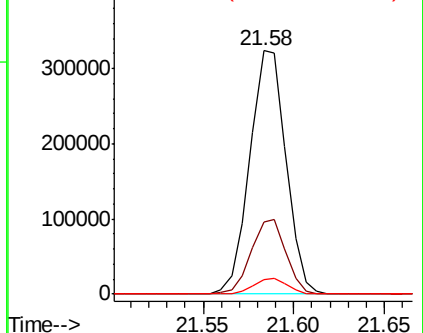
279 6.1 4.4 6.6

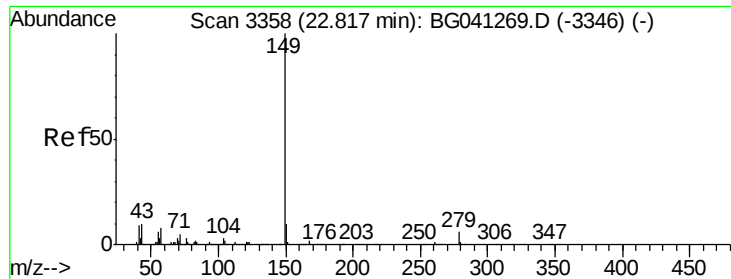


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.646 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampled :

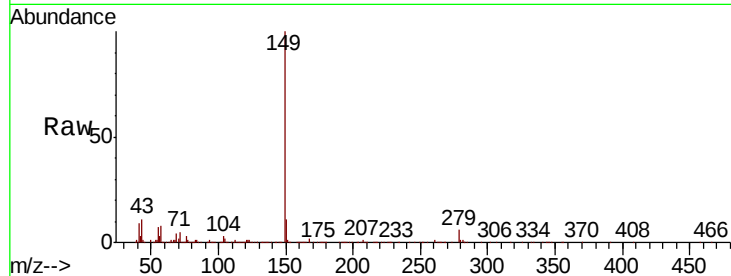
Tot Ion:149 Resp: 769786

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

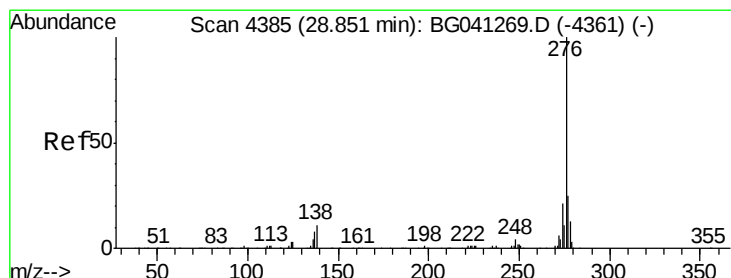
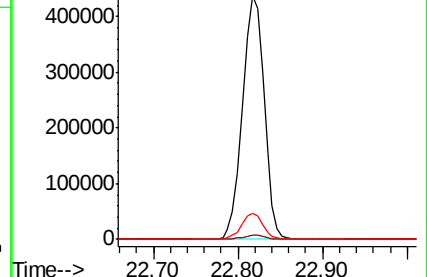
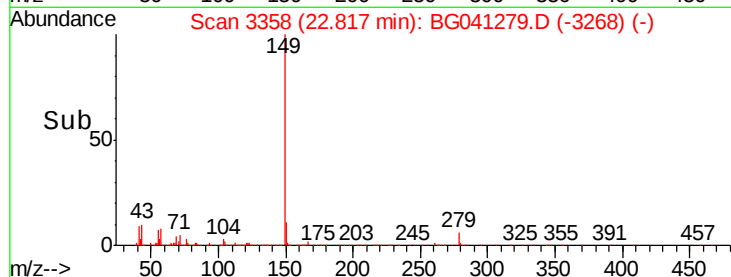
43 10.3 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.651 ng

