

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\  
 Data File : BG043498.D  
 Acq On : 5 Nov 2019 2:50  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 05 04:54:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 48141    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 180235   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.64 | 164  | 126192   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.39 | 188  | 291491   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 307962   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.86 | 264  | 370892   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 208890  | 79.51 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 291972  | 77.24 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.18  | 82  | 272148  | 77.85 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.14 | 330 | 183012  | 76.21 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.27 | 172 | 722173  | 79.08 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.00 | 244 | 1280875 | 78.03 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 38746  | 37.846 | ng | 97     |
| 3) Pyridine                    | 3.88  | 79  | 102775 | 39.796 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.80  | 42  | 49068  | 37.653 | ng | # 94   |
| 6) Aniline                     | 7.34  | 93  | 163611 | 37.575 | ng | 96     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 113084 | 38.994 | ng | 97     |
| 9) Benzaldehyde                | 7.15  | 77  | 77082  | 41.496 | ng | 95     |
| 10) Phenol                     | 7.22  | 94  | 131683 | 38.125 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 98476  | 36.876 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 144401 | 39.741 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146 | 142070 | 38.645 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.37  | 146 | 136350 | 37.986 | ng | 92     |
| 15) Benzyl Alcohol             | 8.26  | 79  | 102588 | 38.645 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 136732 | 35.213 | ng | 97     |
| 17) 2-Methylphenol             | 8.47  | 107 | 95395  | 37.886 | ng | 92     |
| 18) Hexachloroethane           | 9.10  | 117 | 50505  | 38.078 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 85490  | 35.002 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 127494 | 36.925 | ng | 97     |
| 22) Acetophenone               | 8.84  | 105 | 181349 | 39.290 | ng | # 99   |
| 24) Nitrobenzene               | 9.22  | 77  | 131206 | 39.397 | ng | # 96   |
| 25) Isophorone                 | 9.74  | 82  | 234442 | 36.679 | ng | 98     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 65217  | 40.562 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 92612  | 40.188 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 132062 | 37.436 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 122877 | 41.616 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 152128 | 40.879 | ng | 95     |
| 31) Naphthalene                | 10.87 | 128 | 363450 | 39.727 | ng | 97     |
| 32) Benzoic acid               | 10.17 | 122 | 62144  | 37.708 | ng | 85     |
| 33) 4-Chloroaniline            | 10.98 | 127 | 150184 | 40.048 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 110398 | 40.131 | ng | 90     |
| 35) Caprolactam                | 11.77 | 113 | 39354  | 38.700 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 125250 | 38.889 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.47 | 142 | 270874 | 38.588 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.69 | 142 | 258146 | 38.651 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 191663 | 41.040 | ng | 99     |

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 ALS Vial : 2 Sample Multiplier: 1

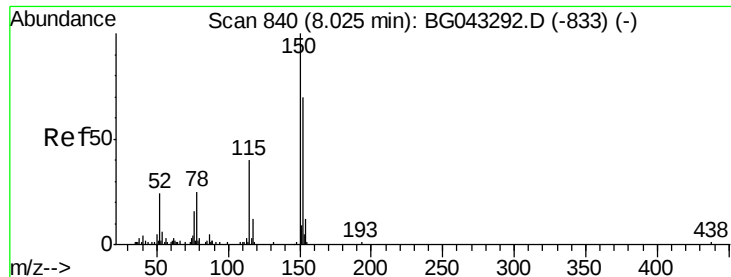
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 05 04:54:55 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 33104    | 13.494 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 110209   | 40.071 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 108821   | 39.137 | ng    | 92       |
| 46) 1,1'-Biphenyl              | 13.47 | 154  | 381574   | 39.747 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.52 | 162  | 293828   | 40.226 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 85475    | 39.153 | ng    | 92       |
| 49) Acenaphthylene             | 14.37 | 152  | 455349   | 40.055 | ng    | 99       |
| 50) Dimethylphthalate          | 14.10 | 163  | 362265   | 37.062 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.22 | 165  | 82416    | 38.812 | ng    | 92       |
| 52) Acenaphthene               | 14.71 | 154  | 271954   | 39.228 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 81068    | 39.542 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.77 | 184  | 18480    | 19.951 | ng    | 96       |
| 55) Dibenzofuran               | 15.04 | 168  | 436657   | 38.840 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 50915    | 37.059 | ng    | # 85     |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 116648   | 38.438 | ng    | # 98     |
| 58) Fluorene                   | 15.69 | 166  | 363161   | 38.514 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 111508   | 37.746 | ng    | 97       |
| 60) Diethylphthalate           | 15.46 | 149  | 360164   | 36.672 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 209730   | 38.127 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 87880    | 41.505 | ng    | 95       |
| 63) Azobenzene                 | 15.97 | 77   | 298160   | 37.512 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 33555    | 19.561 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 314778   | 38.250 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.58 | 248  | 149478   | 38.105 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.70 | 284  | 170649   | 37.898 | ng    | 97       |
| 69) Atrazine                   | 16.84 | 200  | 101347   | 35.441 | ng    | 97       |
| 70) Pentachlorophenol          | 17.05 | 266  | 71572    | 34.882 | ng    | 96       |
| 71) Phenanthrene               | 17.44 | 178  | 569718   | 38.168 | ng    | 99       |
| 72) Anthracene                 | 17.52 | 178  | 574631   | 38.477 | ng    | 99       |
| 73) Carbazole                  | 17.80 | 167  | 521139   | 38.534 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.35 | 149  | 631657   | 38.493 | ng    | 100      |
| 75) Fluoranthene               | 19.44 | 202  | 723177   | 37.163 | ng    | 98       |
| 77) Benzidine                  | 19.63 | 184  | 263829   | 42.568 | ng    | 99       |
| 78) Pyrene                     | 19.80 | 202  | 745829   | 39.126 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 294681   | 40.803 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 776883   | 40.273 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 317661   | 42.575 | ng    | 100      |
| 83) Chrysene                   | 21.71 | 228  | 764062   | 39.864 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 418895   | 40.832 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 712978   | 40.964 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.50 | 276  | 933669   | 38.808 | ng    | # 94     |
| 88) Benzo(b)fluoranthene       | 23.85 | 252  | 834333   | 39.719 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 814219   | 38.503 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.71 | 252  | 795563   | 39.660 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.56 | 278  | 772010   | 37.626 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.65 | 276  | 683098   | 33.752 | ng    | 97       |

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



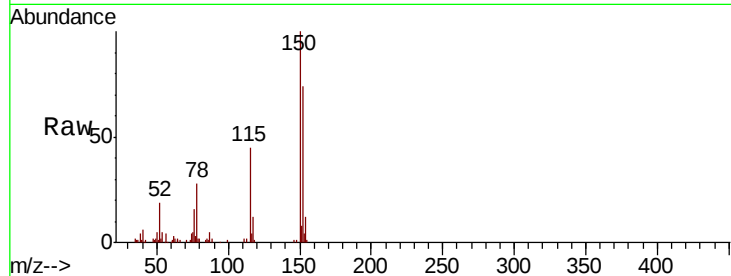


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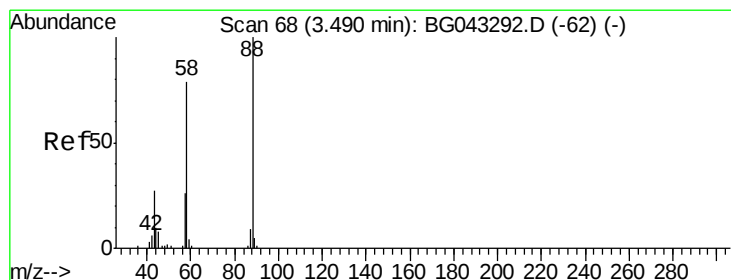
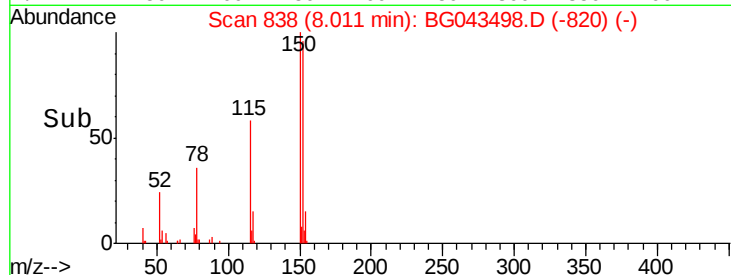
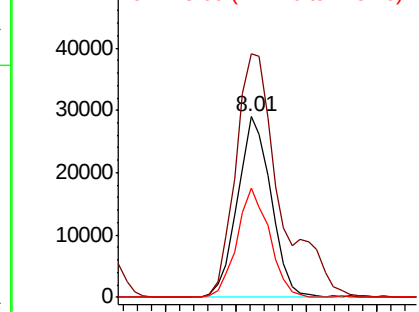
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 838  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 48141  
Ion Ratio Lower Upper  
152 100  
150 134.8 129.4 194.0  
115 60.5 48.8 73.2



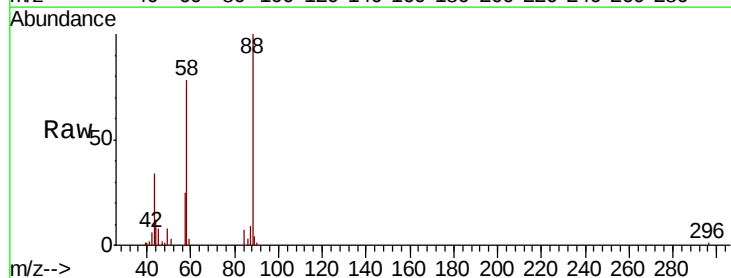
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



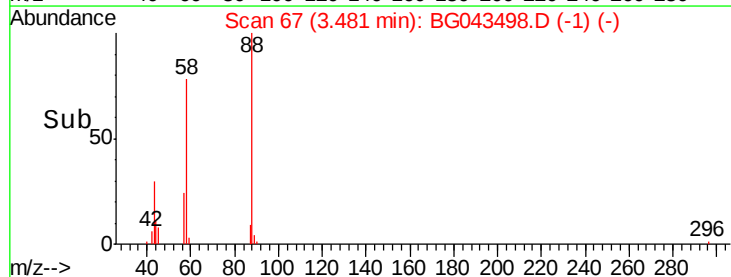
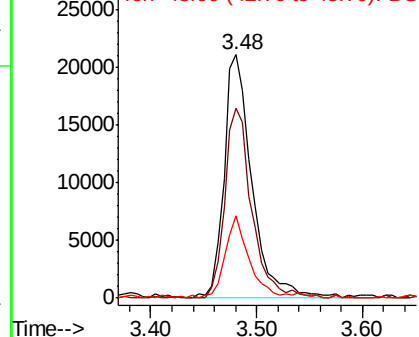
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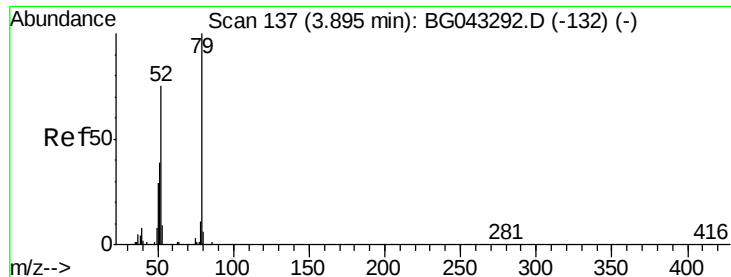
1,4-Dioxane  
Concen: 37.846 ng  
RT: 3.48 min Scan# 67  
Delta R.T. 0.01 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Tgt Ion: 88 Resp: 38746  
Ion Ratio Lower Upper  
88 100  
58 74.9 62.7 94.1  
43 29.7 23.7 35.5



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: 39.796 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampleId :

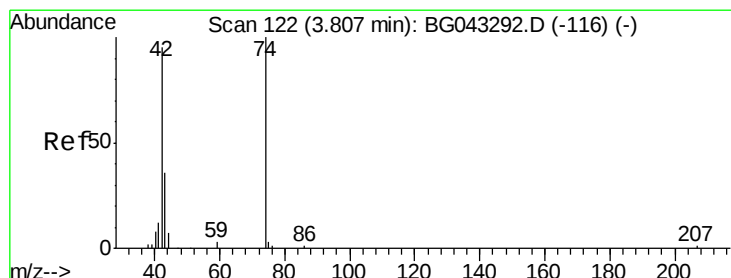
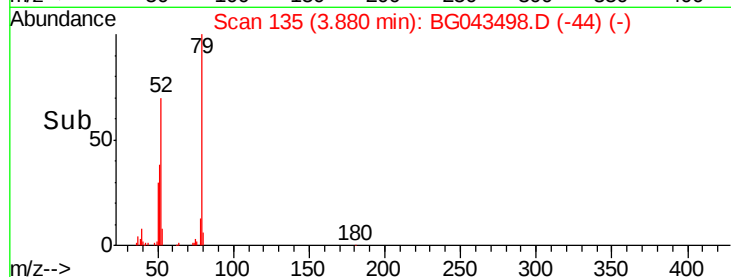
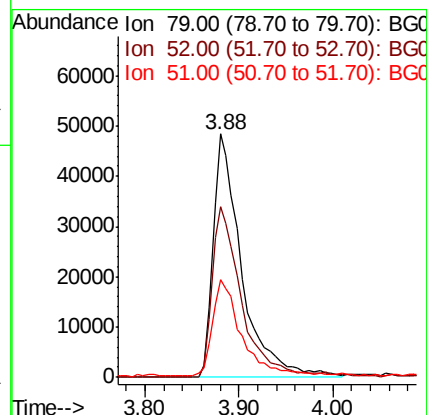
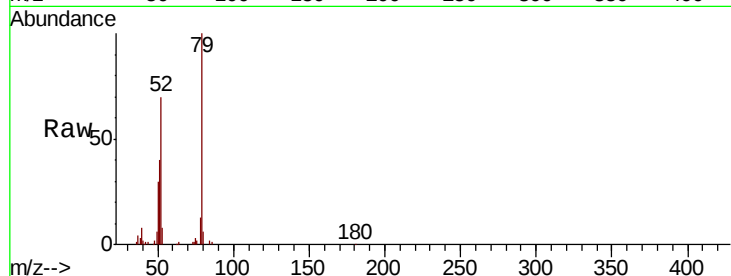
Tot Ion: 79 Resp: 102775

Ion Ratio Lower Upper

79 100

52 70.0 56.5 84.7

51 40.0 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 37.653 ng

RT: 3.80 min Scan# 121

Delta R.T. 0.01 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

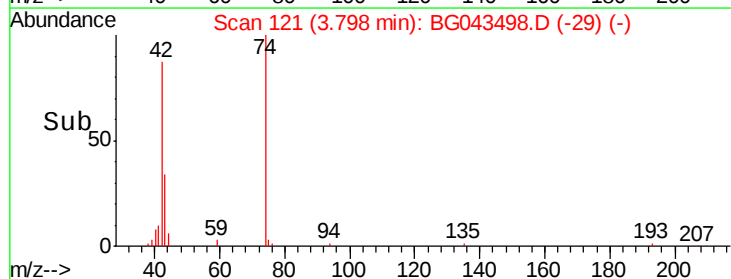
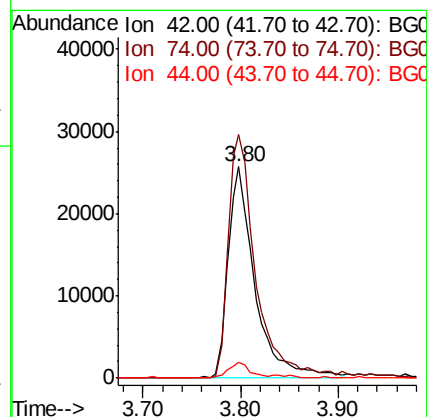
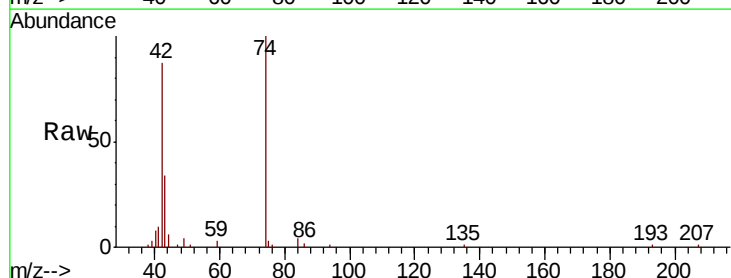
Tgt Ion: 42 Resp: 49068

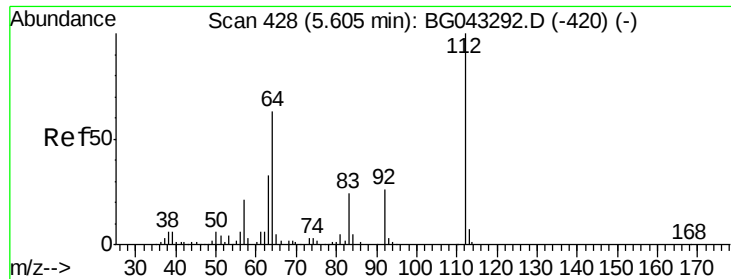
Ion Ratio Lower Upper

42 100

74 115.3 97.3 145.9

44 7.3 4.4 6.6#





#5

2-Fluorophenol

Concen: 79.512 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampled :

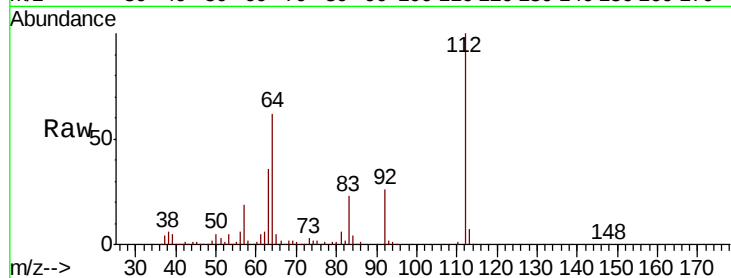
Tot Ion:112 Resp: 208890

Ion Ratio Lower Upper

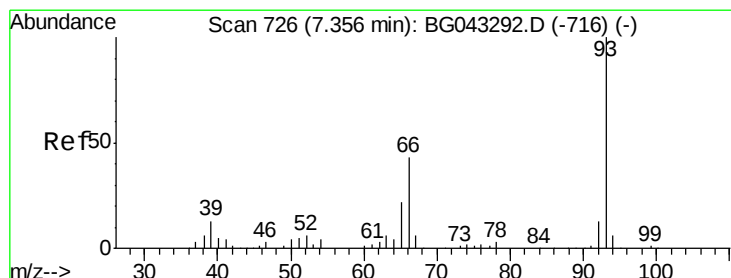
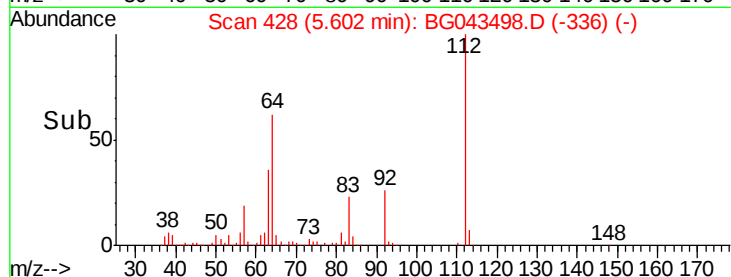
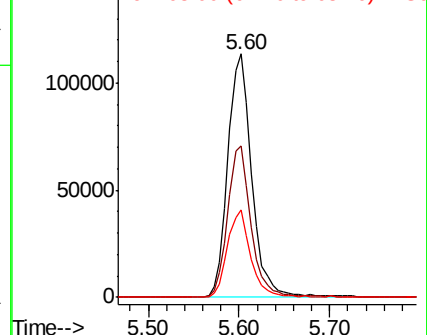
112 100

64 62.3 50.0 75.0

63 35.8 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.575 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

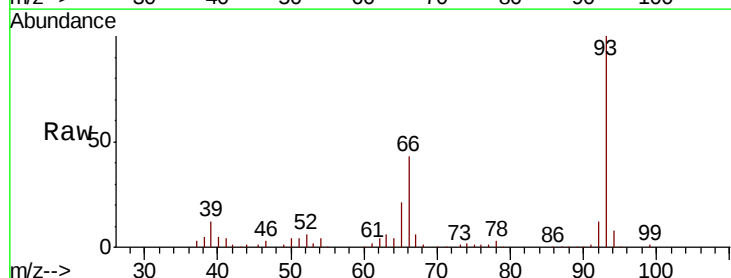
Tgt Ion: 93 Resp: 163611

Ion Ratio Lower Upper

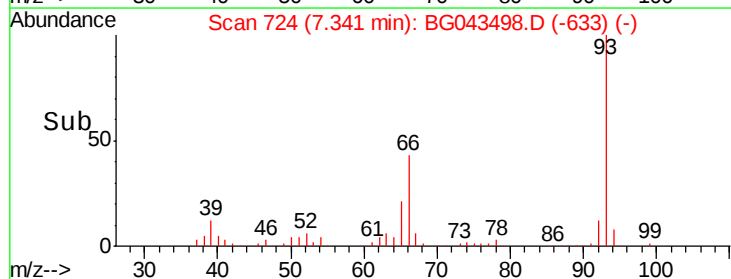
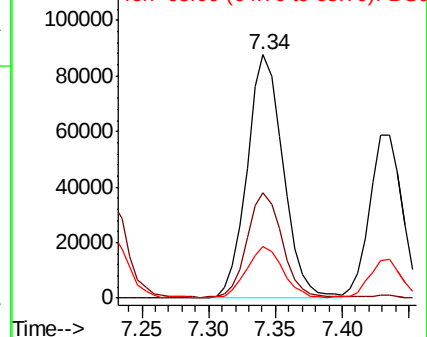
93 100

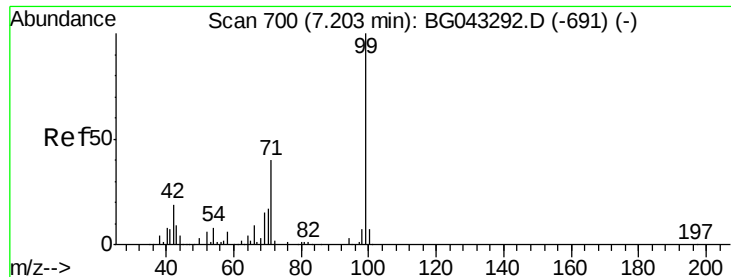
66 43.5 32.3 48.5

65 21.2 16.1 24.1



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: 77.245 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampleId :

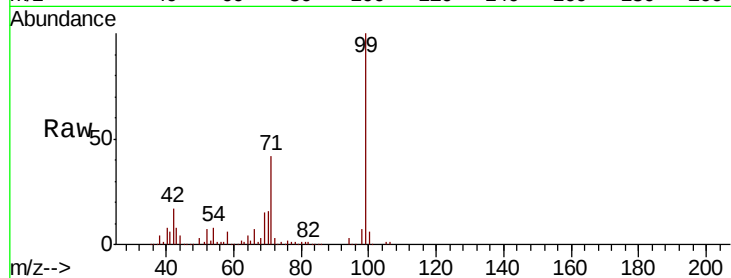
Tot Ion: 99 Resp: 291972

Ion Ratio Lower Upper

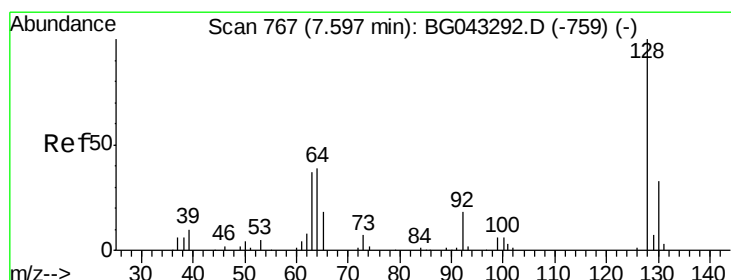
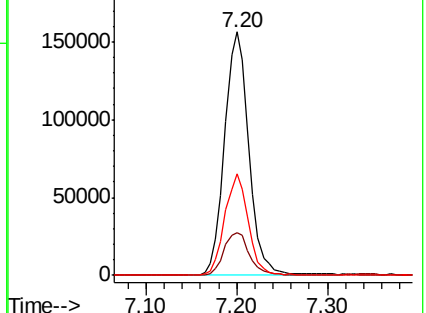
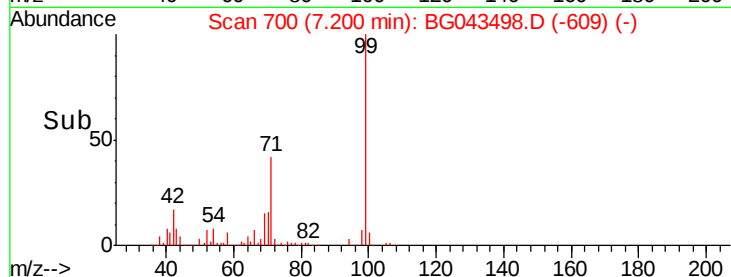
99 100