RT: 28.86 min Scan# 4386

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

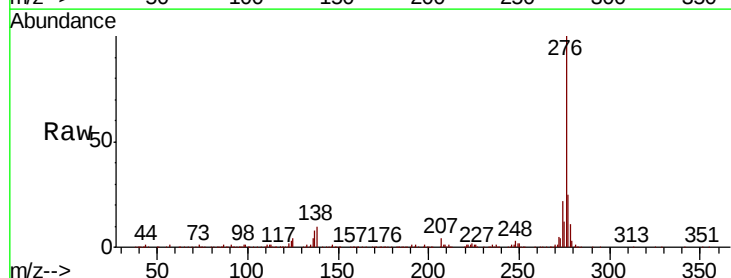
Tgt Ion:276 Resp: 989539

Ion Ratio Lower Upper

276 100

138 7.4 7.7 11.5#

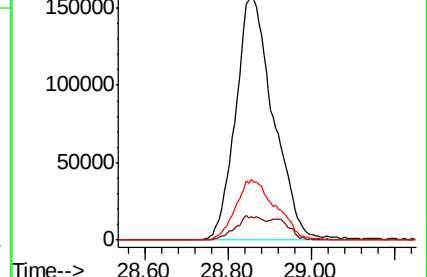
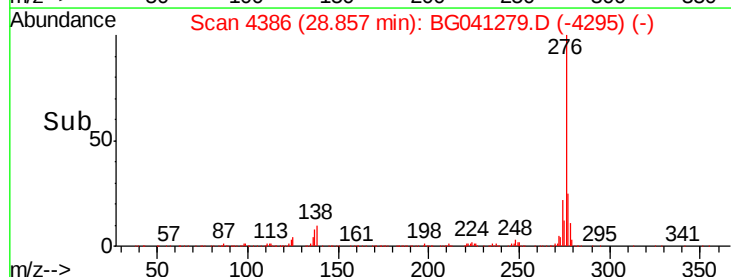
277 26.4 20.6 31.0

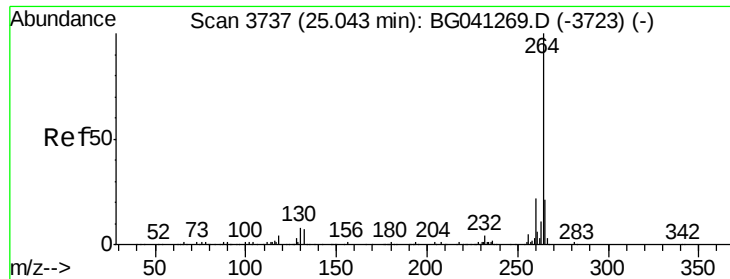


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Instrument :

BNA\_G

ClientSampleId :

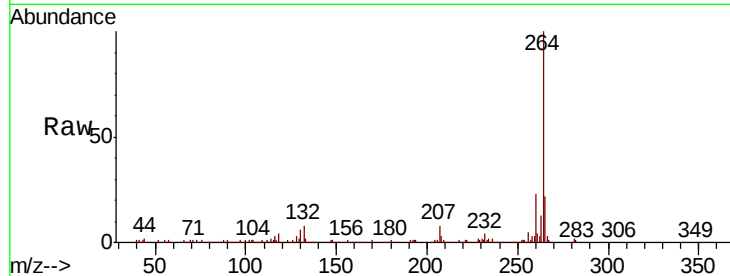
Tot Ion:264 Resp: 251361

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.2

265 22.2 17.2 25.8

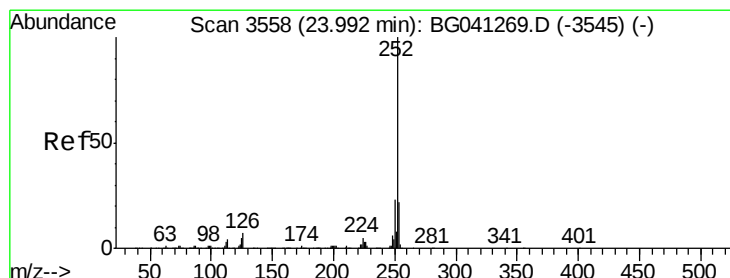
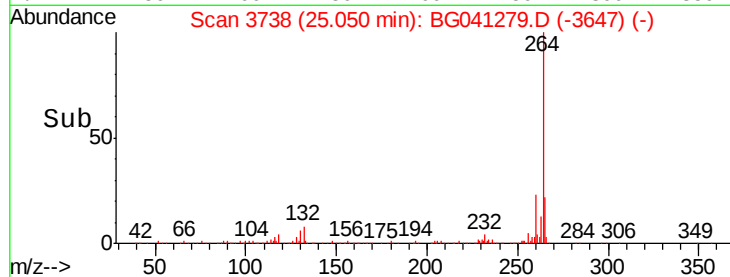
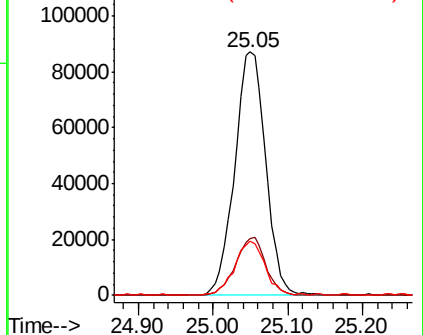