42 17.5 14.6 21.8

71 41.7 32.5 48.7



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.994 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

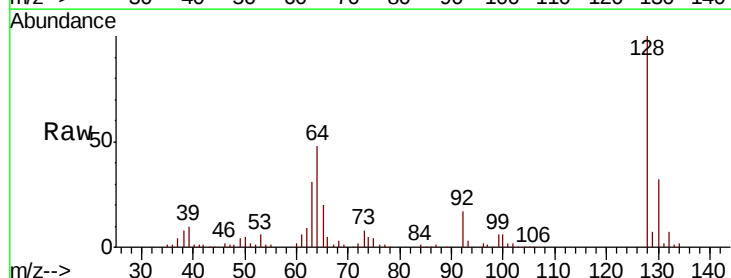
Tgt Ion: 128 Resp: 113084

Ion Ratio Lower Upper

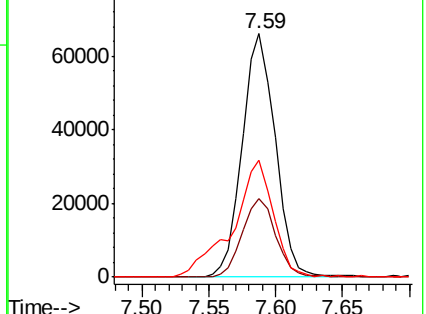
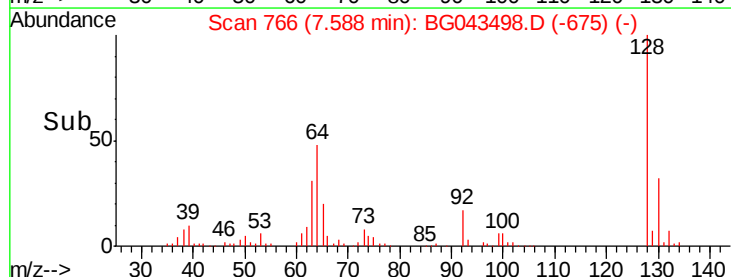
128 100

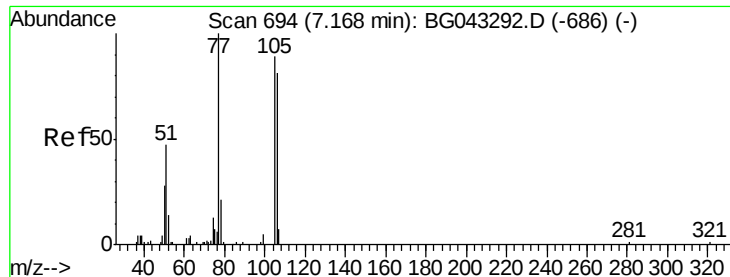
130 32.0 12.5 52.5

64 47.8 25.3 65.3



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





#9

Benzaldehyde

Concen: 41.496 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampled :

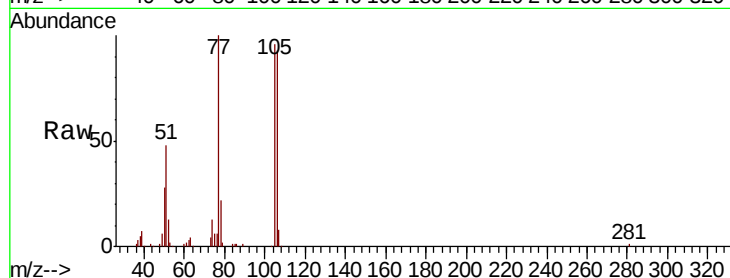
Tot Ion: 77 Resp: 77082

Ion Ratio Lower Upper

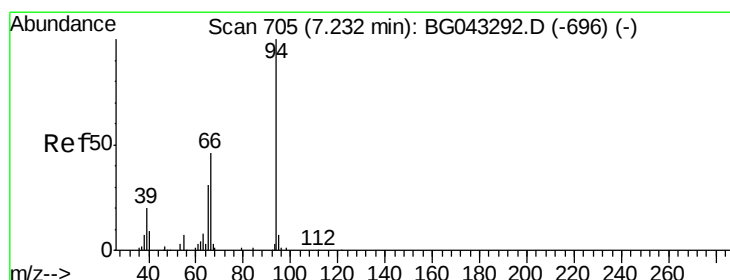
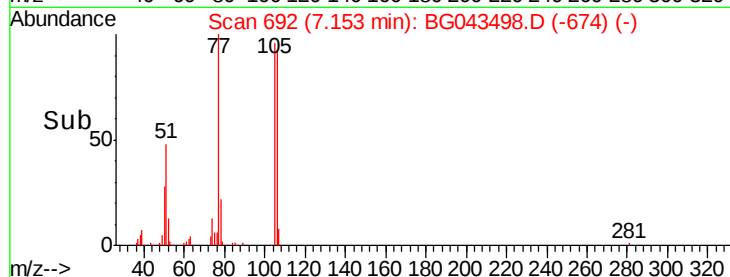
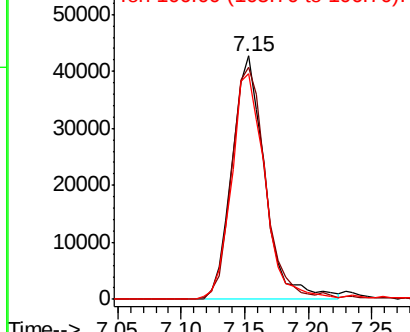
77 100

105 95.5 68.6 108.6

106 93.0 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.125 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

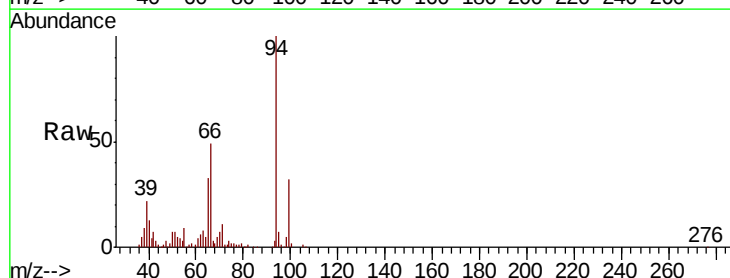
Tgt Ion: 94 Resp: 131683

Ion Ratio Lower Upper

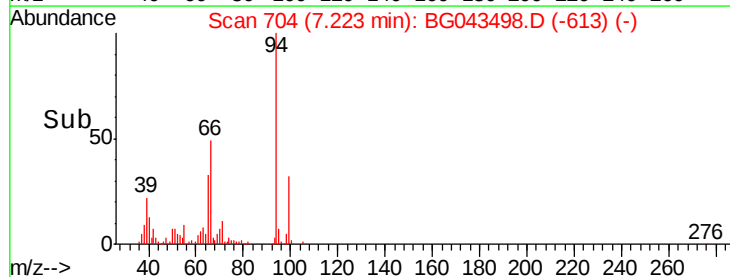
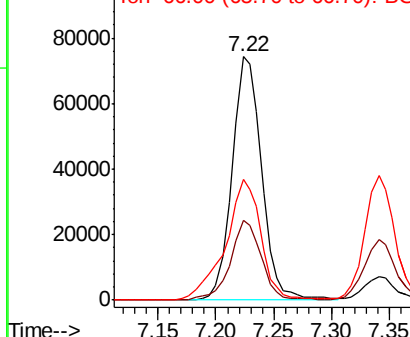
94 100

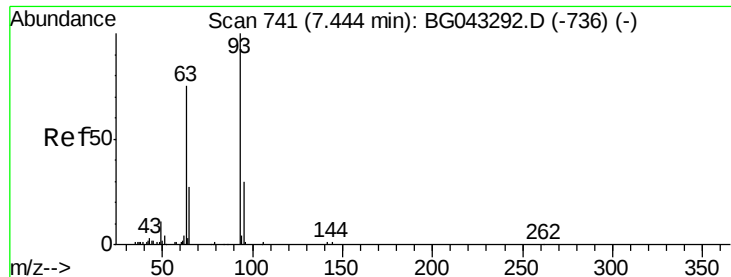
65 32.6 12.6 52.6

66 49.4 30.7 70.7



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

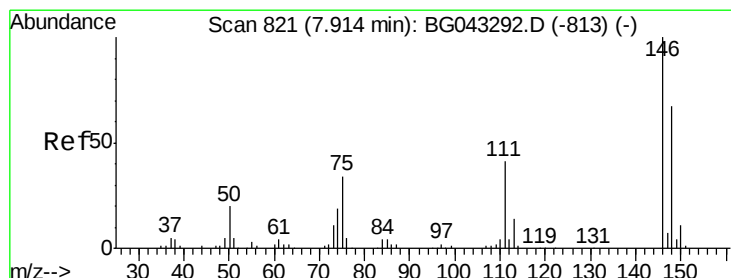
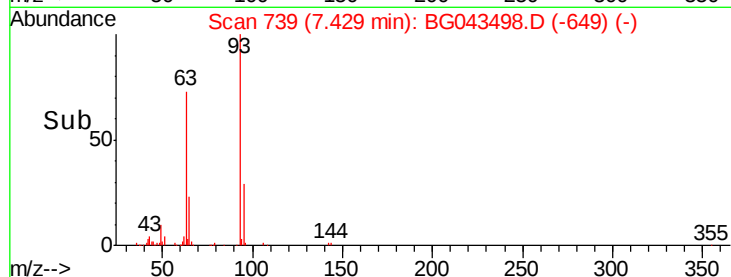
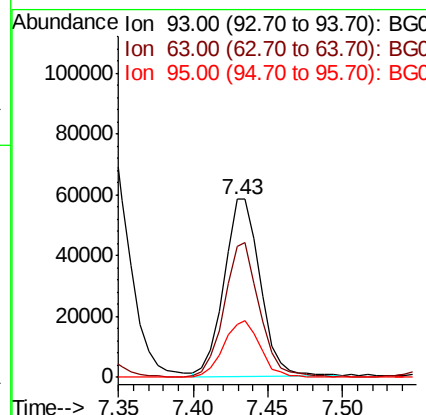
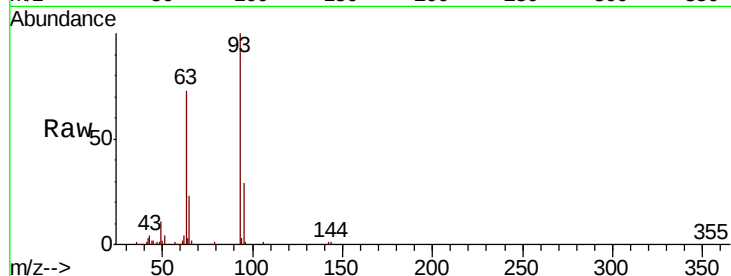




#11  
 bis(2-Chloroethyl)ether  
 Concen: 36.876 ng  
 RT: 7.43 min Scan# 739  
 Delta R.T. -0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

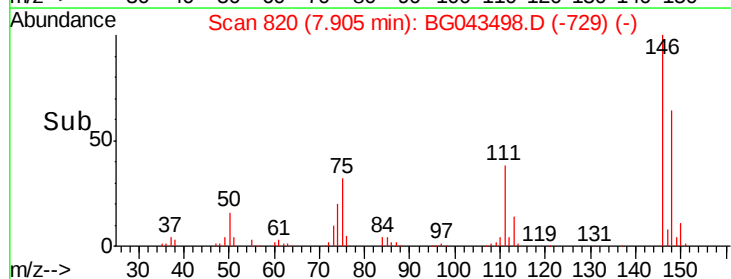
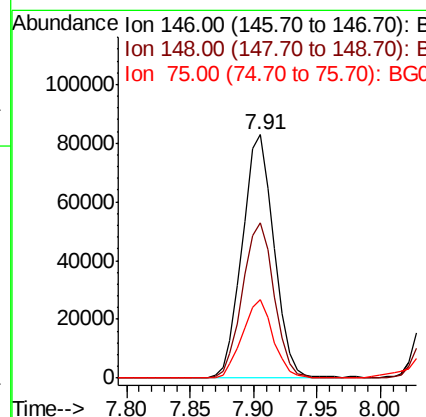
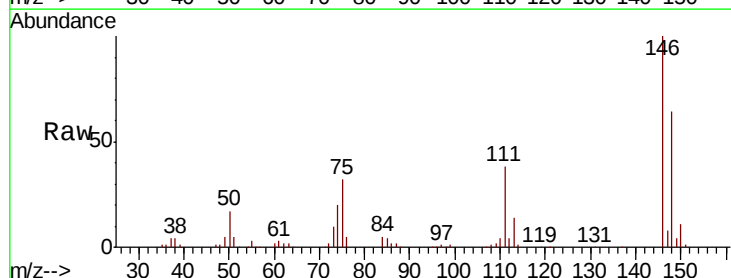
Instrument :  
 BNA\_G  
 ClientSampled :

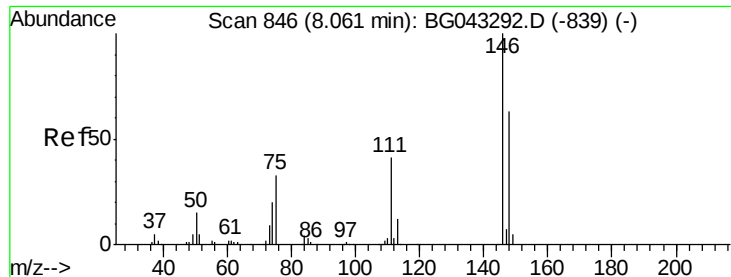
Tot Ion: 93 Resp: 98476  
 Ion Ratio Lower Upper  
 93 100  
 63 73.1 56.3 96.3  
 95 29.4 12.2 52.2



#12  
 1,3-Dichlorobenzene  
 Concen: 39.741 ng  
 RT: 7.91 min Scan# 820  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Tgt Ion: 146 Resp: 144401  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 50.3 75.5  
 75 32.1 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 38.645 ng

RT: 8.05 min Scan# 845

Delta R.T. 0.01 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampleId :

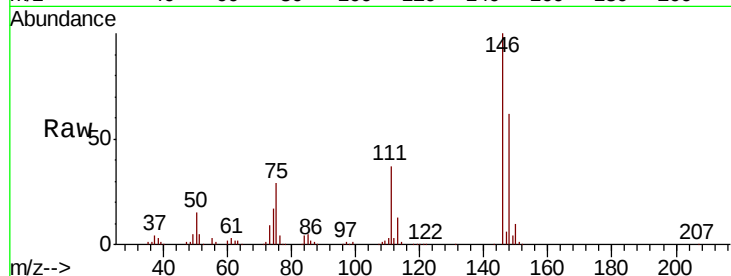
Tot Ion:146 Resp: 142070

Ion Ratio Lower Upper

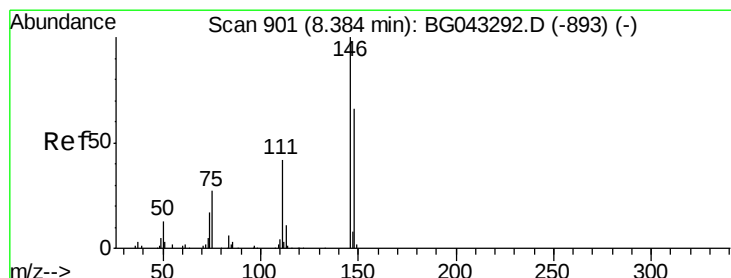
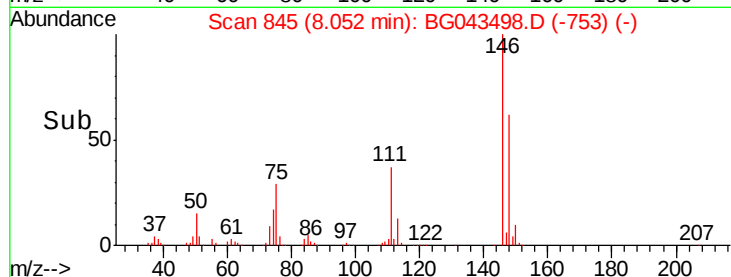
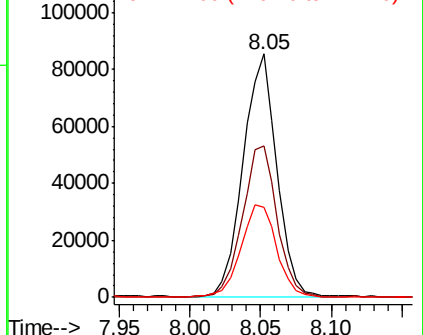
146 100

148 62.3 50.7 76.1

111 36.9 33.4 50.2



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: 37.986 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

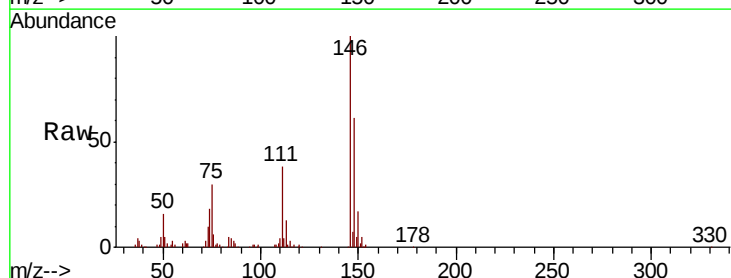
Tgt Ion:146 Resp: 136350

Ion Ratio Lower Upper

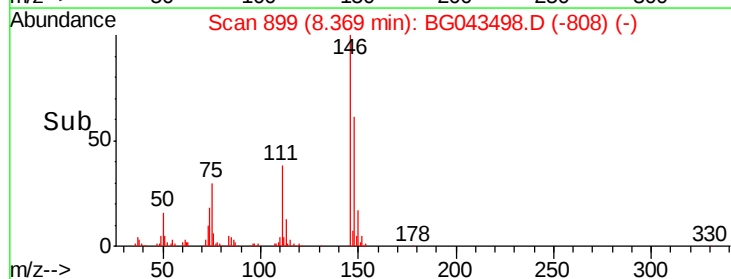
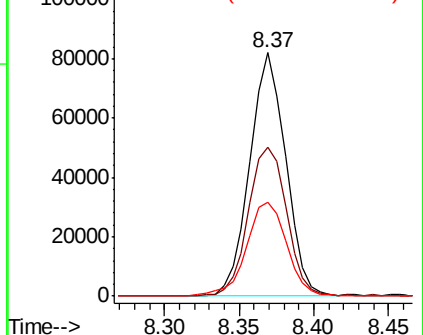
146 100

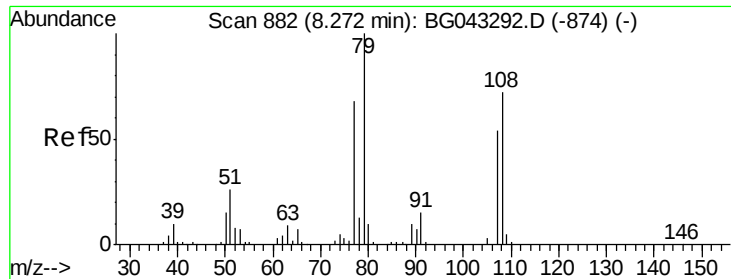
148 61.2 53.2 79.8

111 38.4 35.8 53.6



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

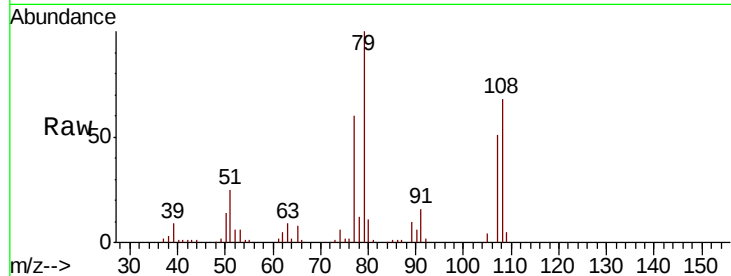




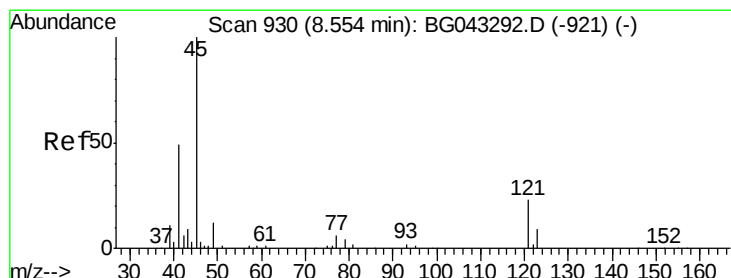
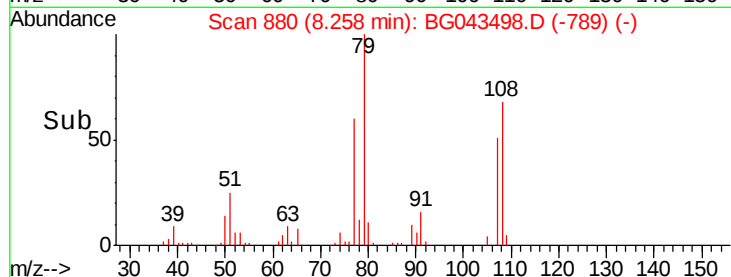
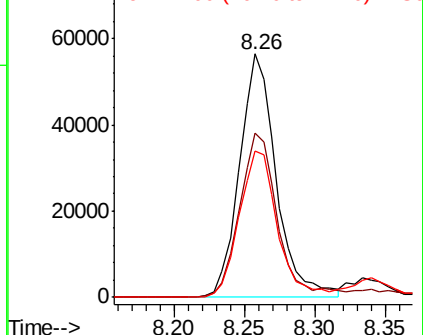
#15  
Benzyl Alcohol  
Concen: 38.645 ng  
RT: 8.26 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 79 Resp: 102588  
Ion Ratio Lower Upper  
79 100  
108 67.6 53.6 80.4  
77 59.9 49.6 74.4

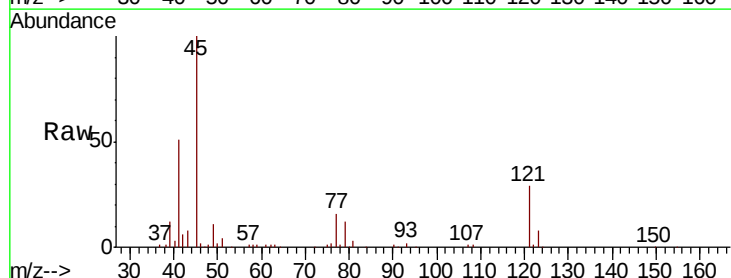


Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC

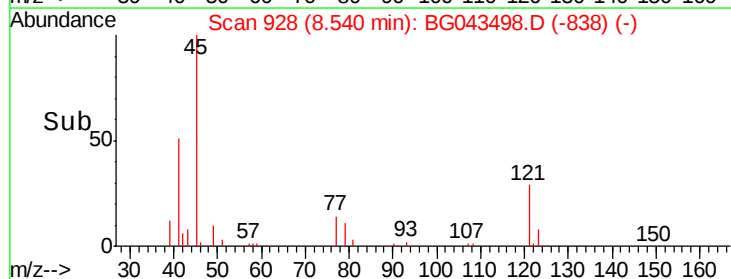
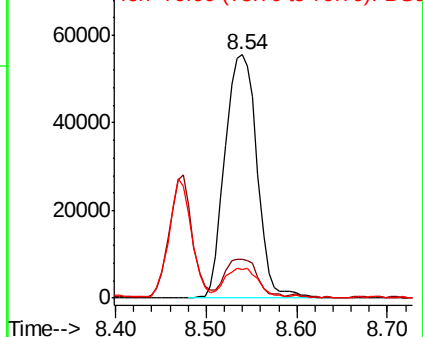


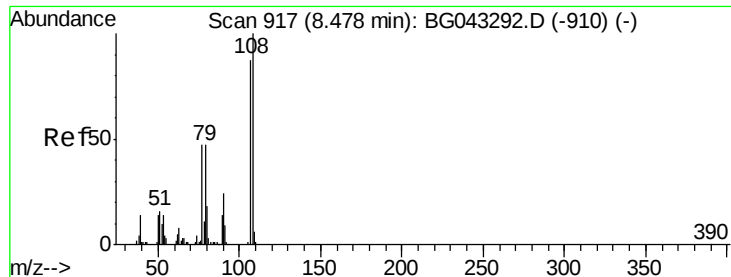
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.213 ng  
RT: 8.54 min Scan# 928  
Delta R.T. -0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Tgt Ion: 45 Resp: 136732  
Ion Ratio Lower Upper  
45 100  
77 15.9 0.0 34.9  
79 11.7 0.0 33.0



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

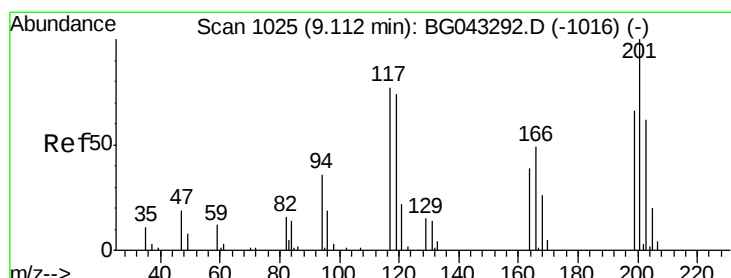
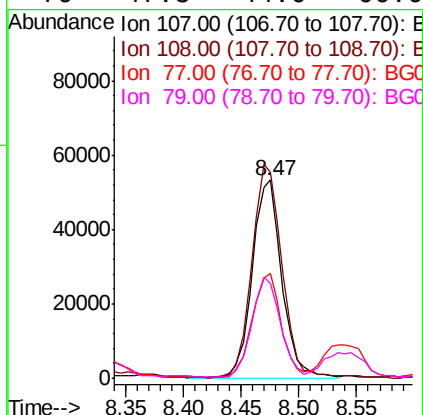
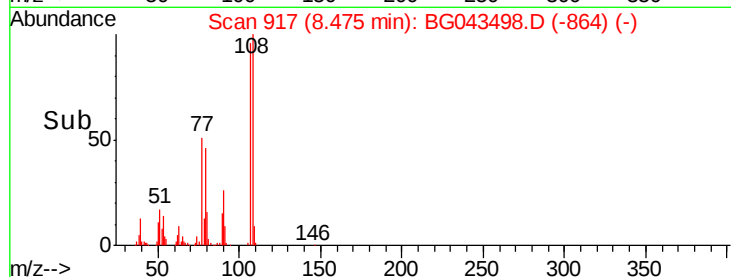
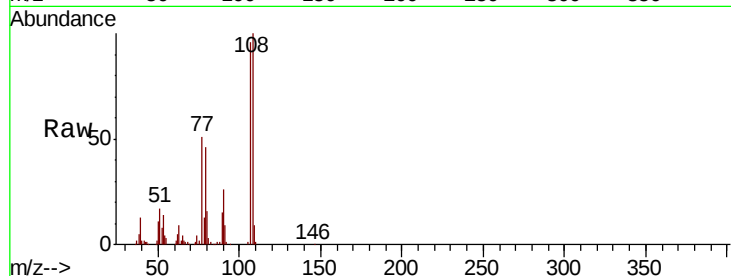




#17  
2-Methylphenol  
Concen: 37.886 ng  
RT: 8.47 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

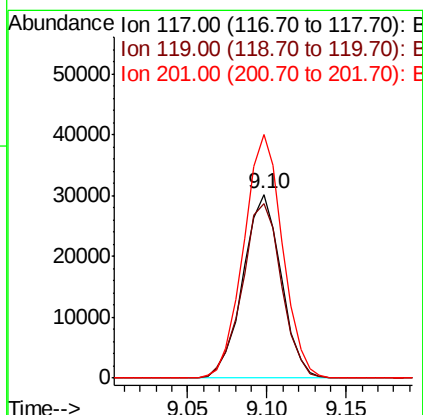
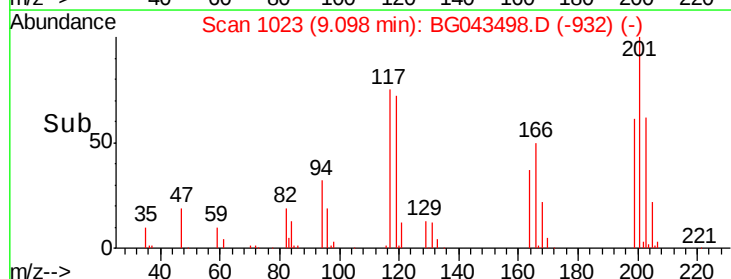
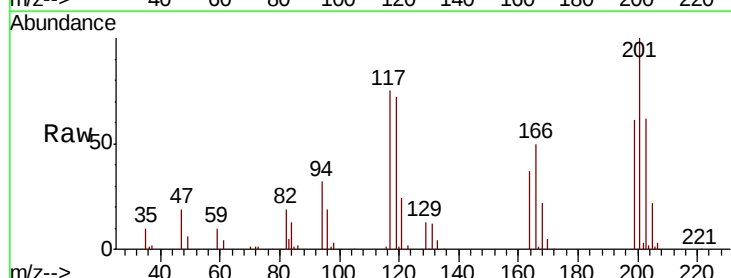
Instrument :  
BNA\_G  
ClientSampleId :

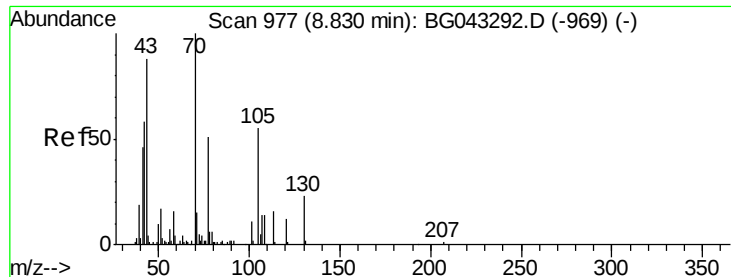
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 95395 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 104.0 | 90.2  | 135.4 |
| 77       | 52.7  | 40.2  | 60.2  |
| 79       | 47.8  | 44.0  | 66.0  |



#18  
Hexachloroethane  
Concen: 38.078 ng  
RT: 9.10 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 50505 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.3  | 79.0  | 118.4 |
| 201      | 132.6 | 105.4 | 158.2 |

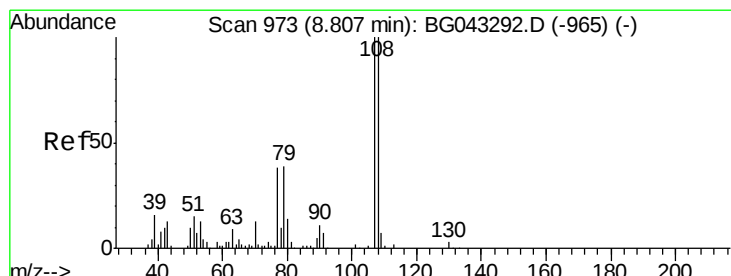
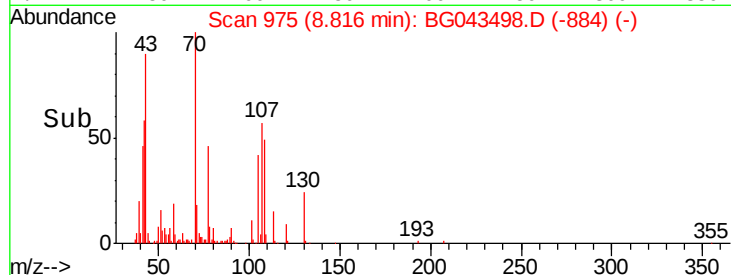
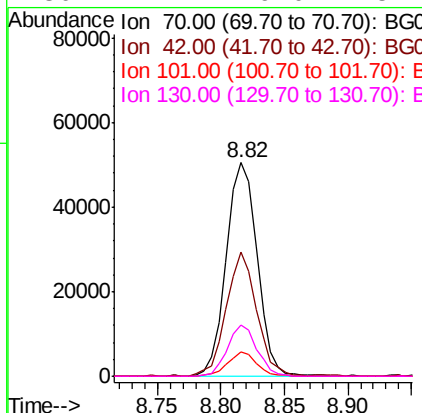
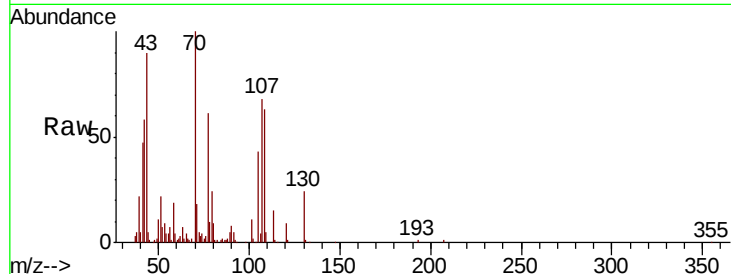




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.002 ng  
RT: 8.82 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

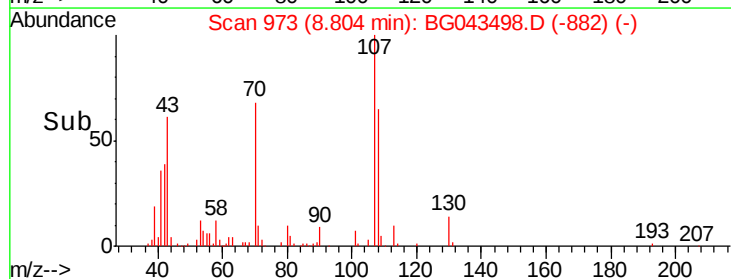
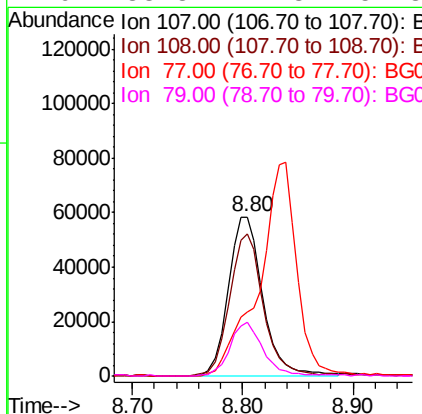
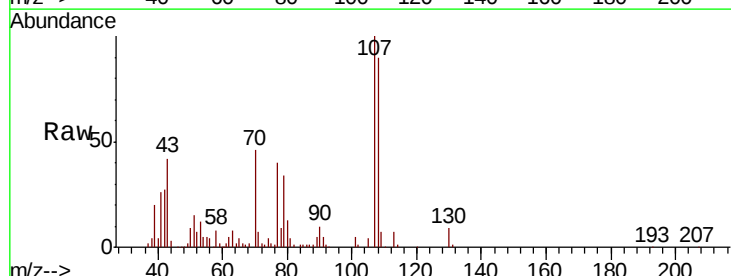
Instrument :  
BNA\_G  
ClientSampleId :

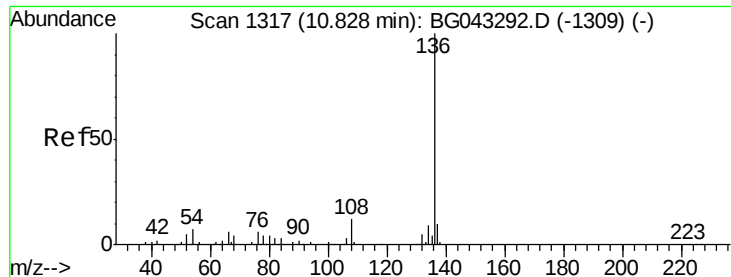
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 85490 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.9  | 41.4  | 62.2  |
| 101      | 11.2  | 7.9   | 11.9  |
| 130      | 24.2  | 19.0  | 28.4  |



#20  
3+4-Methylphenols  
Concen: 36.925 ng  
RT: 8.80 min Scan# 973  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 127494 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.6  | 66.6  | 106.6  |
| 77       | 40.1  | 20.9  | 60.9   |
| 79       | 33.8  | 11.3  | 51.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 180235

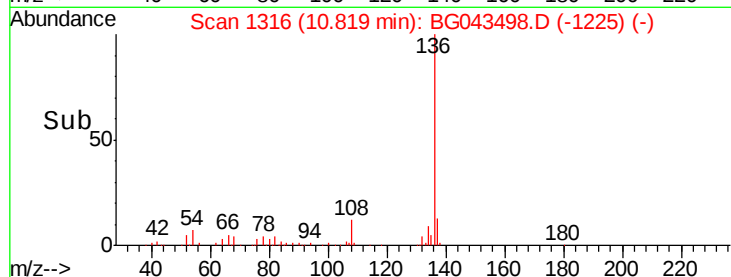
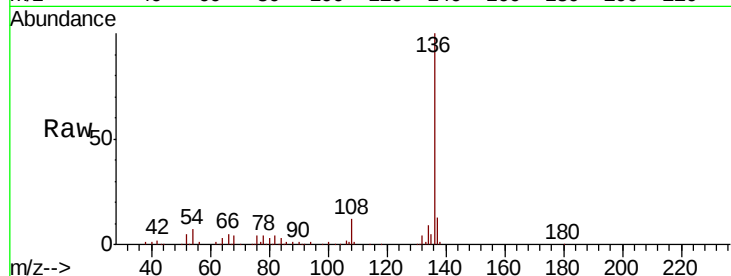
Ion Ratio Lower Upper

136 100

137 12.7 8.7 13.1

54 7.3 5.4 8.2

68 4.4 3.0 4.4

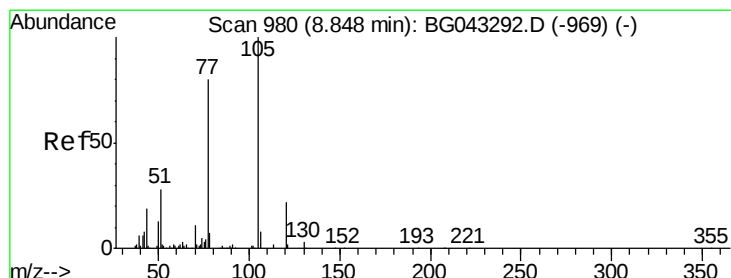
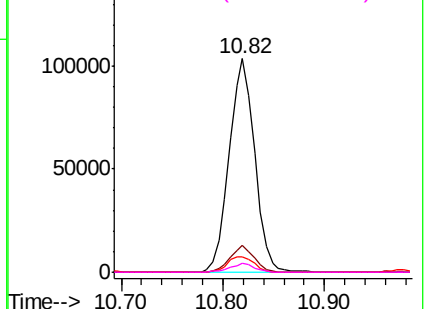


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.290 ng

RT: 8.84 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Tgt Ion:105 Resp: 181349

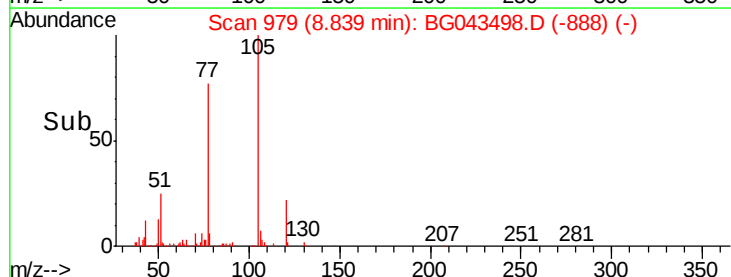
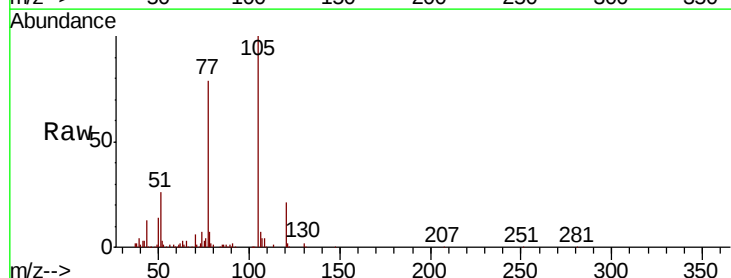
Ion Ratio Lower Upper

105 100

71 0.7 0.8 1.2#

51 25.7 21.0 31.4

120 21.5 18.0 27.0

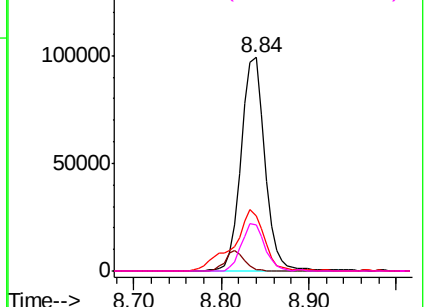


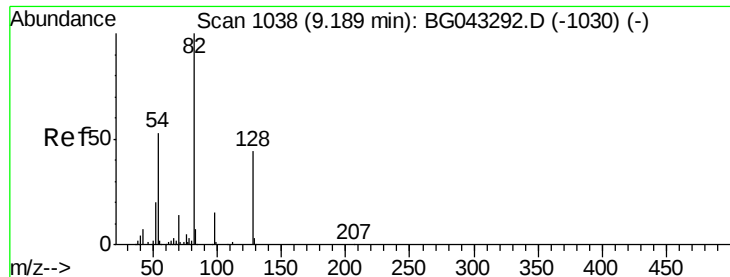
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

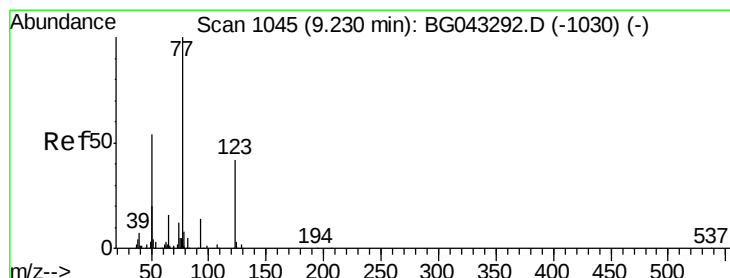
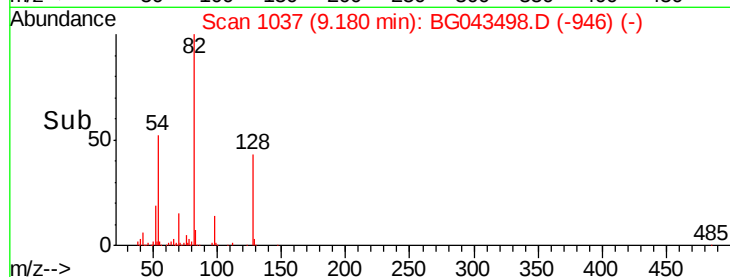
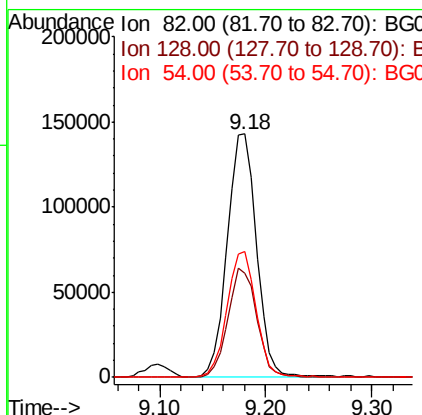
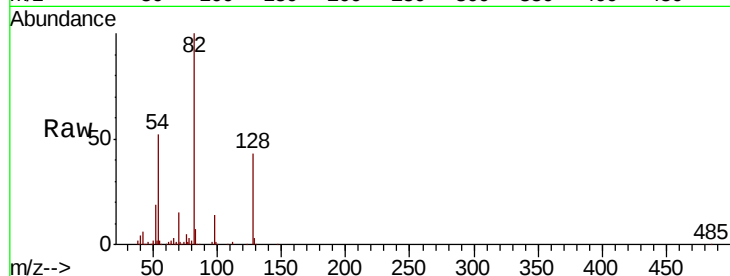




#23  
 Nitrobenzene-d5  
 Concen: 77.845 ng  
 RT: 9.18 min Scan# 1037  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

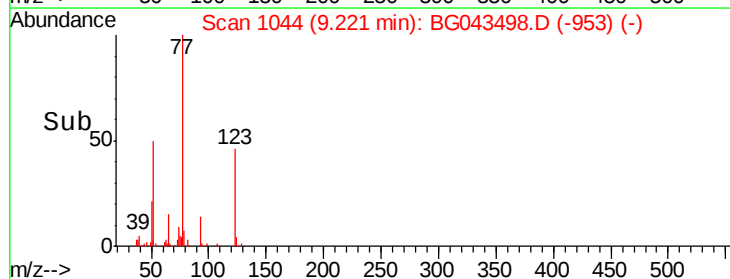
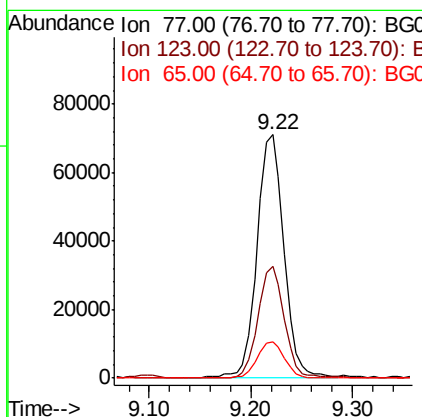
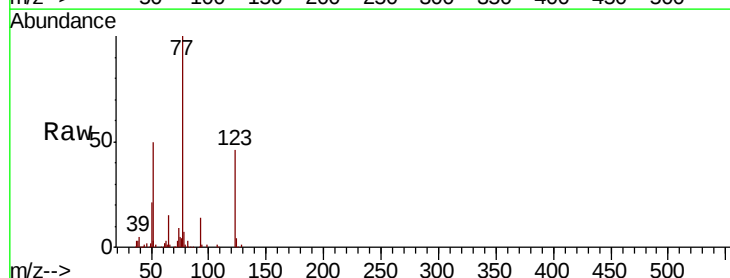
Instrument :  
 BNA\_G  
 ClientSampleId :

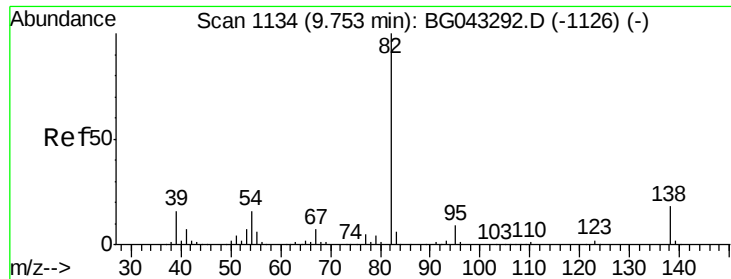
| Tot Ion   | 82    | Resp  | 272148 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.9  | 35.0  | 52.6   |
| 54        | 51.8  | 40.2  | 60.2   |



#24  
 Nitrobenzene  
 Concen: 39.397 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

| Tgt Ion   | 77    | Resp  | 131206 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 45.8  | 35.0  | 52.6   |
| 65        | 15.1  | 9.5   | 14.3#  |

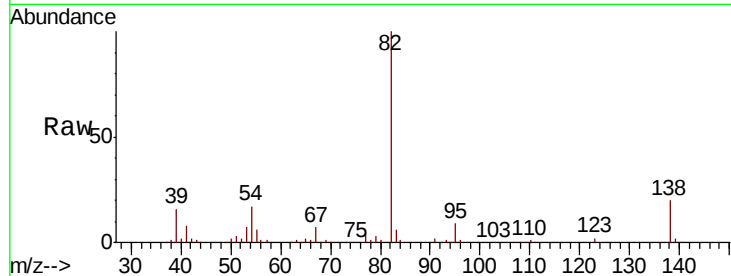




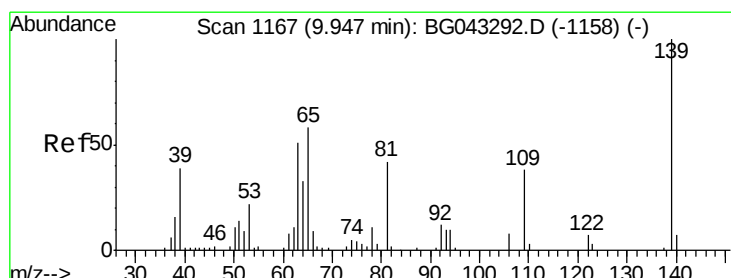
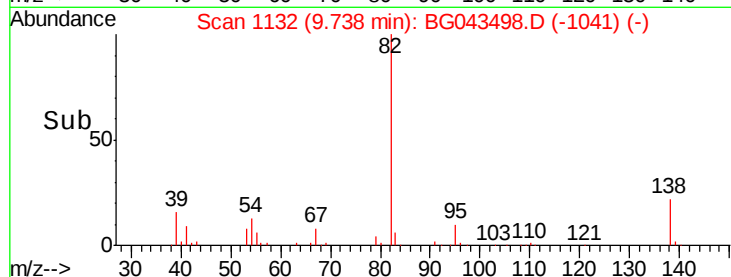
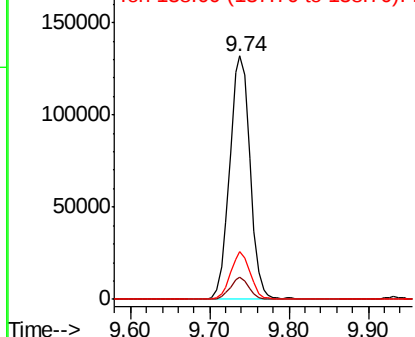
#25  
Isophorone  
Concen: 36.679 ng  
RT: 9.74 min Scan# 1132  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 82 Resp: 234442  
Ion Ratio Lower Upper  
82 100  
95 9.0 6.6 9.8  
138 19.8 15.2 22.8