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.843 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

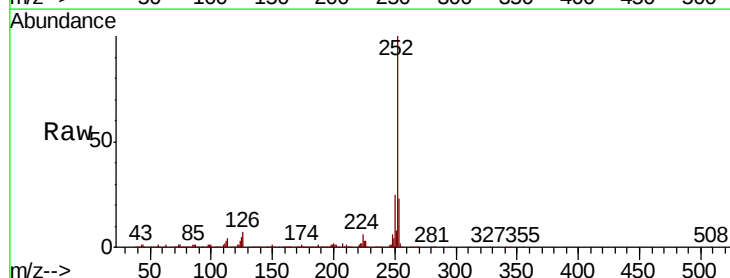
Tgt Ion:252 Resp: 854328

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 5.0 3.9 5.9

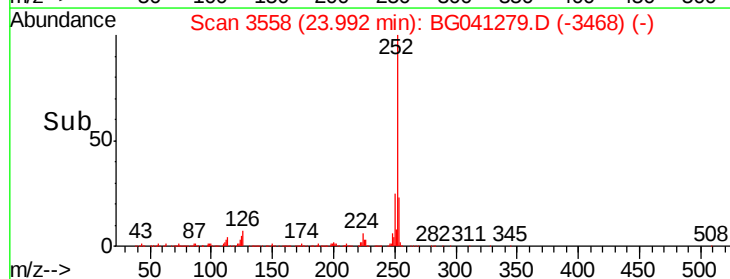
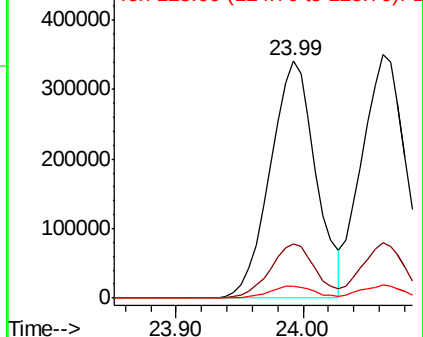