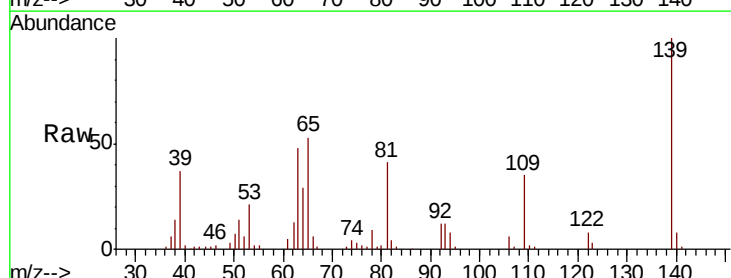


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC

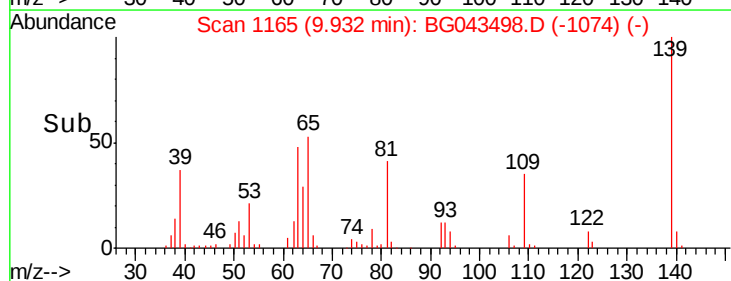
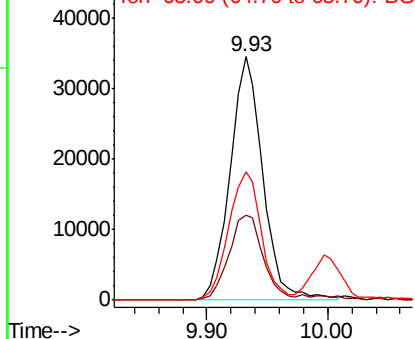


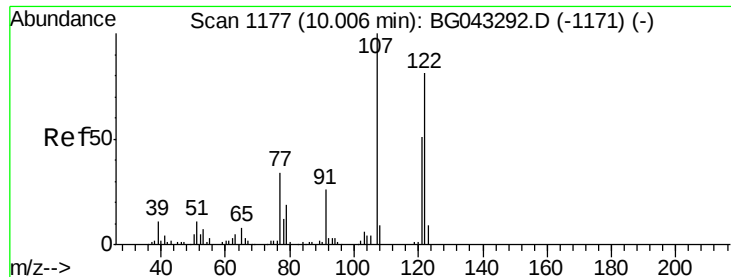
#26  
2-Nitrophenol  
Concen: 40.562 ng  
RT: 9.93 min Scan# 1165  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Tgt Ion: 139 Resp: 65217  
Ion Ratio Lower Upper  
139 100  
109 34.9 26.5 39.7  
65 52.7 43.8 65.8



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

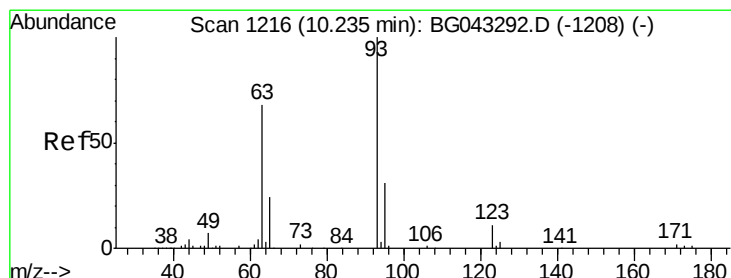
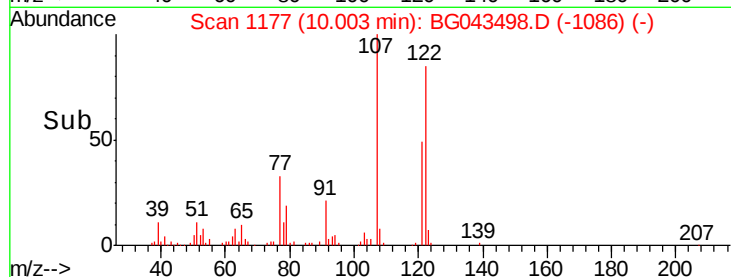
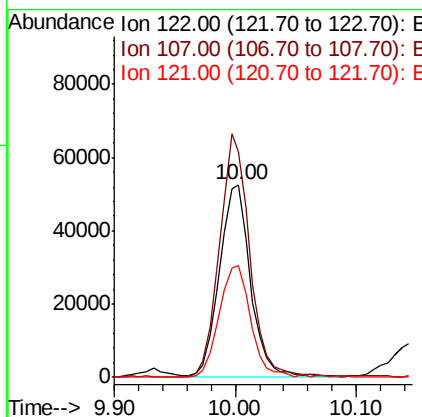
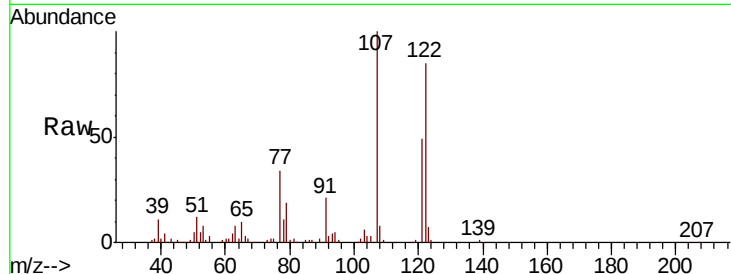




#27  
 2,4-Dimethylphenol  
 Concen: 40.188 ng  
 RT: 10.00 min Scan# 1177  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

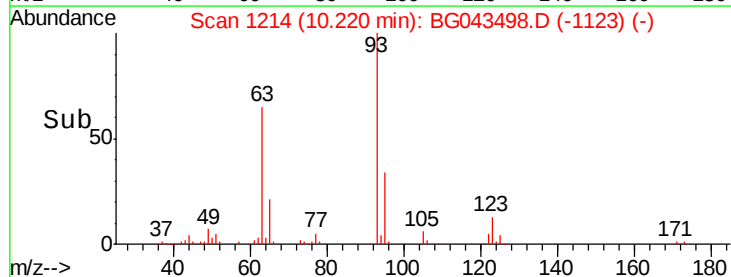
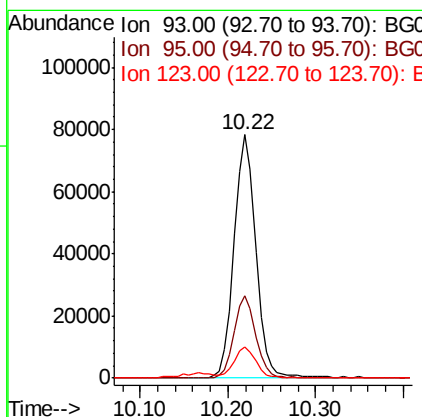
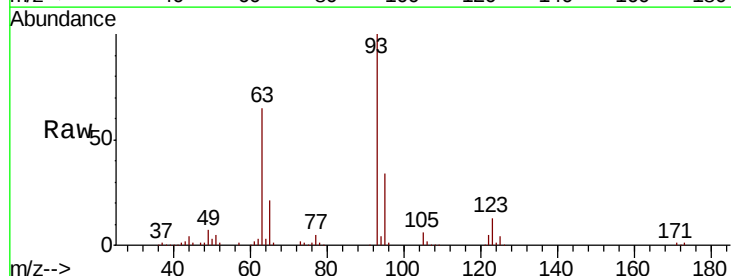
Instrument :  
 BNA\_G  
 ClientSampleId :

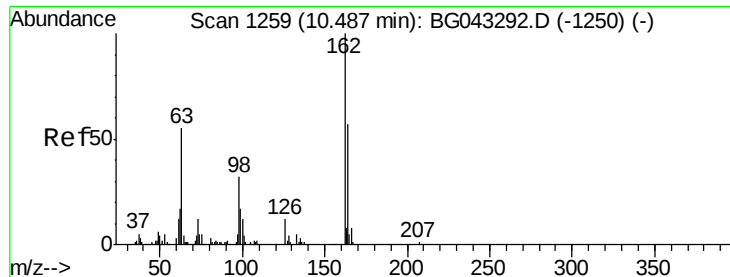
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.4 | 104.4 | 156.6 |
| 121     | 57.9  | 47.2  | 70.8  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.436 ng  
 RT: 10.22 min Scan# 1214  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.8  | 26.0  | 39.0  |
| 123     | 12.8  | 10.6  | 15.8  |

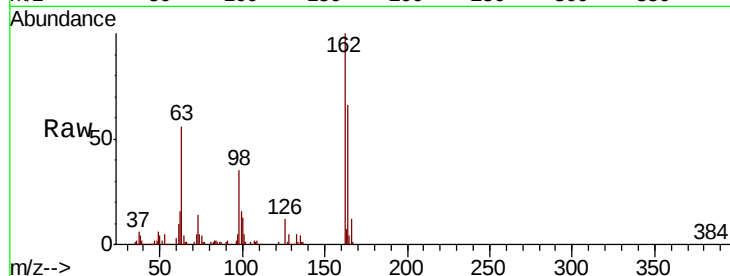




#29  
 2,4-Dichlorophenol  
 Concen: 41.616 ng  
 RT: 10.48 min Scan# 1258  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.9  | 48.9  | 88.9  |
| 98      | 34.9  | 15.1  | 55.1  |

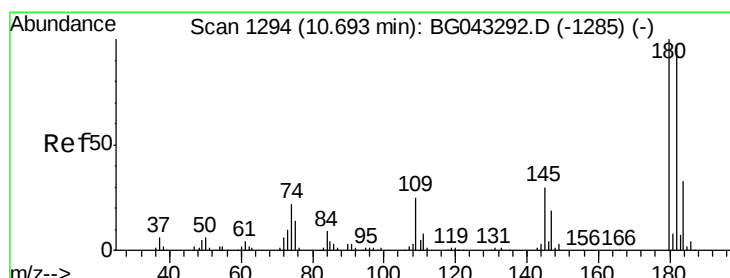
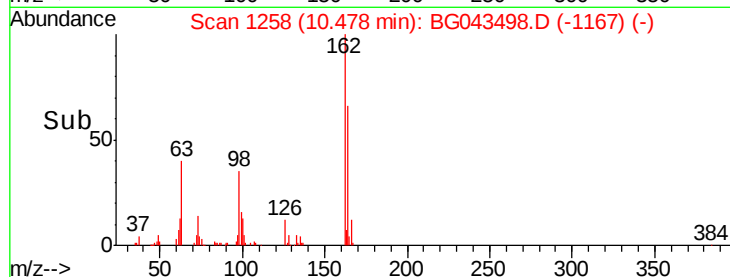
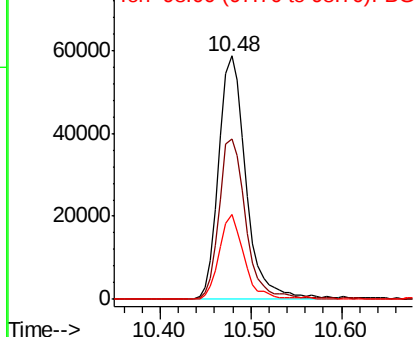


Abundance

Ion 162.00 (161.70 to 162.70): E

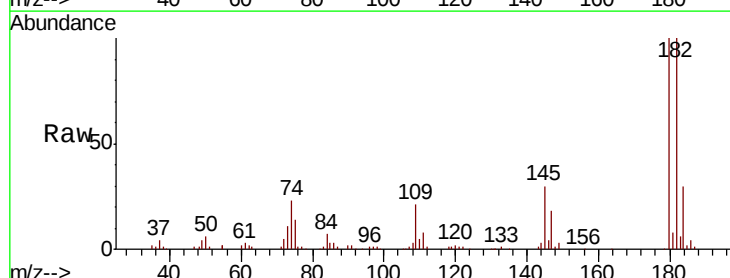
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.879 ng  
 RT: 10.68 min Scan# 1293  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.7  | 75.1  | 112.7 |
| 145     | 30.0  | 23.9  | 35.9  |

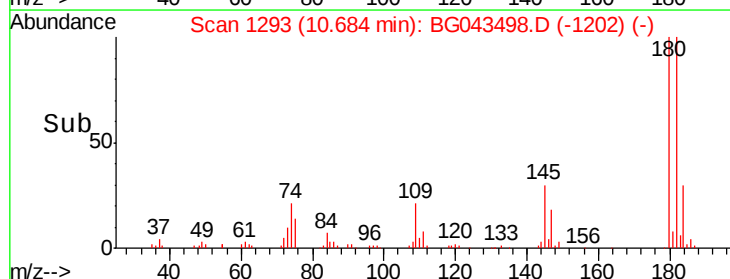
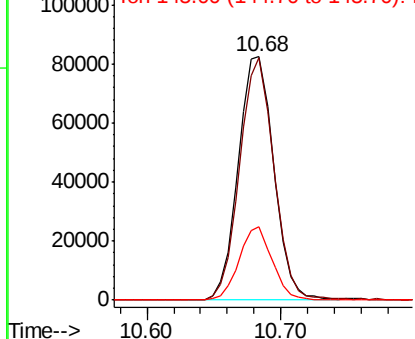


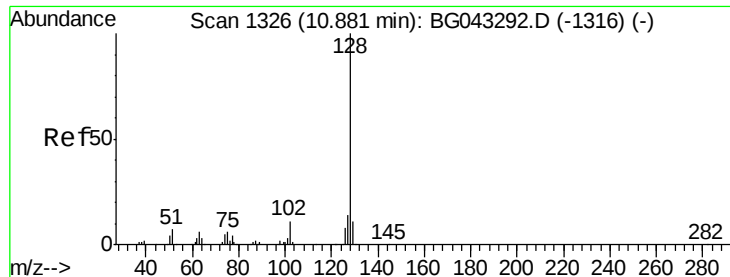
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

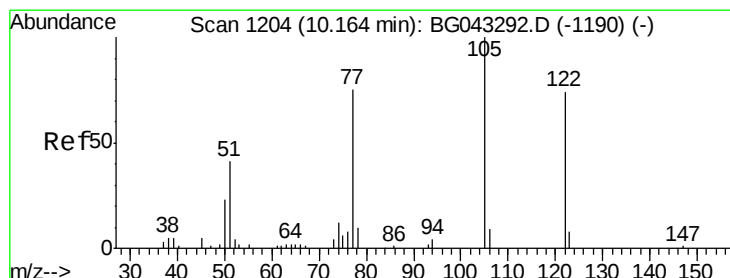
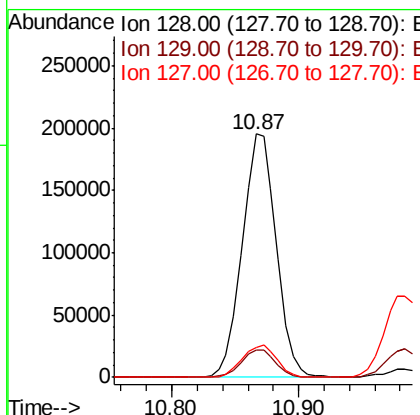
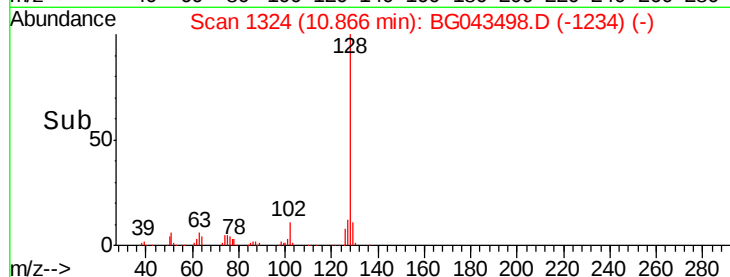
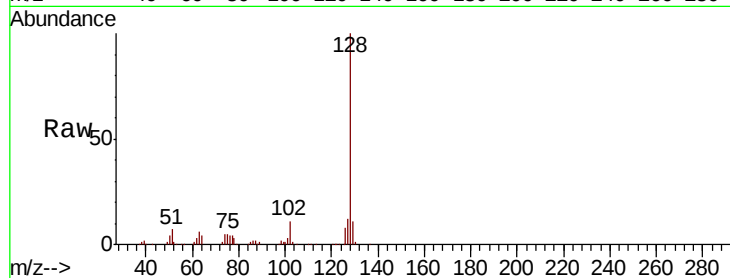




#31  
Naphthalene  
Concen: 39.727 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

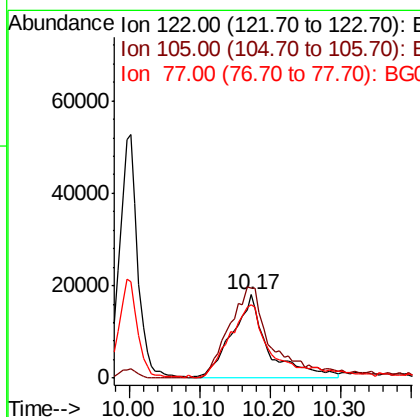
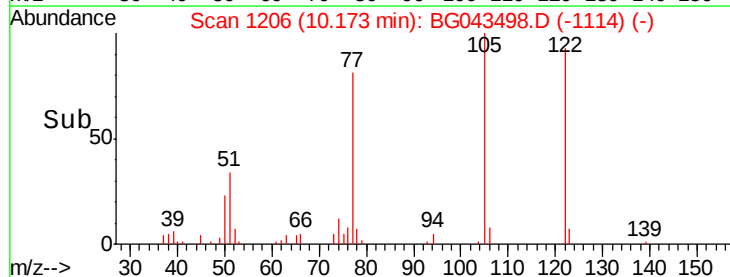
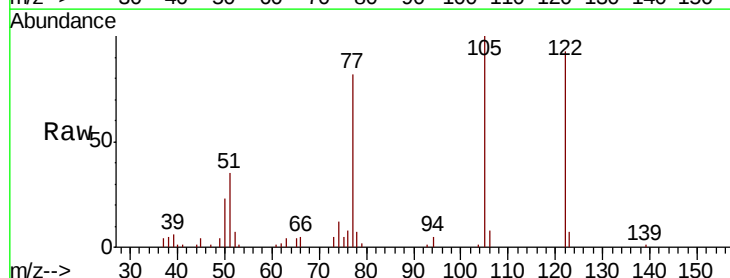
Instrument :  
BNA\_G  
ClientSampled :

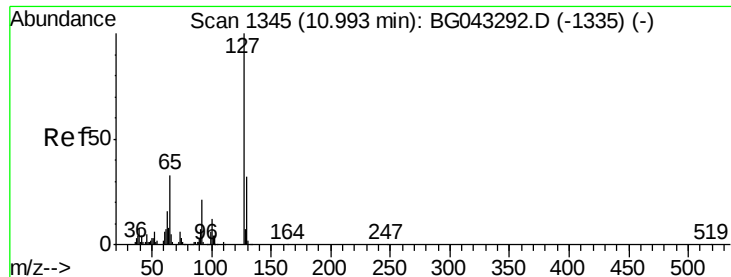
Tot Ion:128 Resp: 363450  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.4 14.0  
127 12.4 11.1 16.7



#32  
Benzoic acid  
Concen: 37.708 ng  
RT: 10.17 min Scan# 1206  
Delta R.T. 0.01 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Tgt Ion:122 Resp: 62144  
Ion Ratio Lower Upper  
122 100  
105 107.8 103.3 143.3  
77 88.0 84.9 124.9





#33

4-Chloroaniline

Concen: 40.048 ng

RT: 10.98 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampled :

Tot Ion:127 Resp: 150184

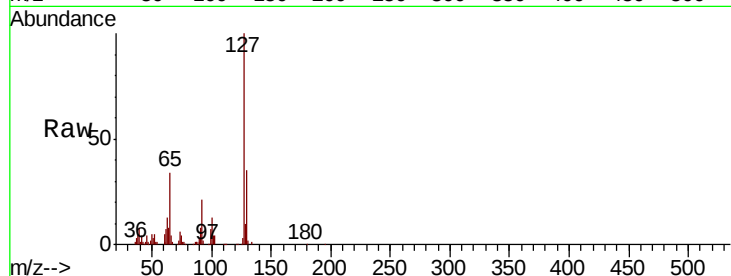
Ion Ratio Lower Upper

127 100

129 35.2 26.5 39.7

65 34.1 26.4 39.6

92 20.8 16.2 24.2

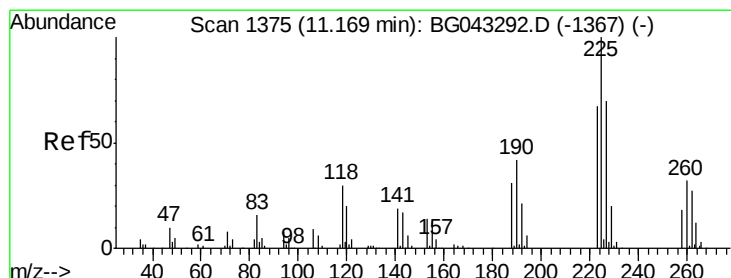
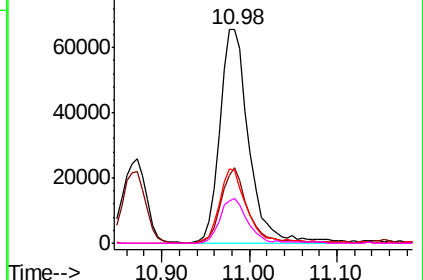
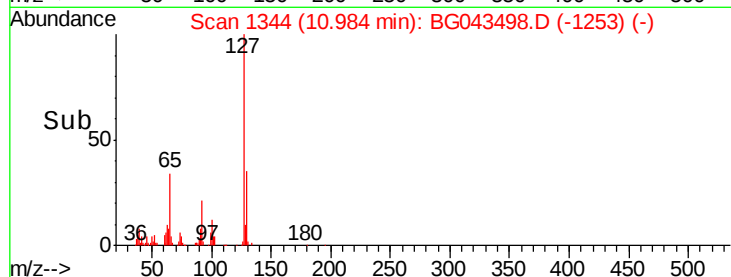


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34

Hexachlorobutadiene

Concen: 40.131 ng

RT: 11.15 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

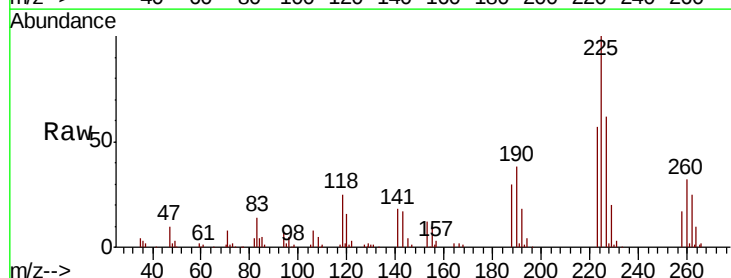
Tgt Ion:225 Resp: 110398

Ion Ratio Lower Upper

225 100

223 56.9 52.7 79.1

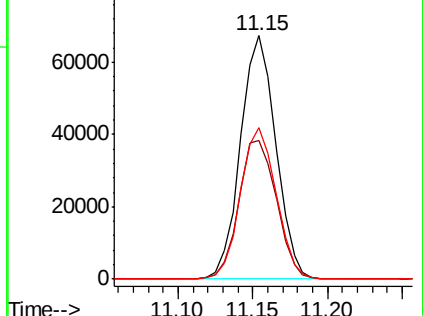
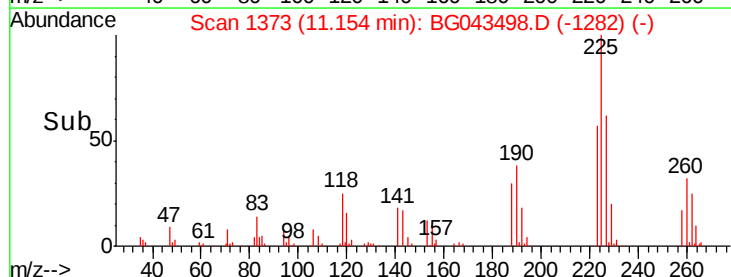
227 62.0 54.8 82.2

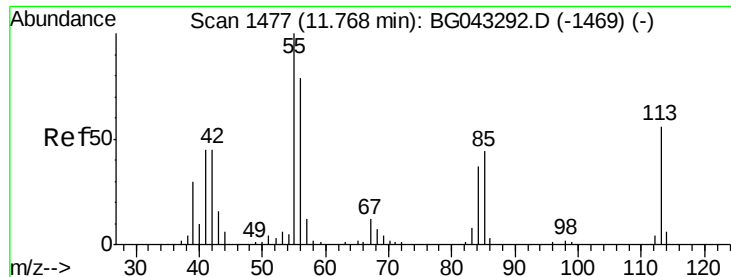


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

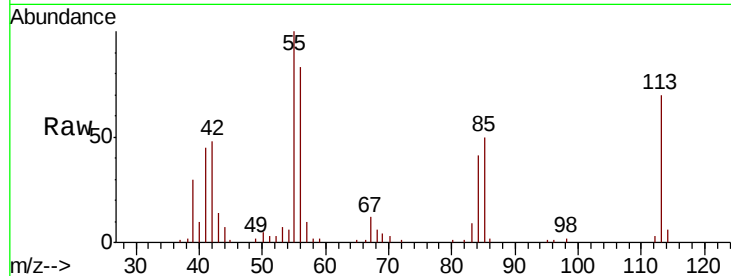




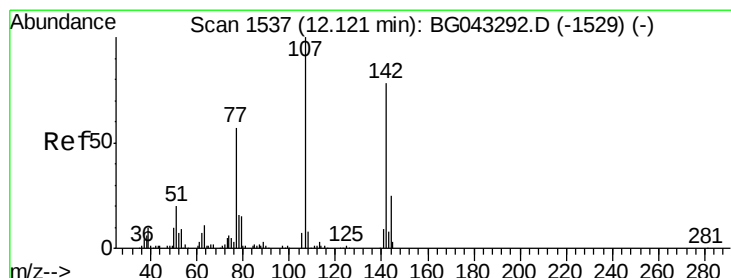
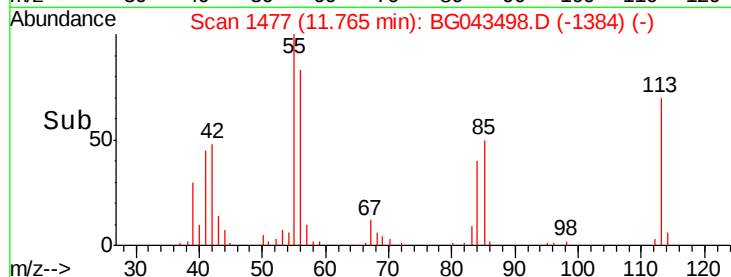
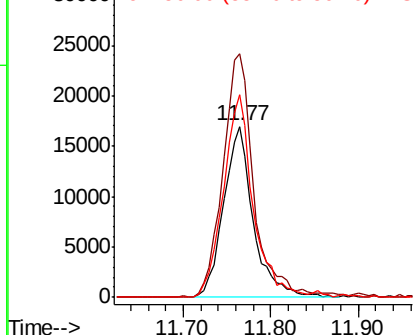
#35  
 Caprolactam  
 Concen: 38.700 ng  
 RT: 11.77 min Scan# 1477  
 Delta R.T. 0.02 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:113 Resp: 39354  
 Ion Ratio Lower Upper  
 113 100  
 55 142.7 134.1 174.1  
 56 118.8 100.4 140.4

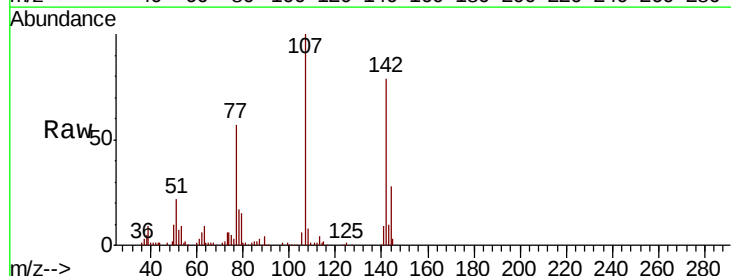


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BG  
 Ion 56.00 (55.70 to 56.70): BG

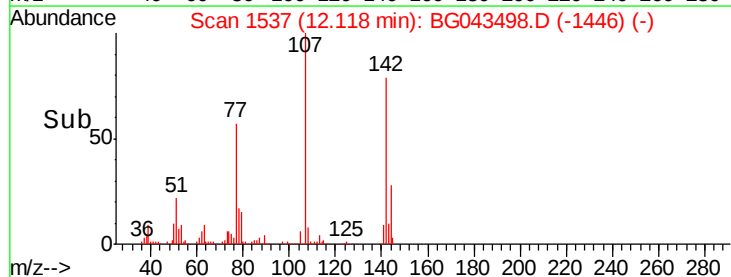
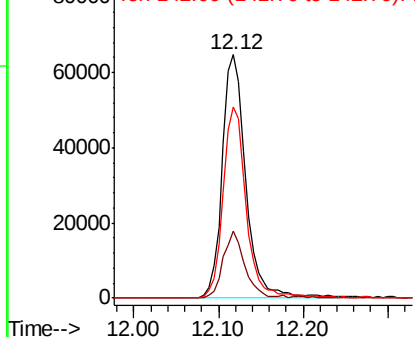


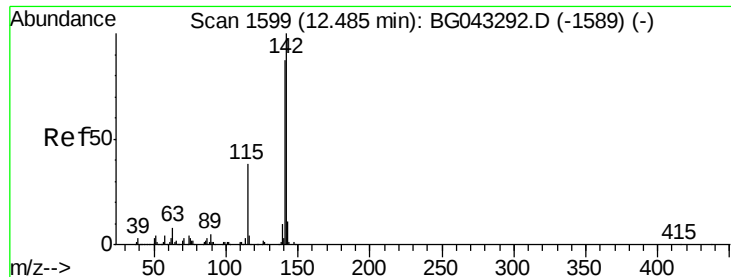
#36  
 4-Chloro-3-methylphenol  
 Concen: 38.889 ng  
 RT: 12.12 min Scan# 1537  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Tgt Ion:107 Resp: 125250  
 Ion Ratio Lower Upper  
 107 100  
 144 27.5 20.9 31.3  
 142 78.7 59.6 89.4



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

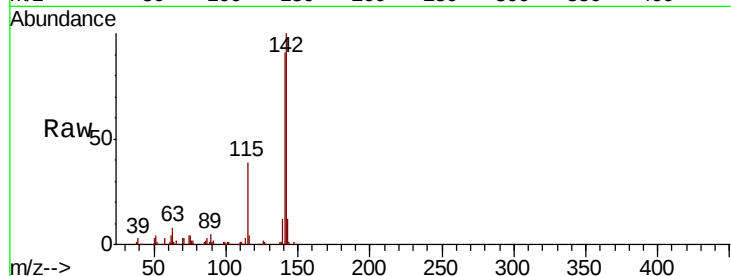




#37  
2-Methylnaphthalene  
Concen: 38.588 ng  
RT: 12.47 min Scan# 1597  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 72.2  | 108.2 |
| 115     | 39.3  | 33.2  | 49.8  |

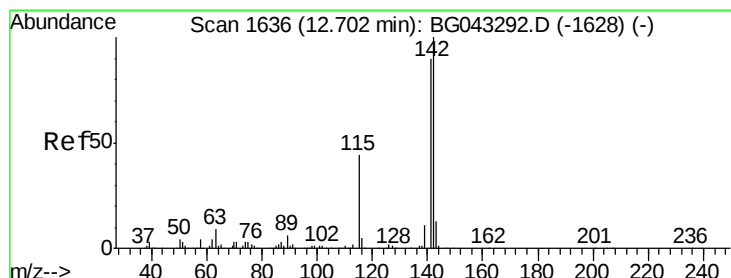
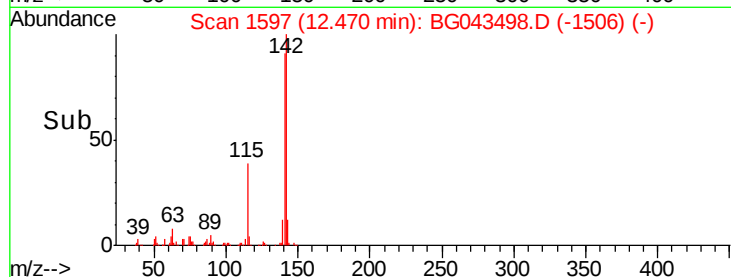
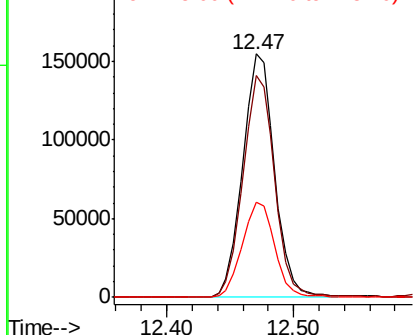


Abundance

Ion 142.00 (141.70 to 142.70): E

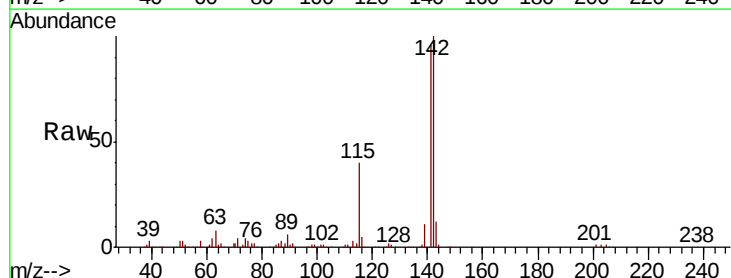
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 38.651 ng  
RT: 12.69 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.9  | 73.2  | 109.8 |
| 116     | 4.6   | 3.6   | 5.4   |

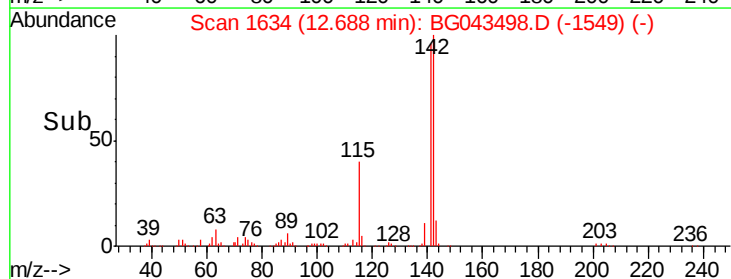
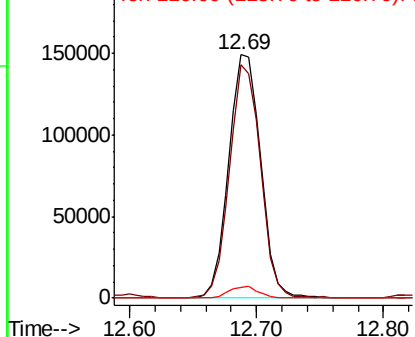


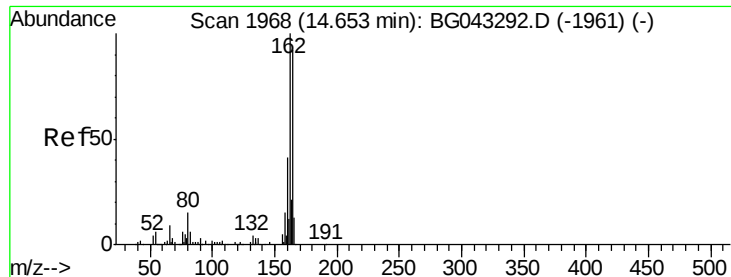
Abundance

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: 14.64 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampled :

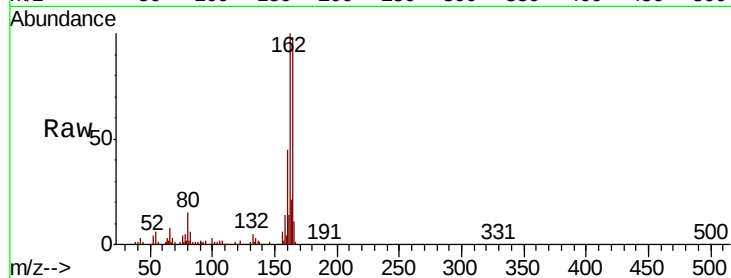
Tot Ion:164 Resp: 126192

Ion Ratio Lower Upper

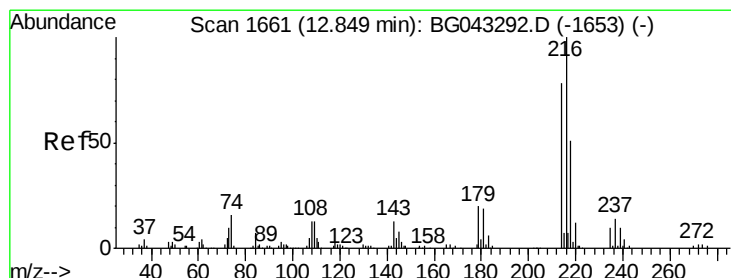
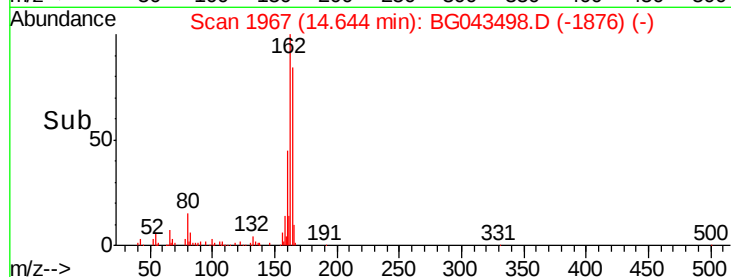
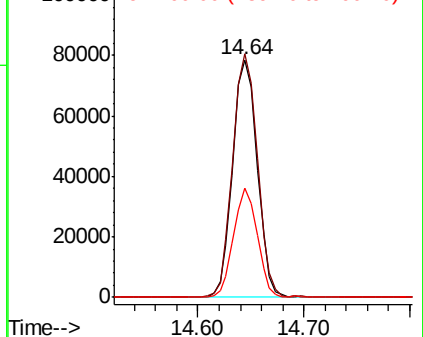
164 100

162 102.4 83.5 125.3

160 46.0 36.5 54.7



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: 41.040 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Tgt Ion:216 Resp: 191663

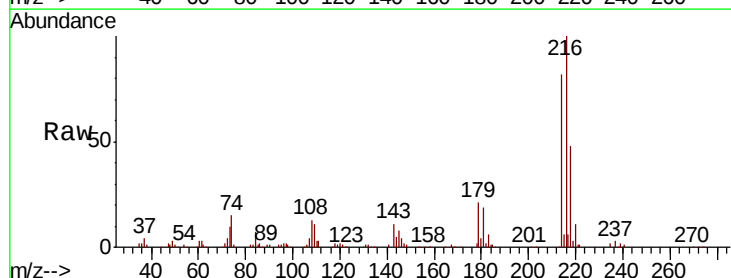
Ion Ratio Lower Upper

216 100

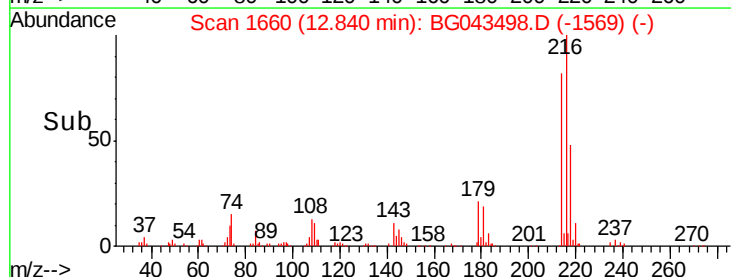
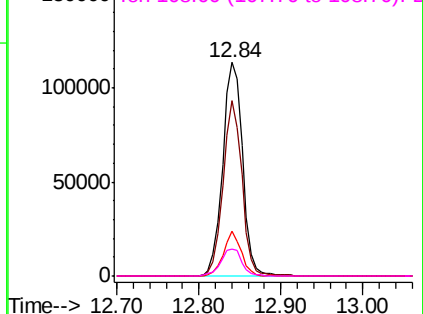
214 77.7 61.7 92.5

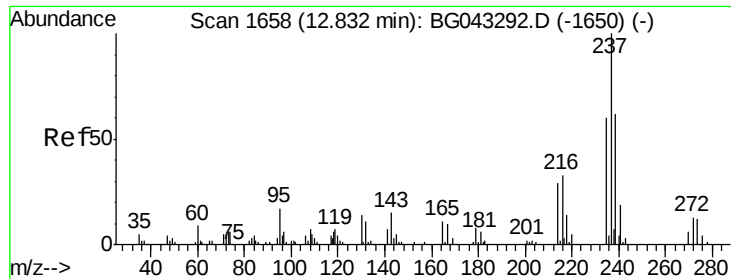
179 18.9 15.8 23.8

108 13.5 11.5 17.3



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

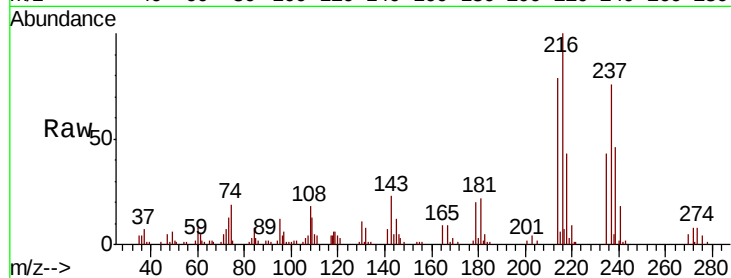




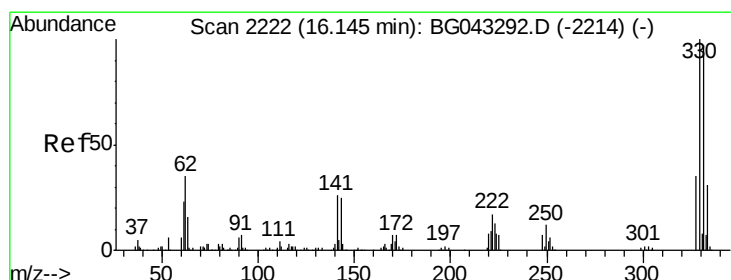
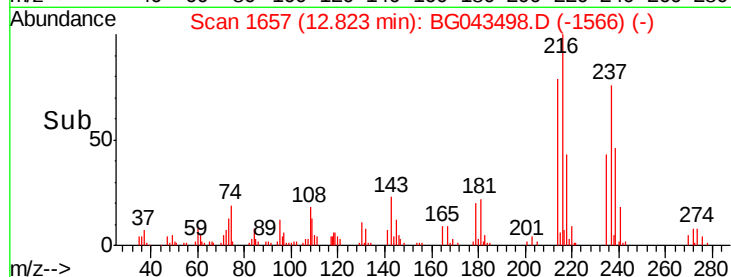
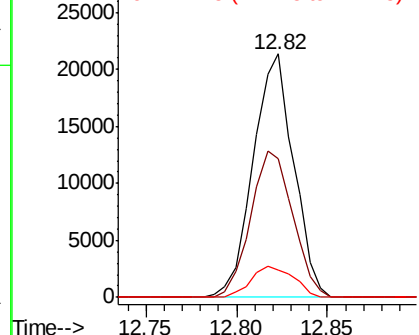
#41  
Hexachlorocyclopentadiene  
Concen: 13.494 ng  
RT: 12.82 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:237 Resp: 33104  
Ion Ratio Lower Upper  
237 100  
235 56.7 41.6 81.6  
272 11.1 0.0 32.5

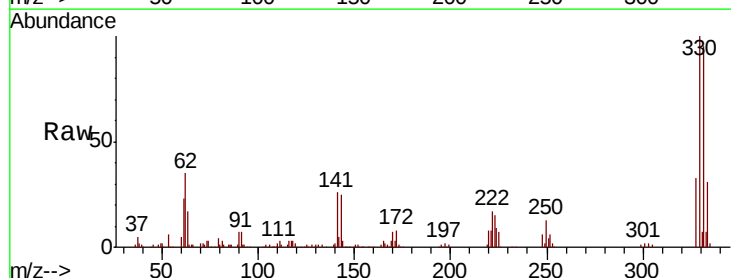


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

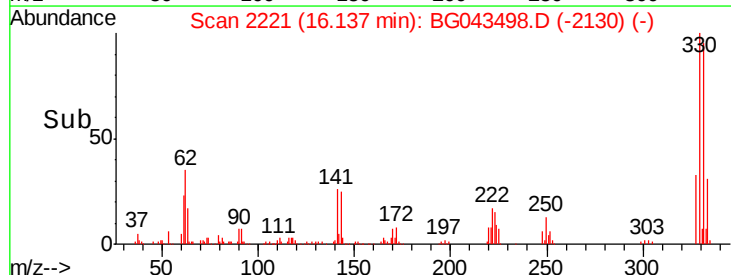
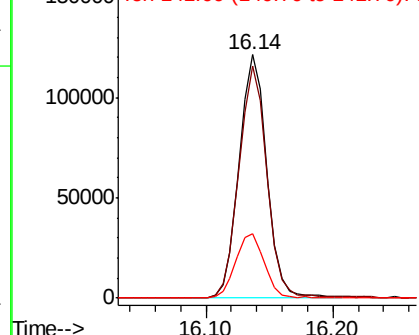


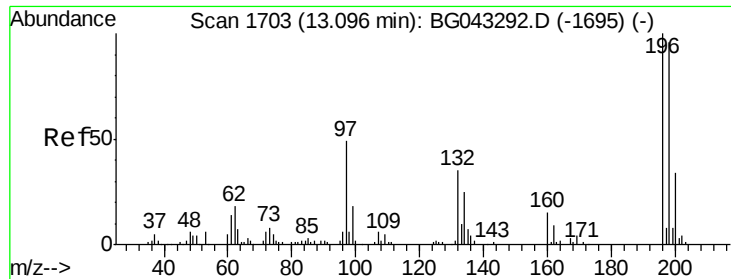
#42  
2,4,6-Tribromophenol  
Concen: 76.209 ng  
RT: 16.14 min Scan# 2221  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Tgt Ion:330 Resp: 183012  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.4 116.0  
141 27.2 22.8 34.2



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

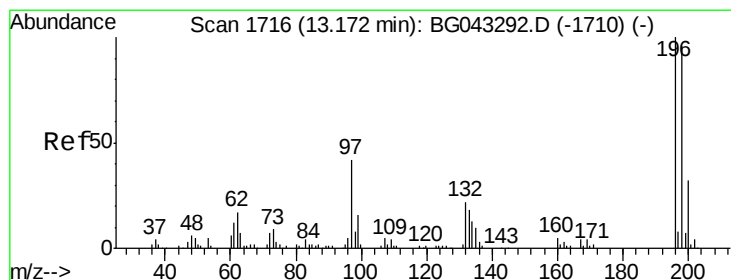
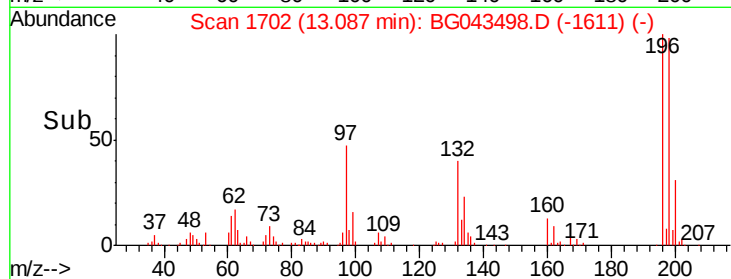
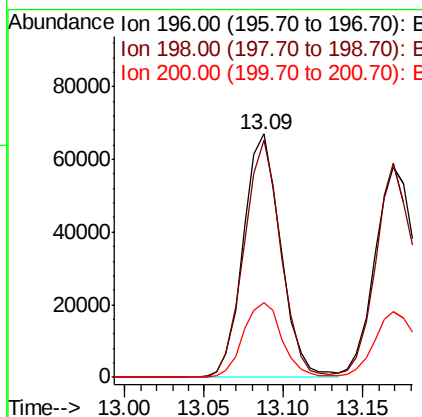
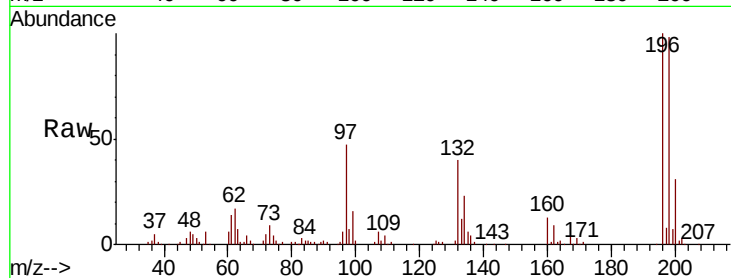




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.071 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

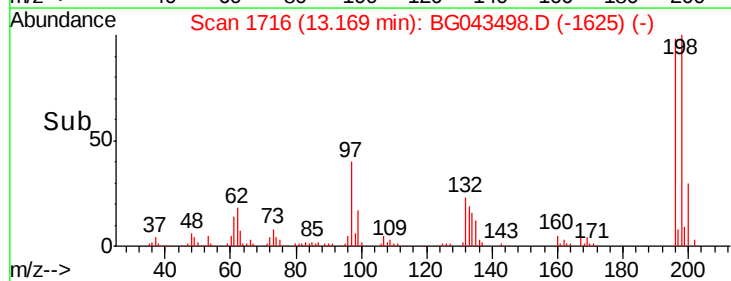
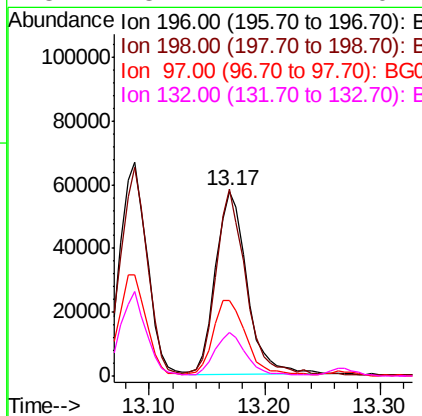
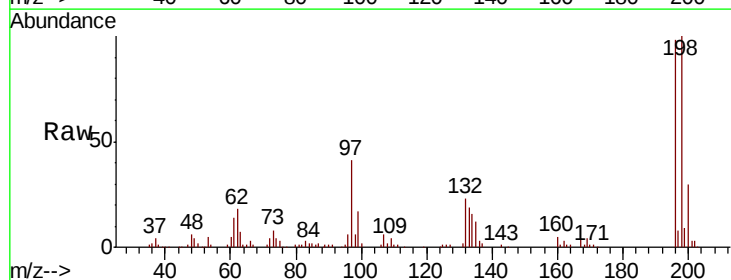
Instrument :  
 BNA\_G  
 ClientSampled :