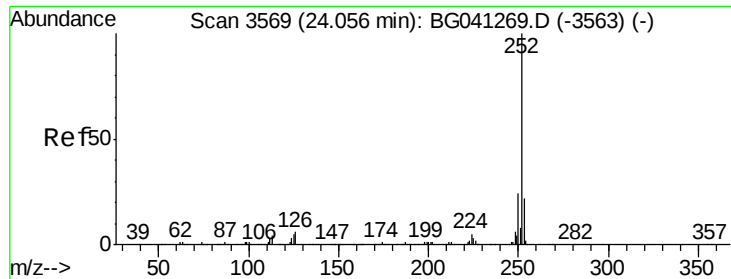
Abundance

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

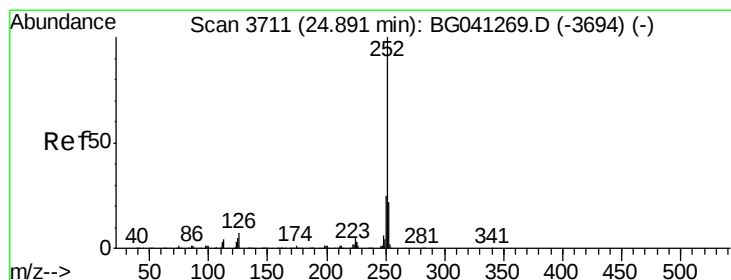
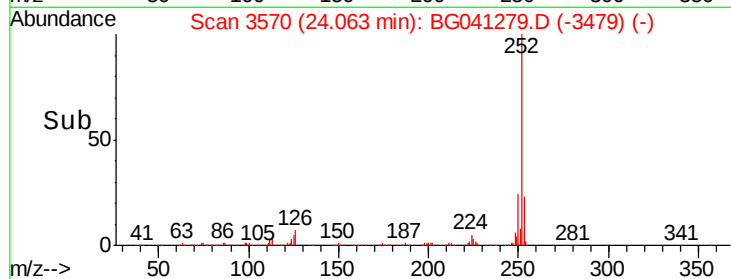
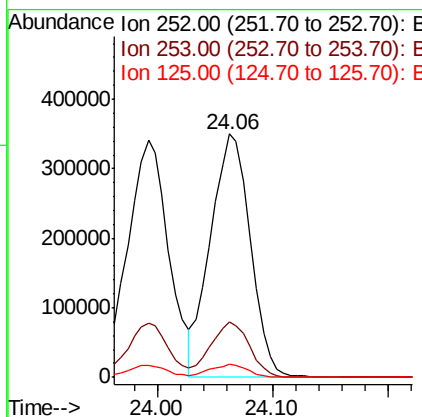
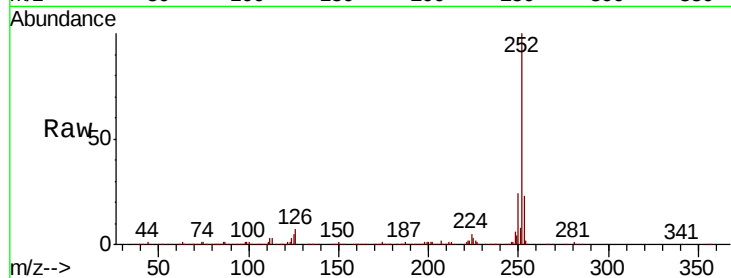




#89  
Benzo(k)fluoranthene  
Concen: 54.204 ng  
RT: 24.06 min Scan# 3570  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

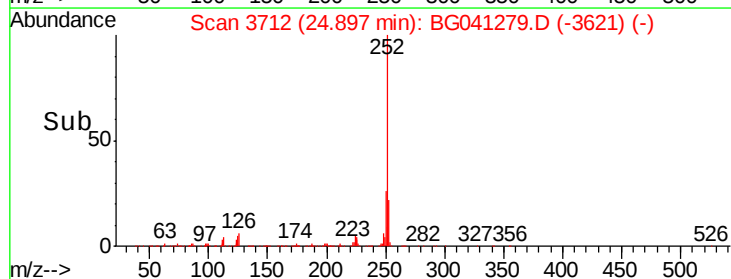
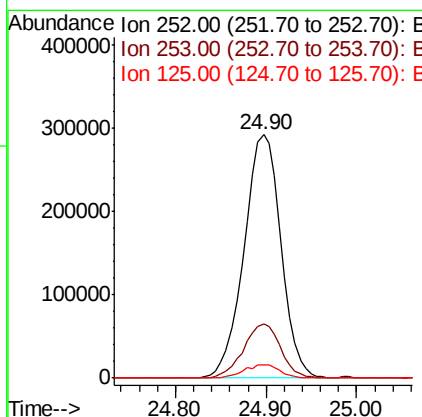
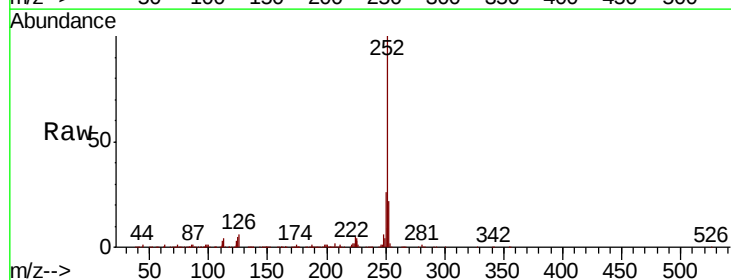
Instrument :  
BNA\_G  
ClientSampleId :

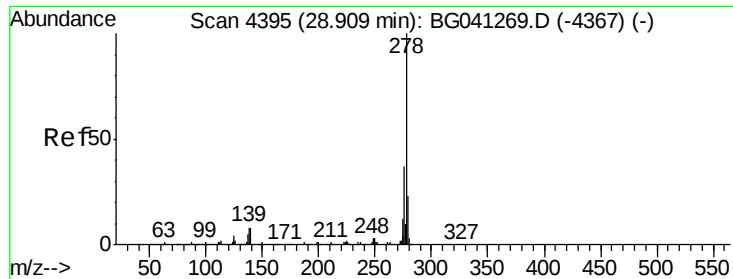
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 18.0  | 27.0  |
| 125     | 5.4   | 4.3   | 6.5   |