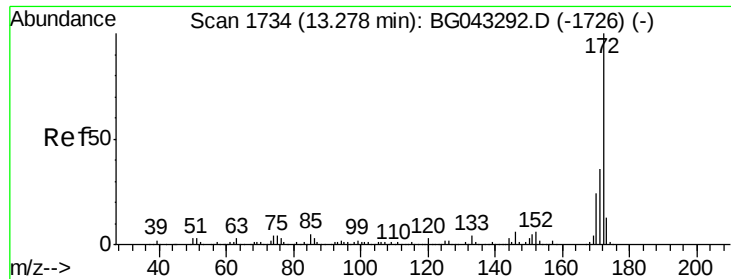
Tot Ion:196 Resp: 110209  
 Ion Ratio Lower Upper  
 196 100  
 198 97.6 75.8 113.6  
 200 30.7 23.9 35.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.137 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Tgt Ion:196 Resp: 108821  
 Ion Ratio Lower Upper  
 196 100  
 198 101.7 74.5 111.7  
 97 41.3 36.3 54.5  
 132 23.7 17.4 26.2

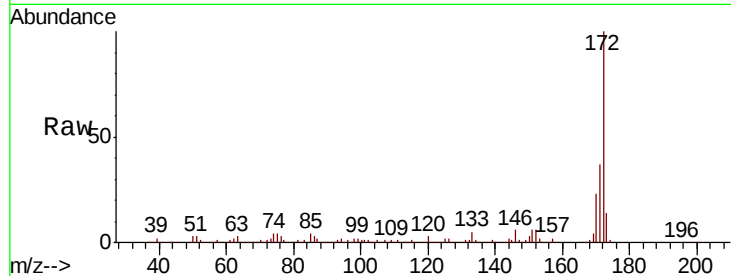




#45  
 2-Fluorobiphenyl  
 Concen: 79.078 ng  
 RT: 13.27 min Scan# 1733  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 28.9  | 43.3  |
| 170     | 23.3  | 18.5  | 27.7  |

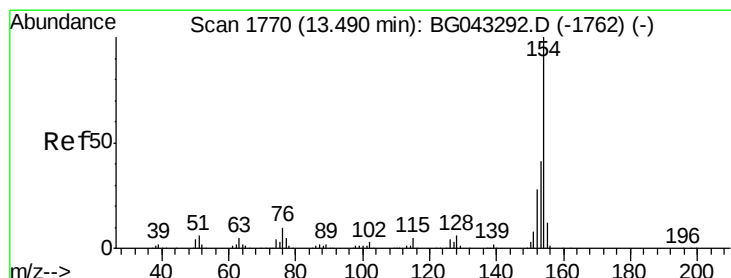
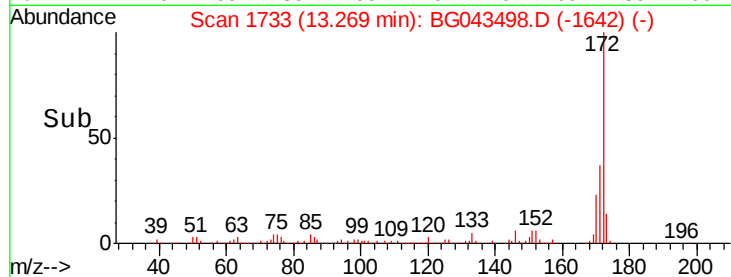
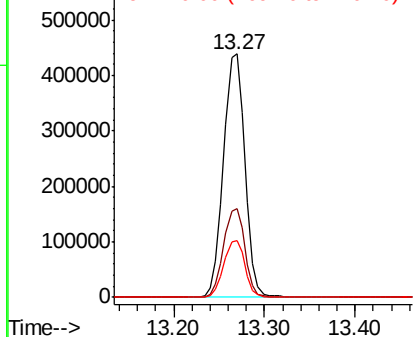


Abundance

Ion 172.00 (171.70 to 172.70): E

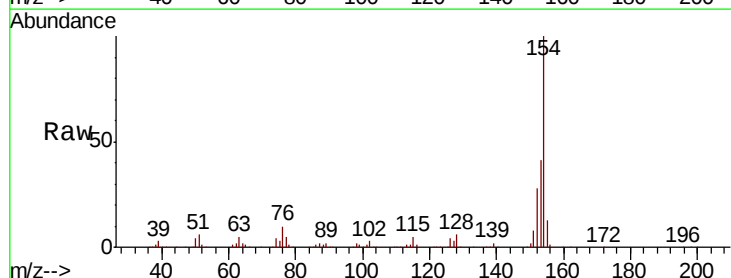
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
 1,1'-Biphenyl  
 Concen: 39.747 ng  
 RT: 13.47 min Scan# 1768  
 Delta R.T. -0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 19.9  | 59.9  |
| 76      | 10.3  | 0.0   | 29.4  |

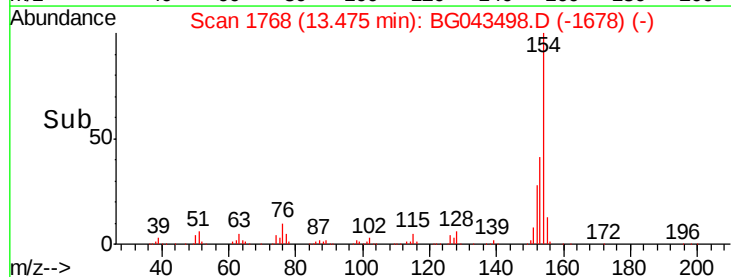
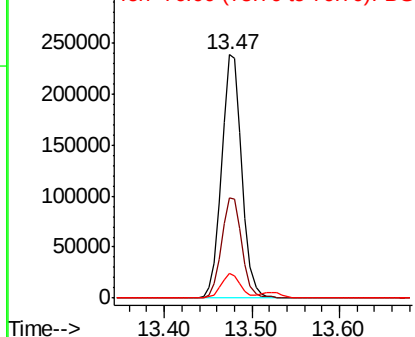


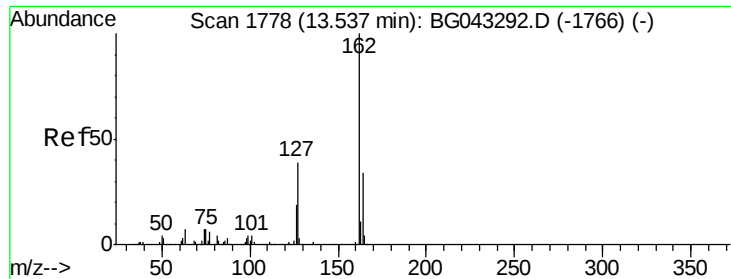
Abundance

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: 40.226 ng

RT: 13.52 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampled :

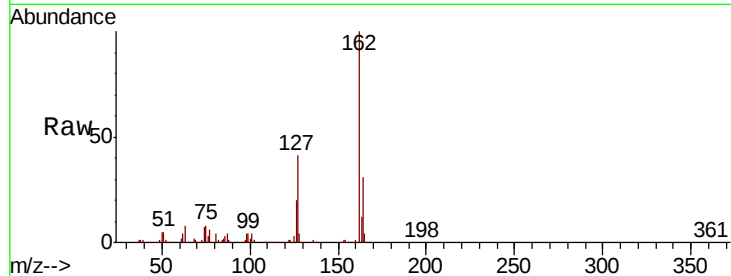
Tot Ion:162 Resp: 293828

Ion Ratio Lower Upper

162 100

127 40.9 31.2 46.8

164 31.3 25.8 38.8

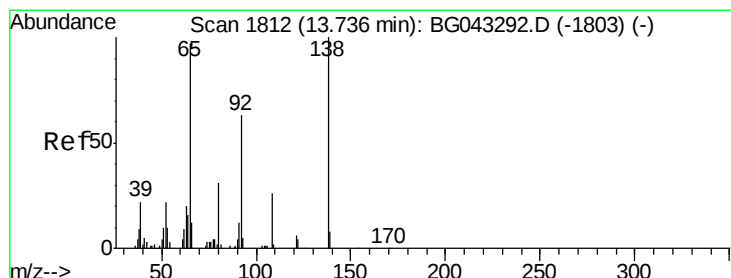
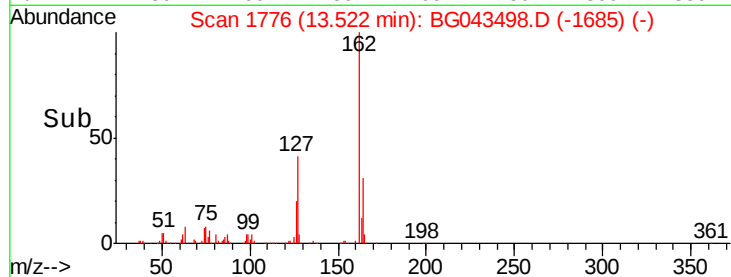
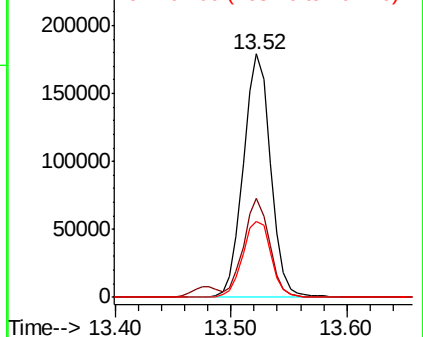


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.153 ng

RT: 13.73 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

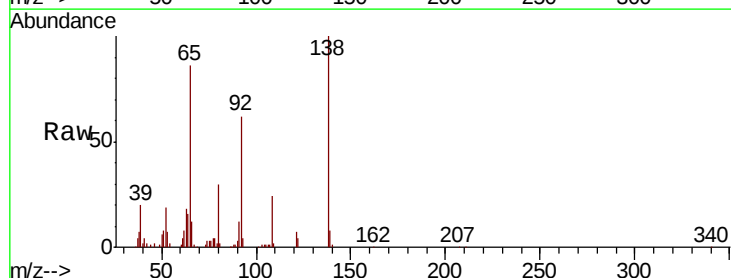
Tgt Ion: 65 Resp: 85475

Ion Ratio Lower Upper

65 100

92 71.6 56.2 84.2

138 115.9 82.6 123.8

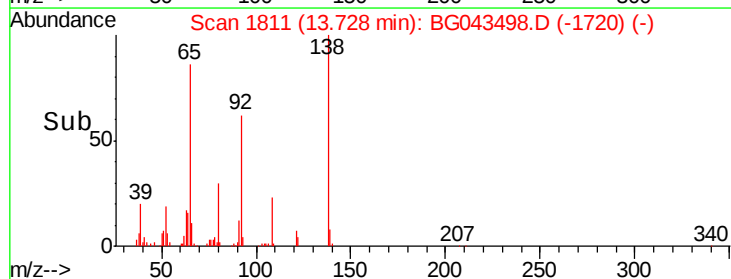
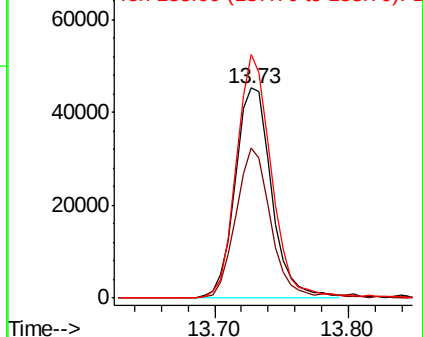


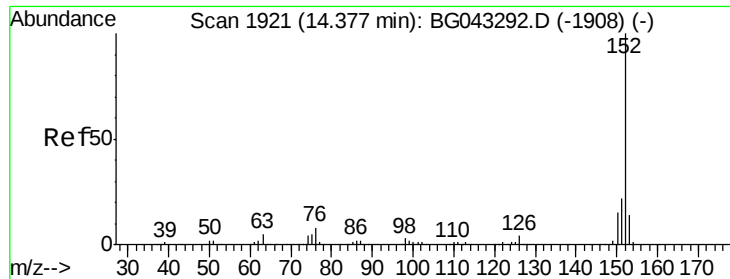
Abundance

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: 40.055 ng

RT: 14.37 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampleId :

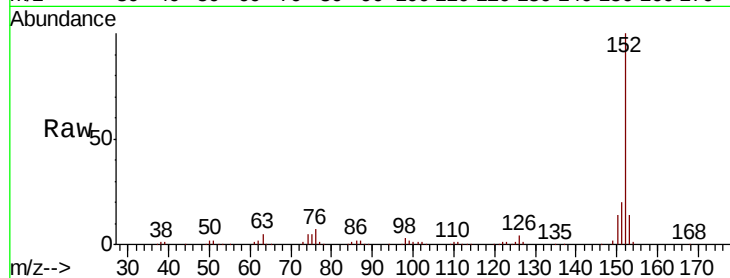
Tot Ion:152 Resp: 455349

Ion Ratio Lower Upper

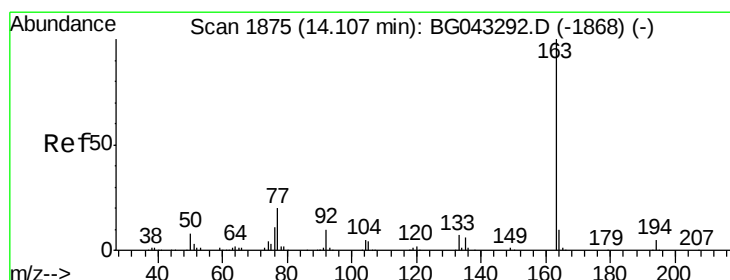
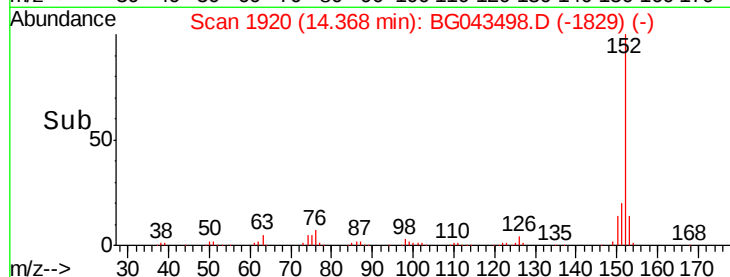
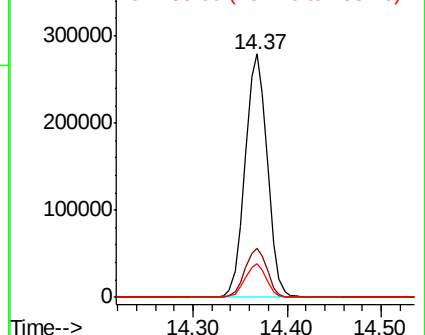
152 100

151 20.0 16.2 24.4

153 13.6 10.6 15.8



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



#50

Dimethylphthalate

Concen: 37.062 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

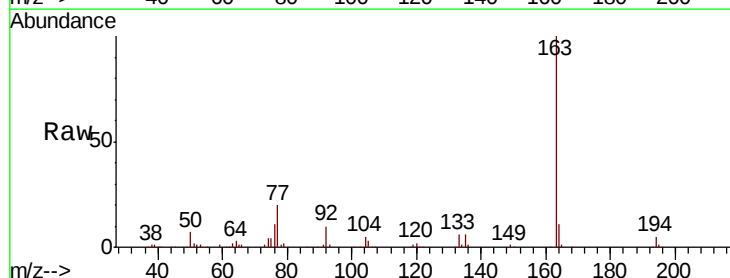
Tgt Ion:163 Resp: 362265

Ion Ratio Lower Upper

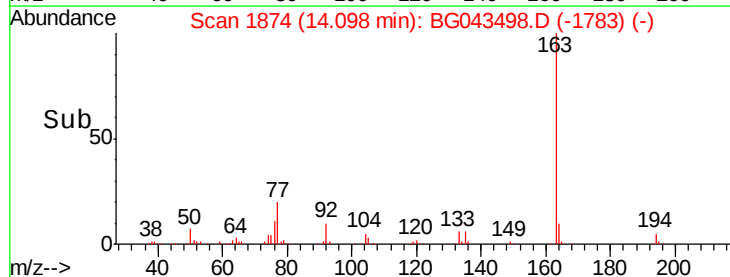
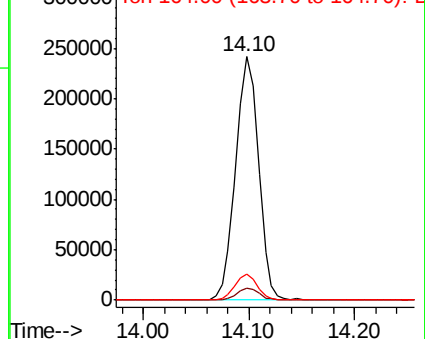
163 100

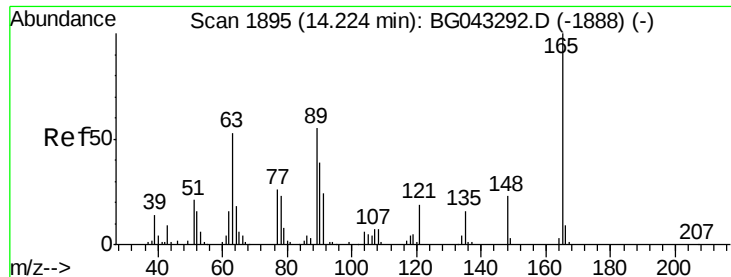
194 4.7 3.8 5.6

164 10.5 8.9 13.3



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

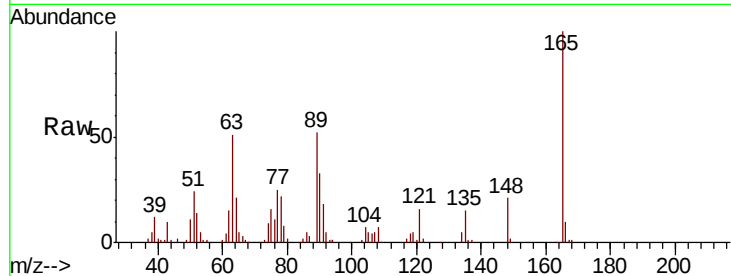




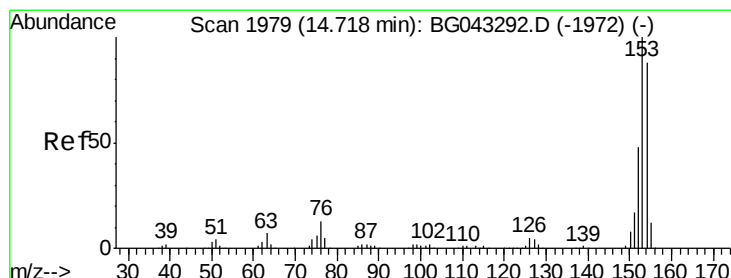
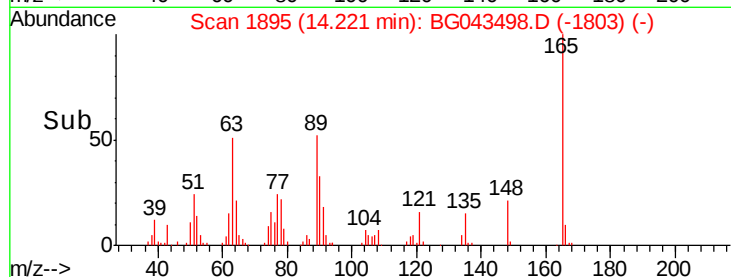
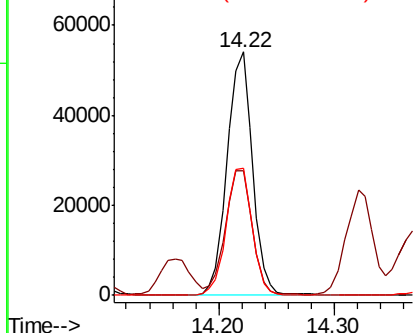
#51  
 2,6-Dinitrotoluene  
 Concen: 38.812 ng  
 RT: 14.22 min Scan# 1895  
 Delta R.T. 0.01 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:165 Resp: 82416  
 Ion Ratio Lower Upper  
 165 100  
 63 50.9 46.6 69.8  
 89 52.0 45.1 67.7

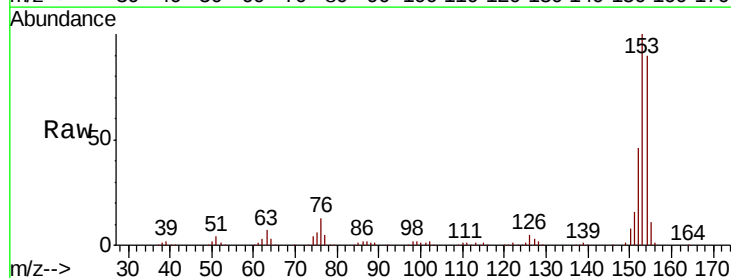


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGO  
 Ion 89.00 (88.70 to 89.70): BGO

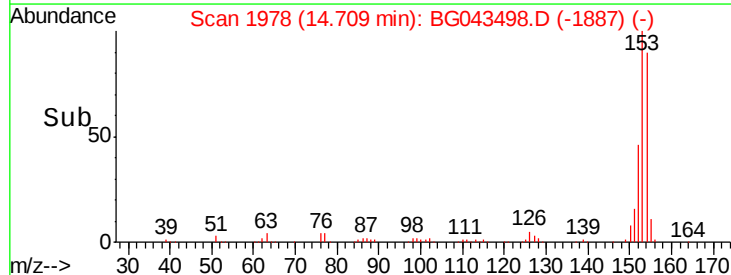
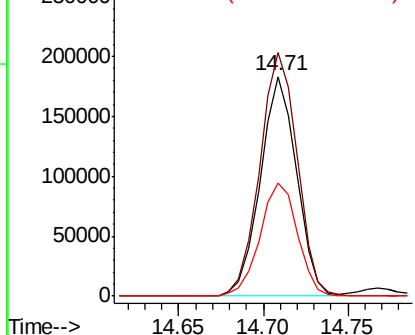


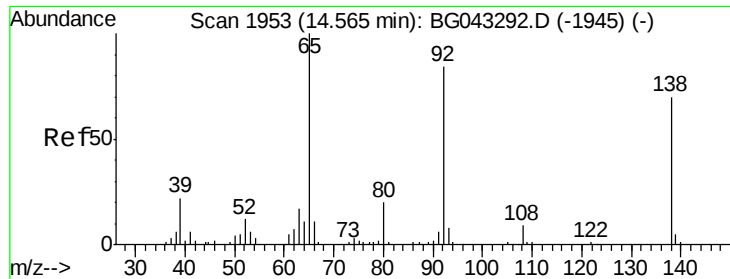
#52  
 Acenaphthene  
 Concen: 39.228 ng  
 RT: 14.71 min Scan# 1978  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Tgt Ion:154 Resp: 271954  
 Ion Ratio Lower Upper  
 154 100  
 153 111.0 88.2 132.2  
 152 51.4 40.0 60.0



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: 39.542 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampleId :

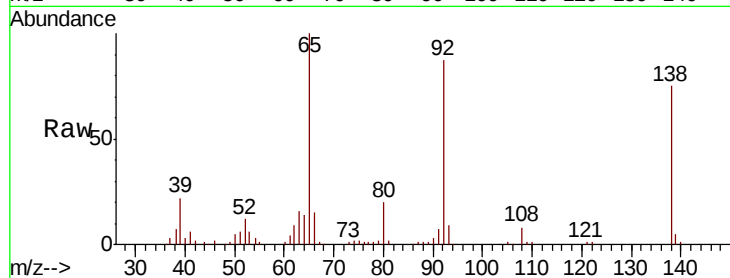
Tot Ion:138 Resp: 81068

Ion Ratio Lower Upper

138 100

108 10.2 8.0 12.0

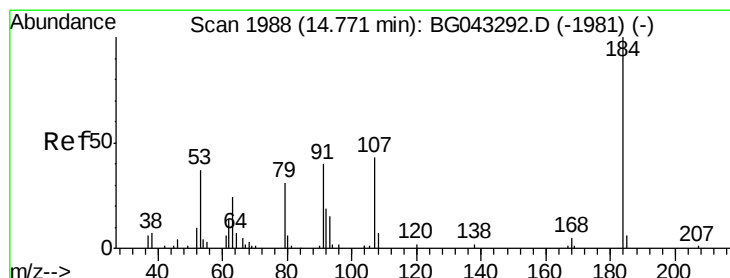
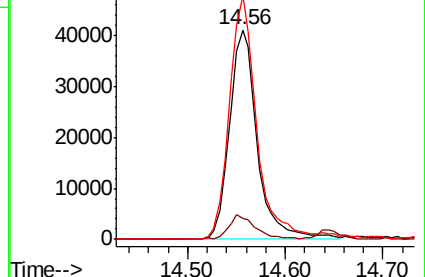
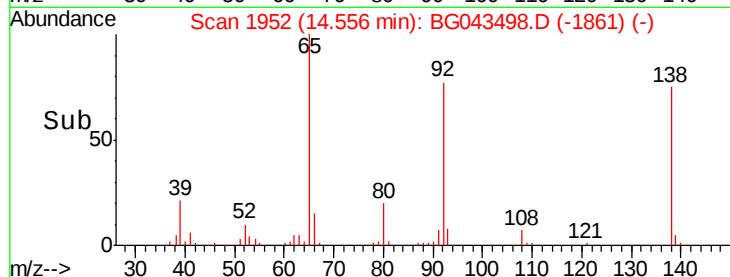
92 116.4 90.9 136.3



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: 19.951 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

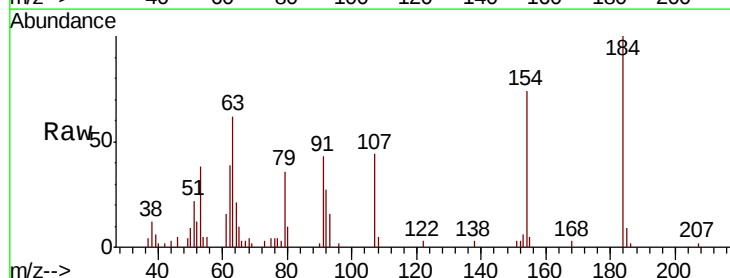
Tgt Ion:184 Resp: 18480

Ion Ratio Lower Upper

184 100

63 62.4 51.3 76.9

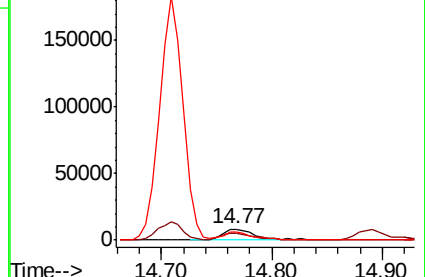
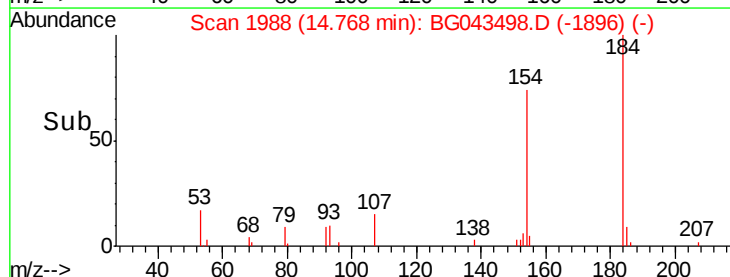
154 73.6 55.4 83.0

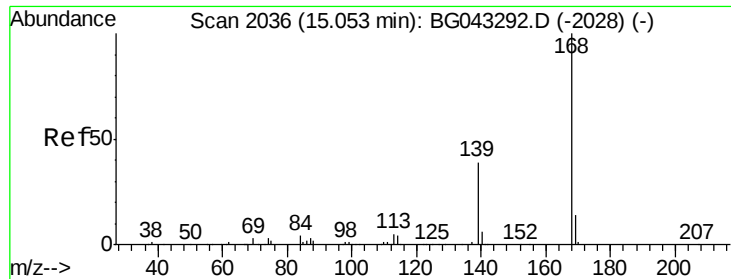


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

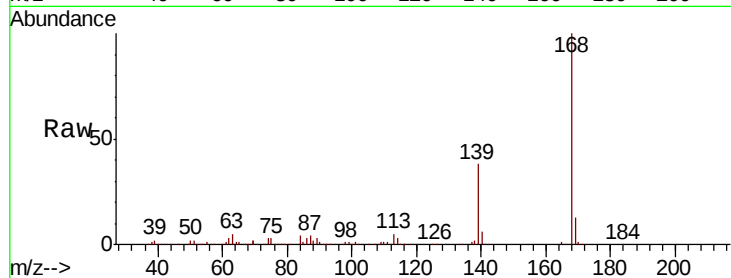




#55  
Dibenzofuran  
Concen: 38.840 ng  
RT: 15.04 min Scan# 2035  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.2  | 31.0  | 46.6  |
| 169     | 13.2  | 11.7  | 17.5  |

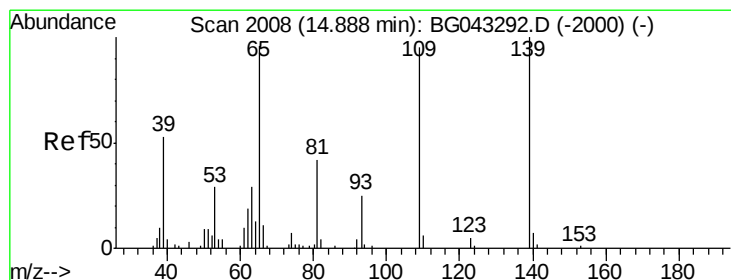
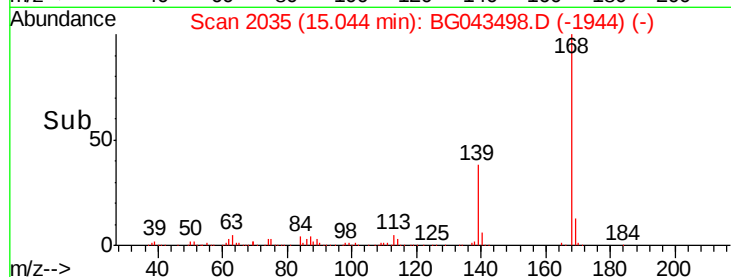
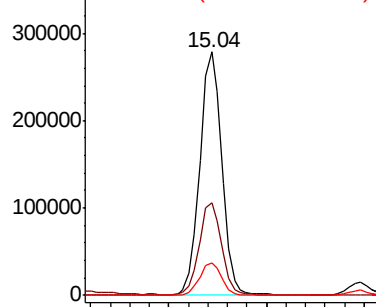


Abundance

Ion 168.00 (167.70 to 168.70): E

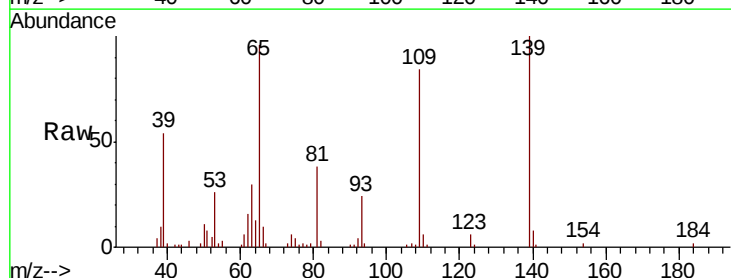
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 37.059 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 84.0  | 87.2  | 127.2# |
| 65      | 96.3  | 83.8  | 123.8  |

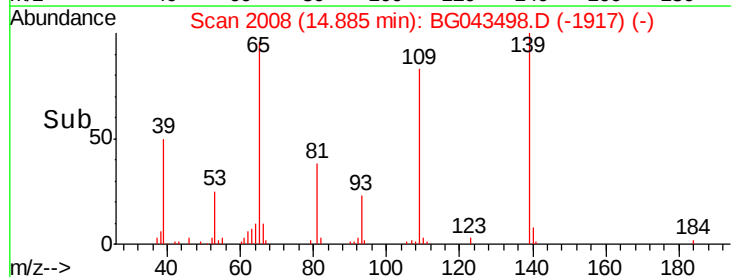
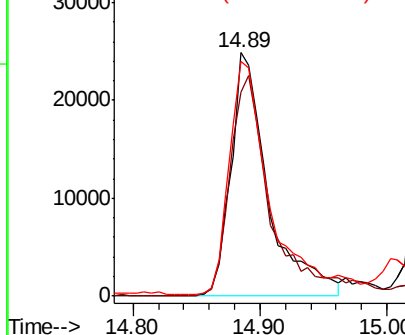


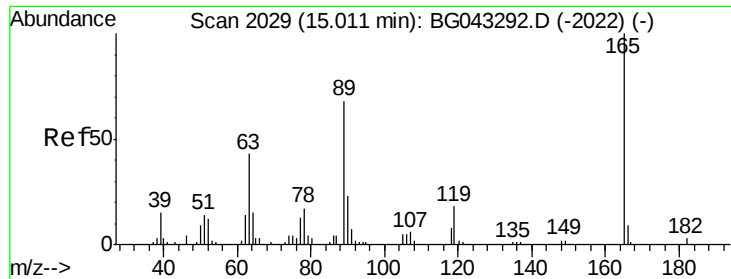
Abundance

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): BG

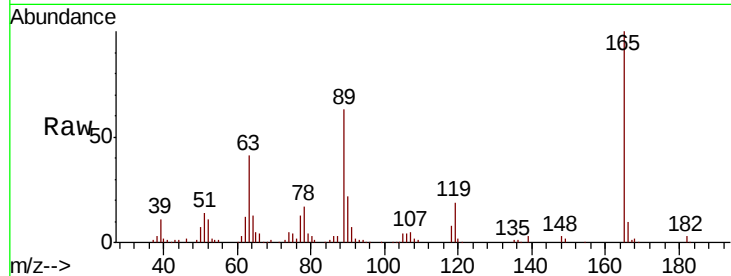




#57  
2,4-Dinitrotoluene  
Concen: 38.438 ng  
RT: 15.01 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.4  | 33.2  | 49.8  |
| 89      | 63.2  | 52.2  | 78.4  |
| 182     | 3.2   | 2.0   | 3.0   |



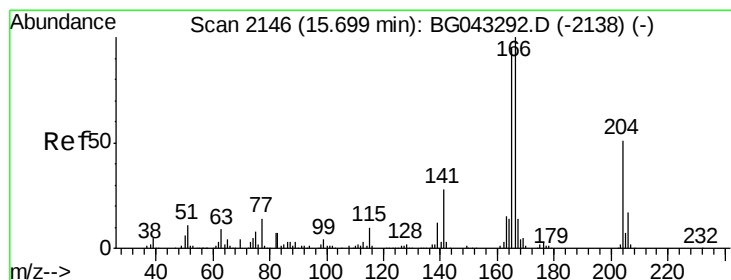
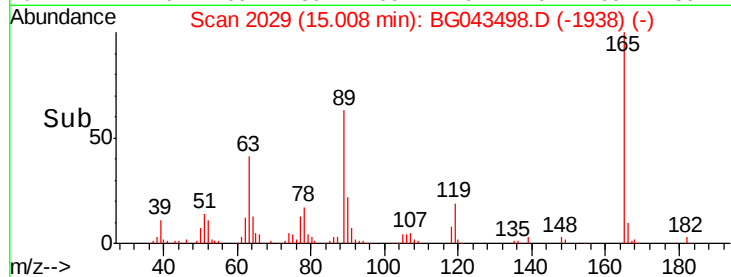
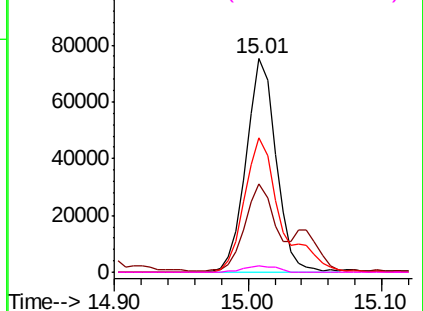
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

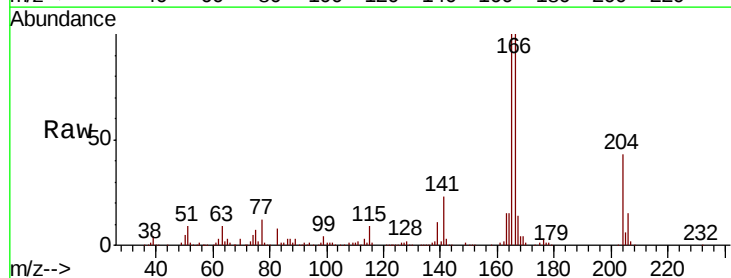
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 38.514 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.2 | 79.0  | 118.6 |
| 167     | 14.4  | 10.5  | 15.7  |

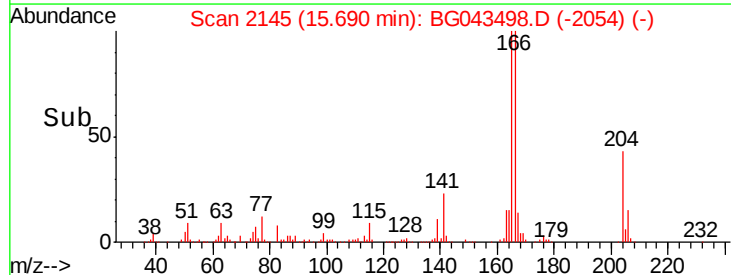
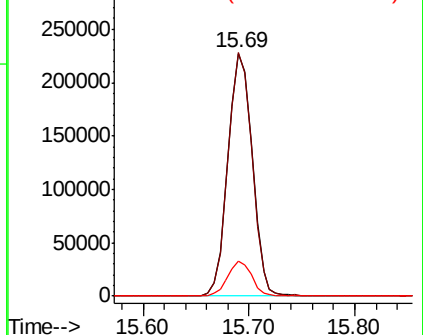


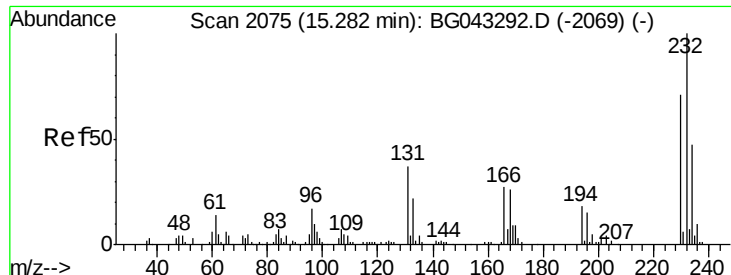
Abundance

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

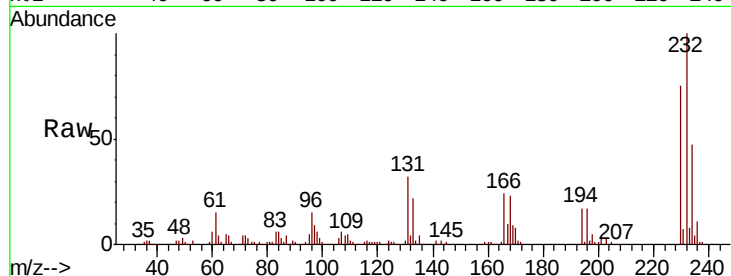




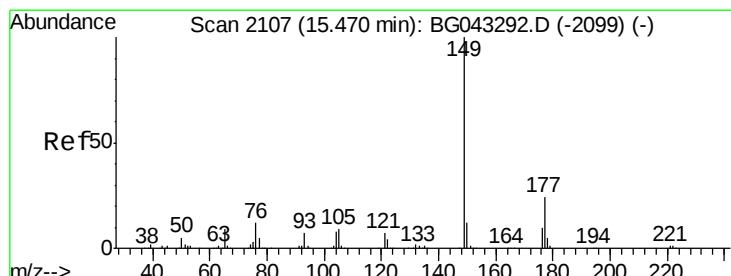
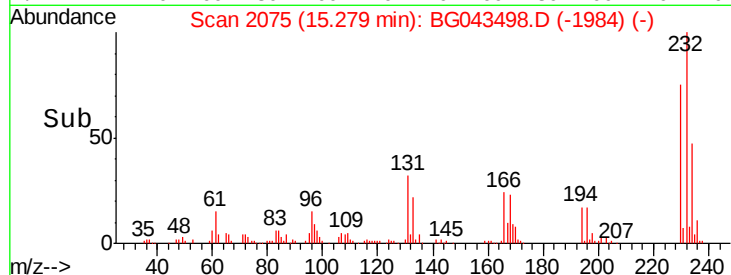
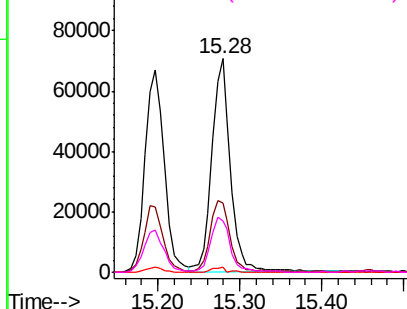
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.746 ng  
 RT: 15.28 min Scan# 2075  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 111508 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 35.5  | 26.9  | 40.3   |
| 130      | 1.8   | 1.8   | 2.6    |
| 166      | 27.2  | 20.9  | 31.3   |

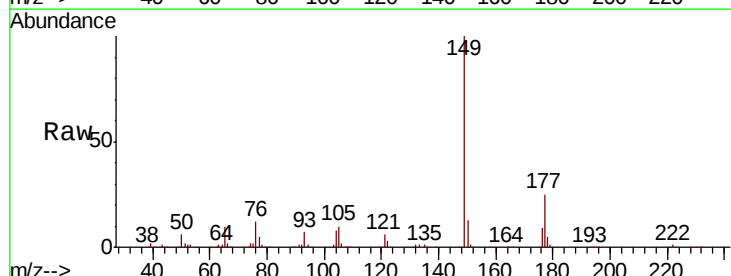


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

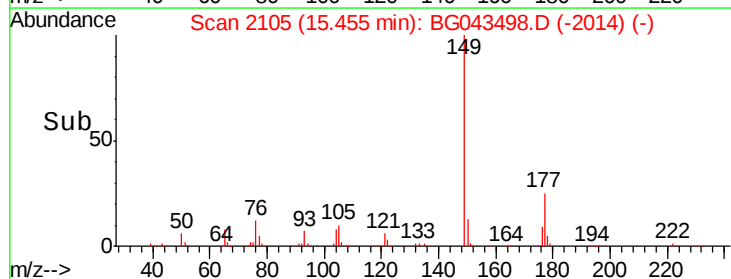
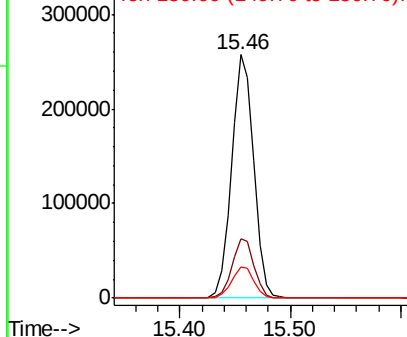


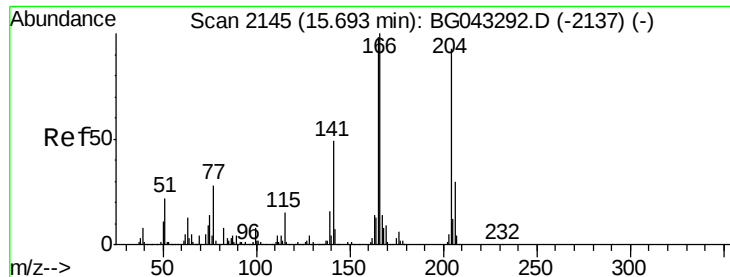
#60  
 Diethylphthalate  
 Concen: 36.672 ng  
 RT: 15.46 min Scan# 2105  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 360164 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.6  | 19.6  | 29.4   |
| 150      | 12.7  | 10.8  | 16.2   |



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

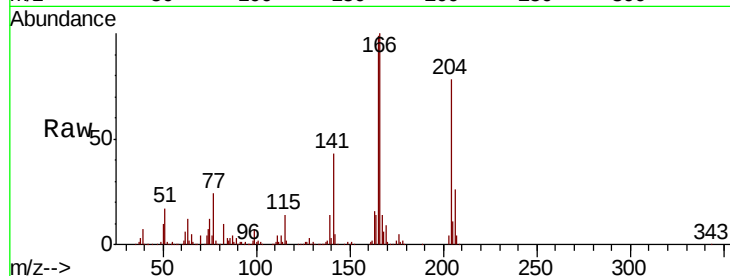




#61  
 4-Chlorophenyl-phenylether  
 Concen: 38.127 ng  
 RT: 15.68 min Scan# 2144  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 28.4  | 42.6  |
| 141     | 55.4  | 43.0  | 64.6  |

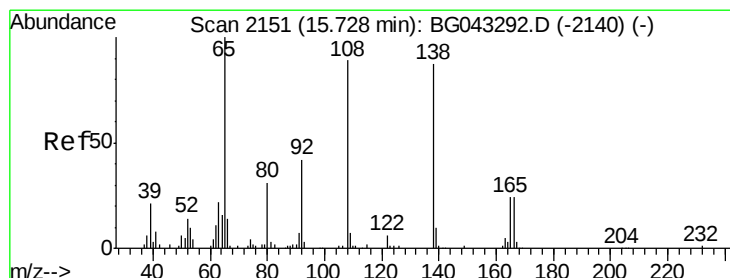
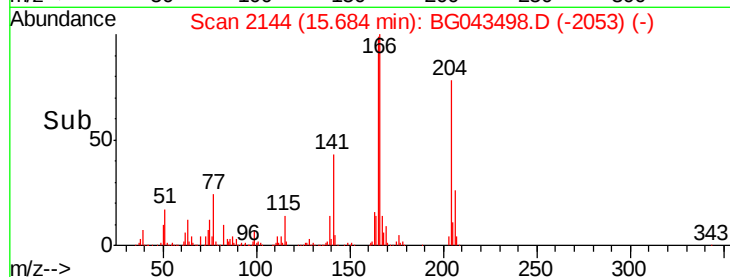
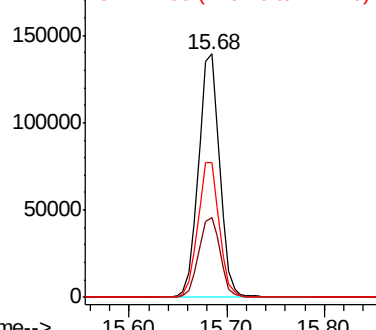


Abundance

Ion 204.00 (203.70 to 204.70): E

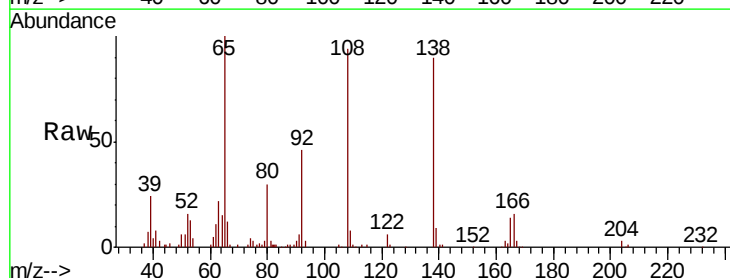
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
 4-Nitroaniline  
 Concen: 41.505 ng  
 RT: 15.72 min Scan# 2150  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.5  | 33.4  | 73.4  |
| 108     | 104.0 | 78.0  | 118.0 |

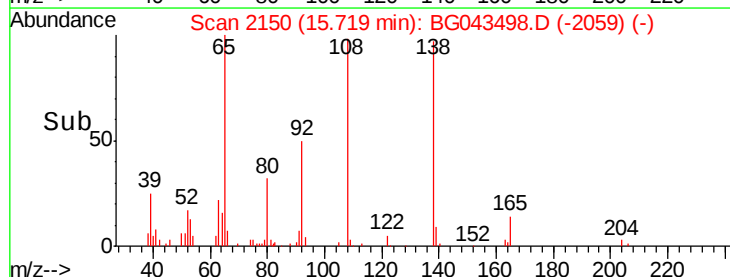
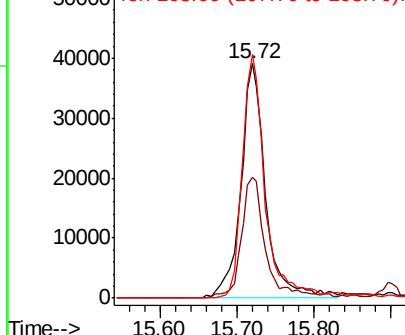