#90  
Benzo(a)pyrene  
Concen: 56.465 ng  
RT: 24.90 min Scan# 3712  
Delta R.T. 0.01 min  
Lab File: BG041279.D  
Acq: 17 Jun 2019 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.8  | 26.6  |
| 125     | 5.5   | 4.2   | 6.4   |





#91

Dibenzo(a,h)anthracene

Concen: 55.895 ng

RT: 28.92 min Scan# 4397

Delta R.T. 0.01 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

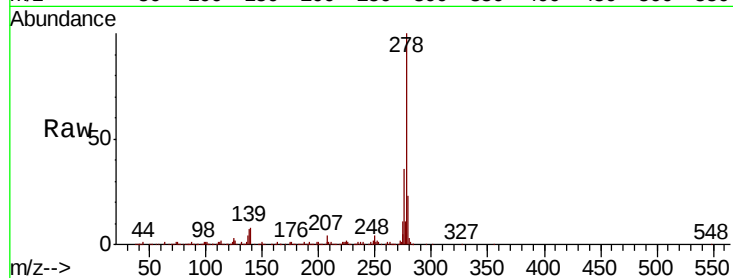
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:278 Resp: 827873

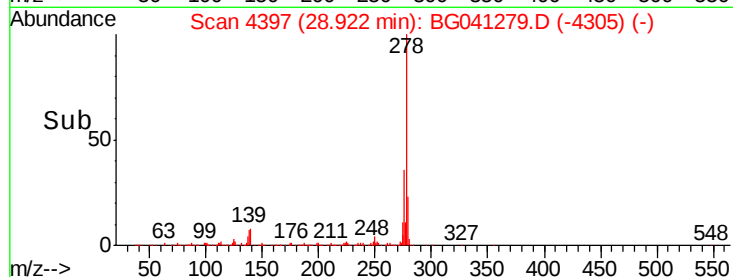
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 8.0   | 6.6   | 10.0  |
| 279 | 23.5  | 18.5  | 27.7  |



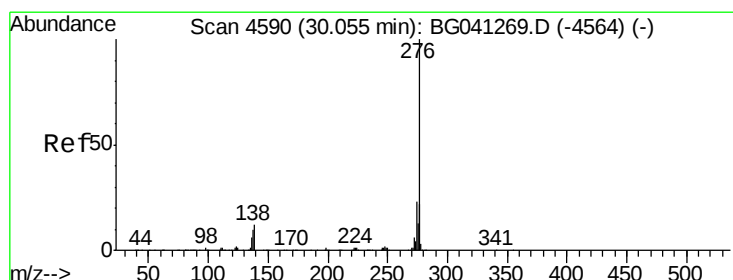
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 55.518 ng

RT: 30.06 min Scan# 4590

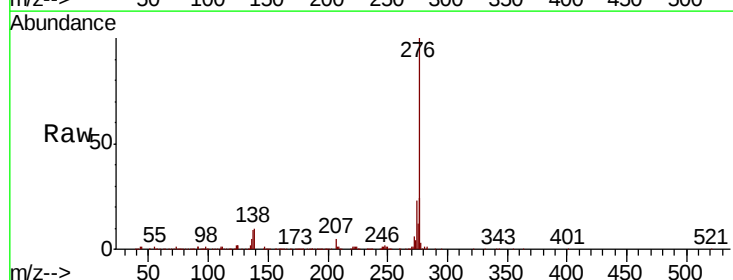
Delta R.T. 0.00 min

Lab File: BG041279.D

Acq: 17 Jun 2019 20:19

Tgt Ion:276 Resp: 812623

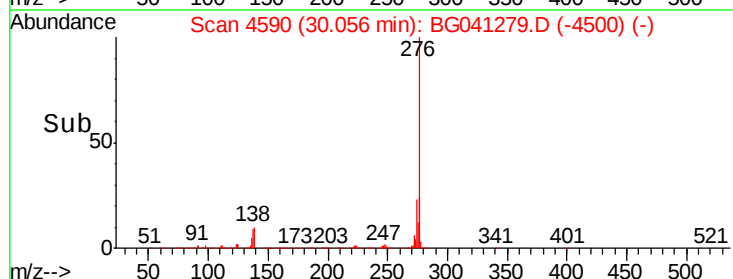
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 17.9  | 26.9  |
| 138 | 9.9   | 9.4   | 14.0  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->