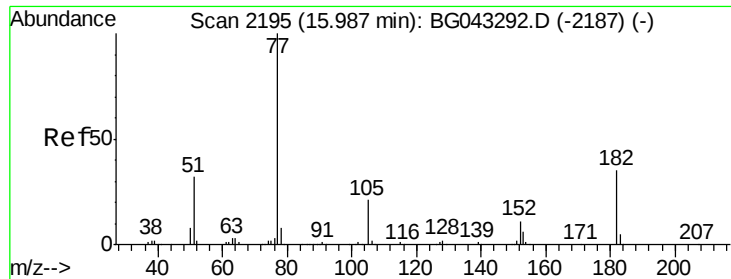
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.512 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

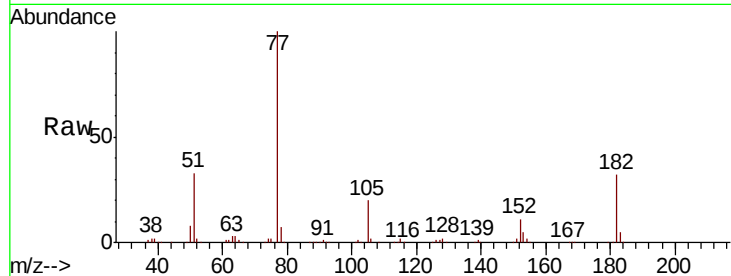
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 298160

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 31.7  | 13.7  | 53.7  |
| 105 | 20.4  | 0.4   | 40.4  |
| 51  | 32.9  | 11.0  | 51.0  |

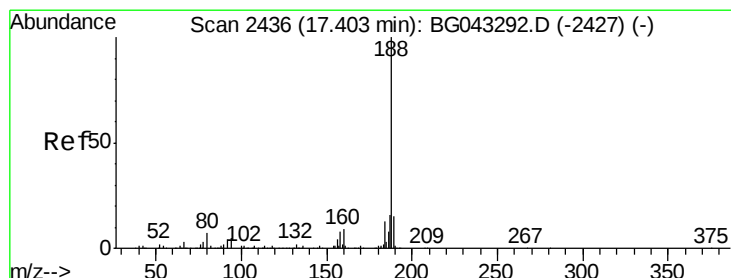
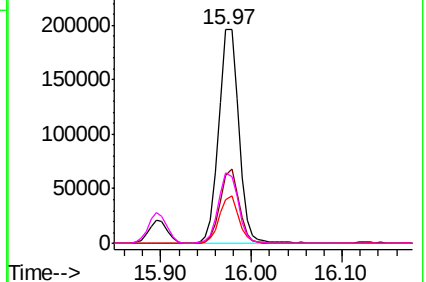
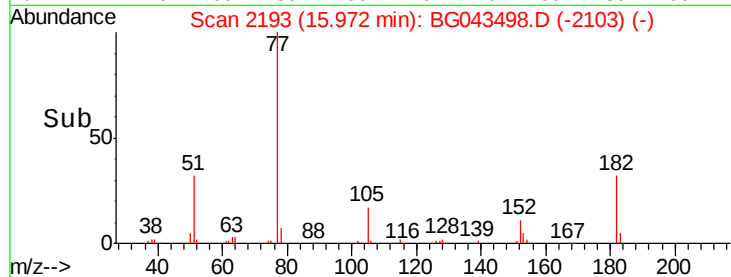


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2434

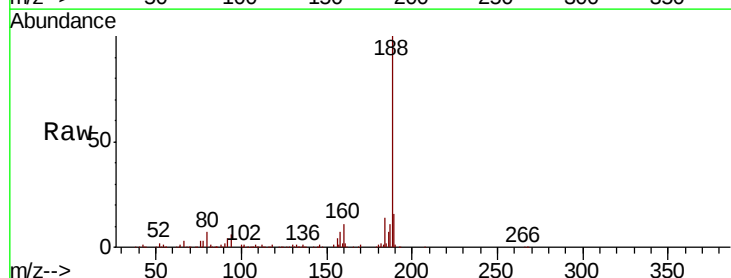
Delta R.T. -0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Tgt Ion: 188 Resp: 291491

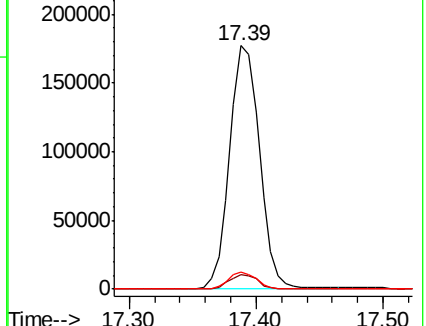
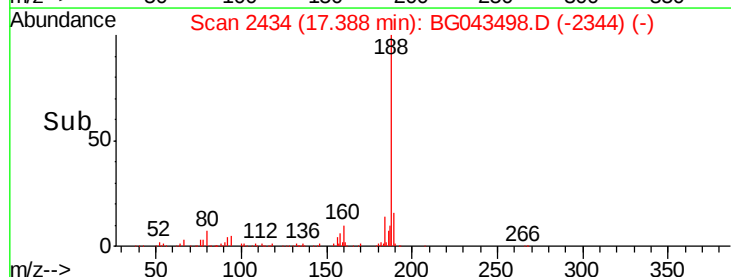
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 5.8   | 4.2   | 6.4   |
| 80  | 7.1   | 4.5   | 6.7   |

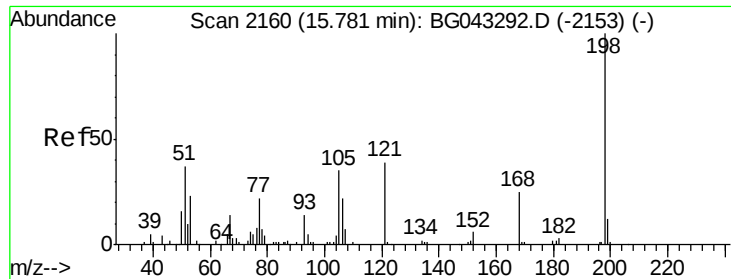


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

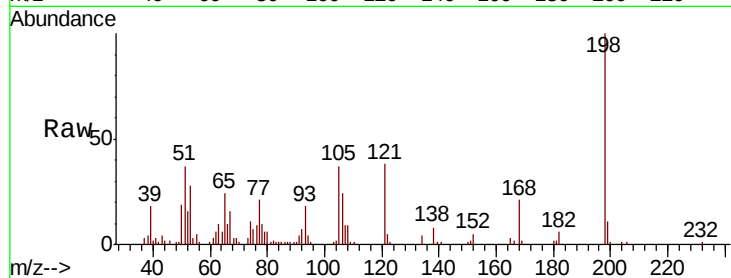




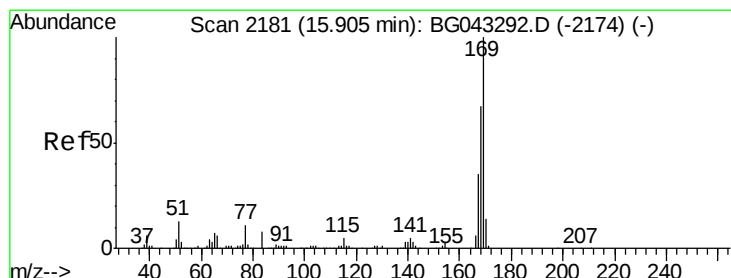
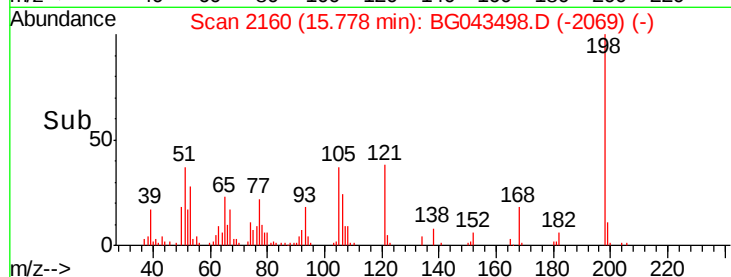
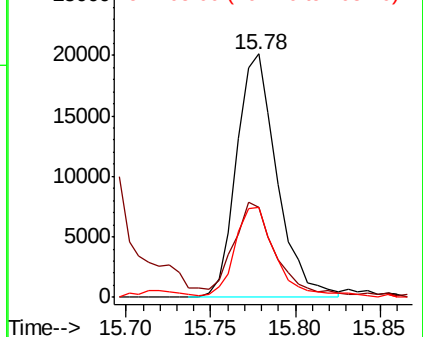
#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.561 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 37.1  | 13.2  | 53.2  |
| 105     | 36.9  | 15.8  | 55.8  |

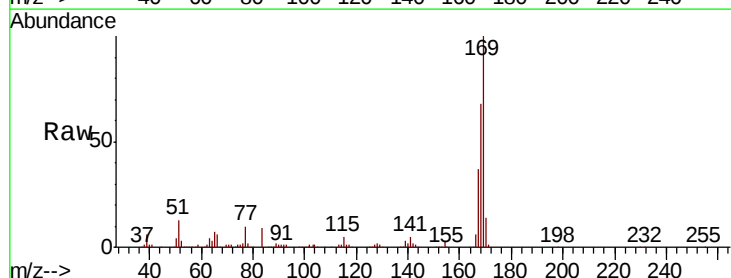


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

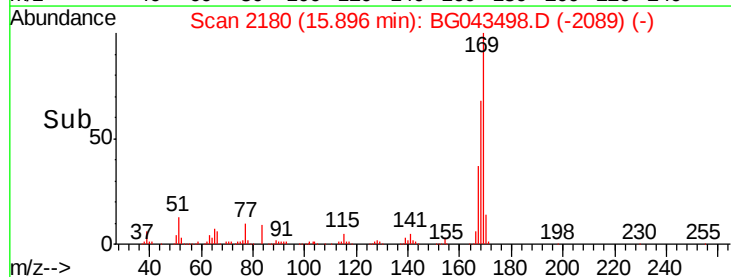
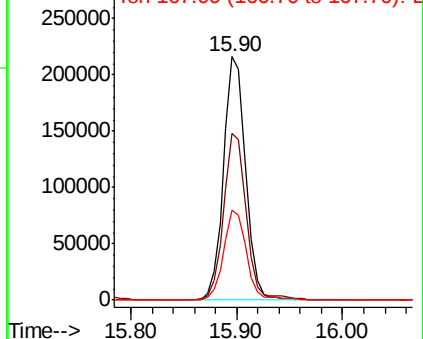


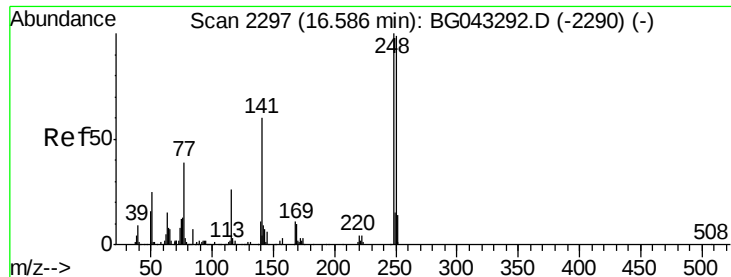
#66  
n-Nitrosodiphenylamine  
Concen: 38.250 ng  
RT: 15.90 min Scan# 2180  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.5  | 53.8  | 80.6  |
| 167     | 37.1  | 27.5  | 41.3  |



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

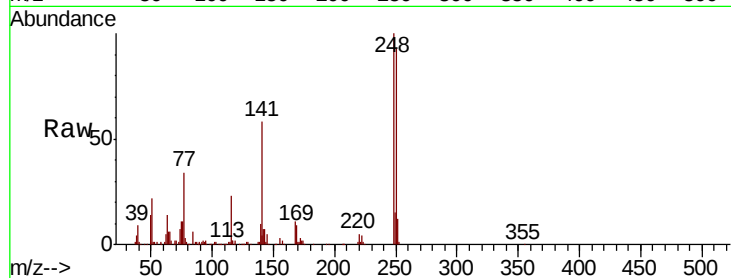




#67  
4-Bromophenyl-phenylether  
Concen: 38.105 ng  
RT: 16.58 min Scan# 2296  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 93.3  | 77.0  | 115.4 |
| 141     | 58.4  | 47.5  | 71.3  |

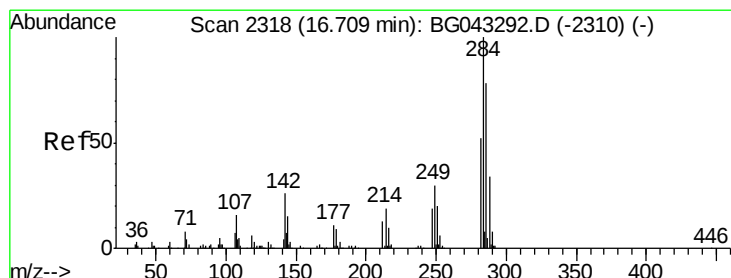
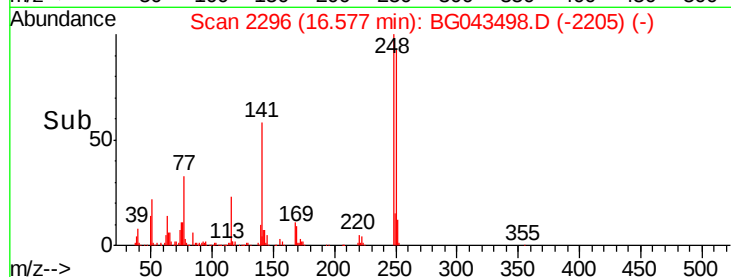
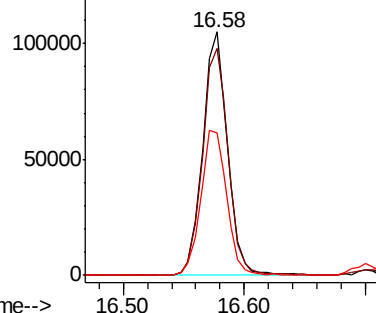


Abundance

Ion 248.00 (247.70 to 248.70): E

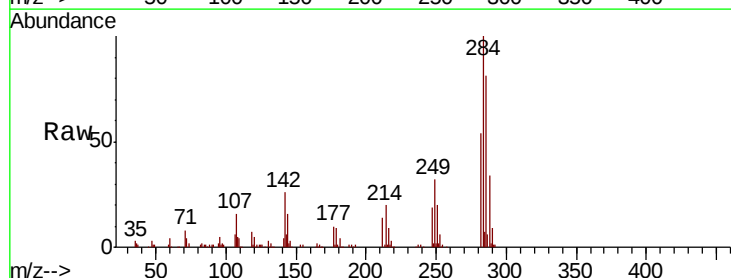
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 37.898 ng  
RT: 16.70 min Scan# 2317  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.0  | 19.8  | 29.8  |
| 249     | 32.0  | 23.8  | 35.6  |

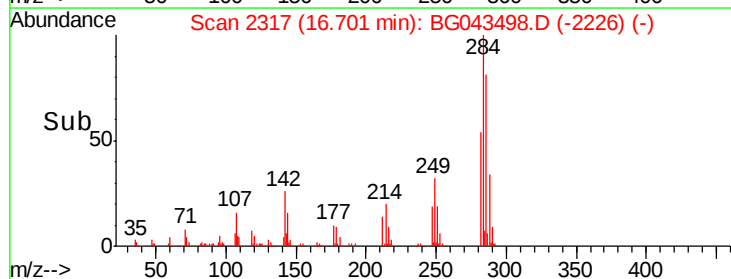
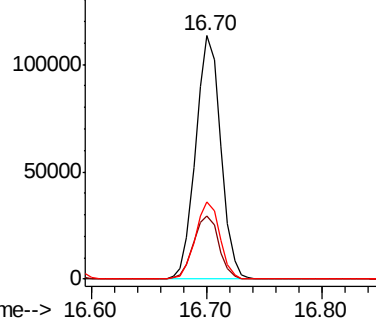


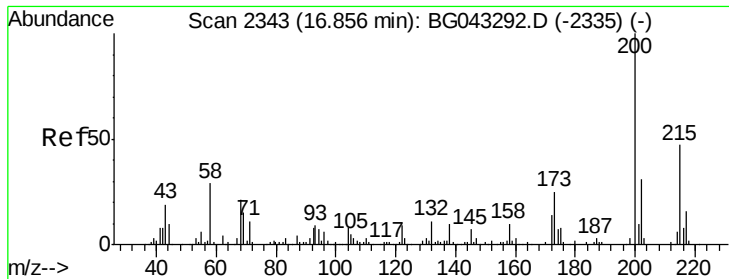
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

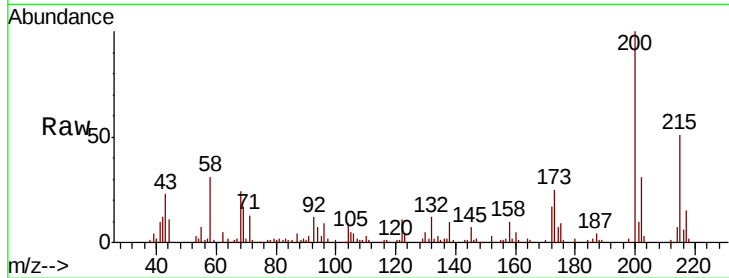




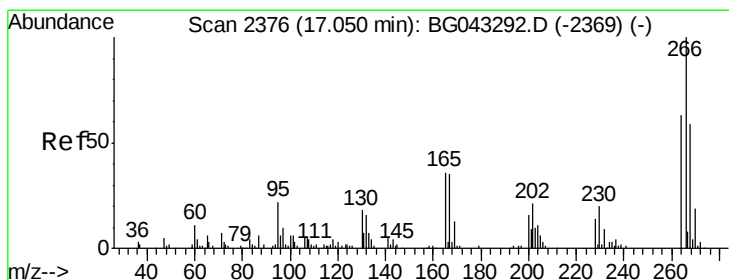
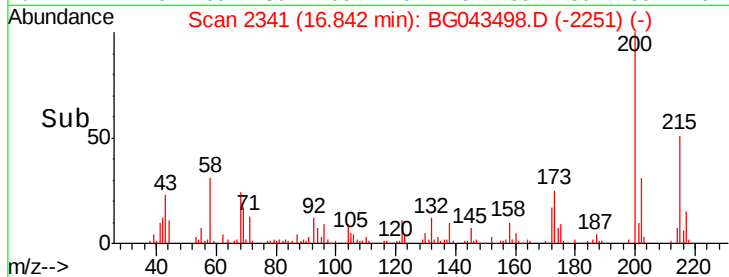
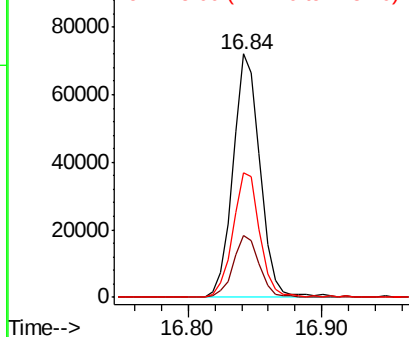
#69  
 Atrazine  
 Concen: 35.441 ng  
 RT: 16.84 min Scan# 2341  
 Delta R.T. -0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.3  | 4.7   | 44.7  |
| 215     | 51.4  | 28.5  | 68.5  |

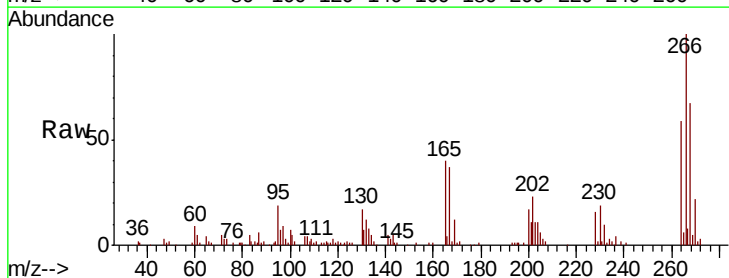


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

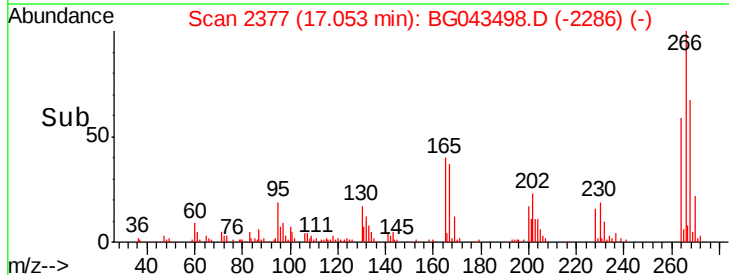
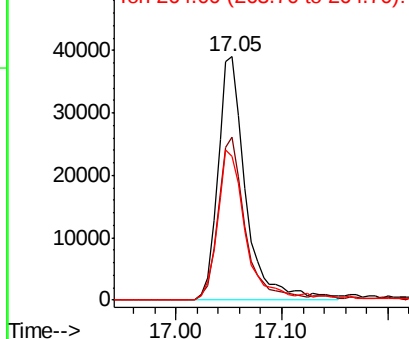


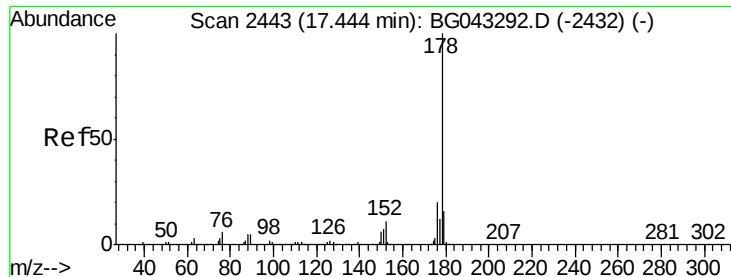
#70  
 Pentachlorophenol  
 Concen: 34.882 ng  
 RT: 17.05 min Scan# 2377  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.9  | 50.4  | 75.6  |
| 264     | 59.1  | 48.9  | 73.3  |



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

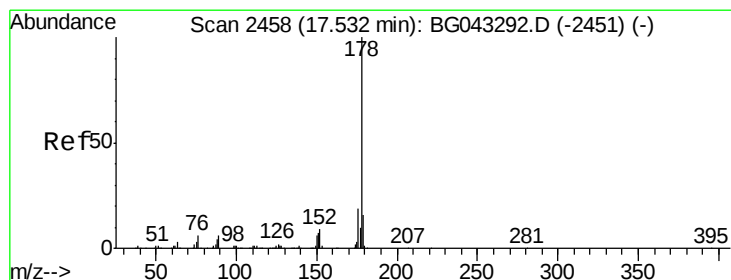
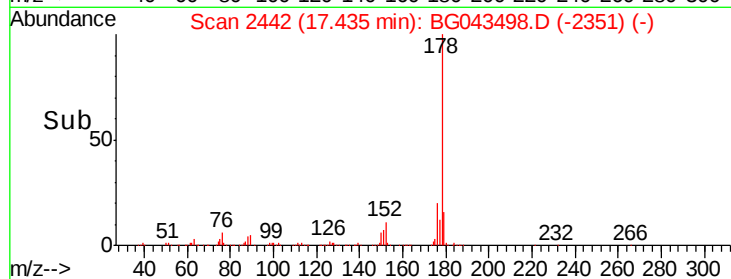
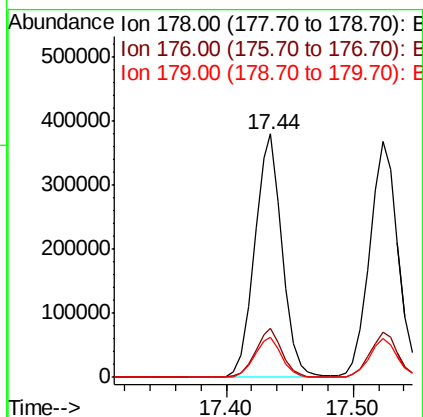
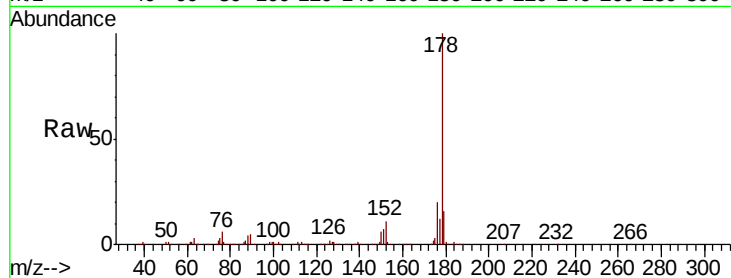




#71  
Phenanthrene  
Concen: 38.168 ng  
RT: 17.44 min Scan# 2442  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

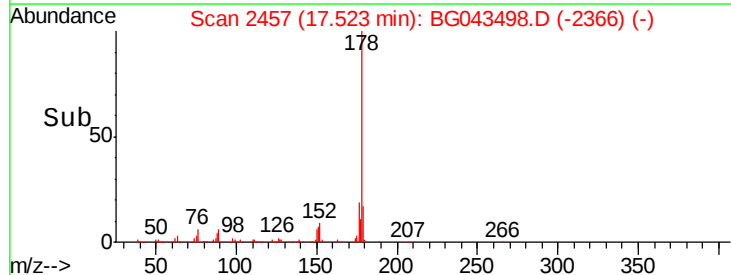
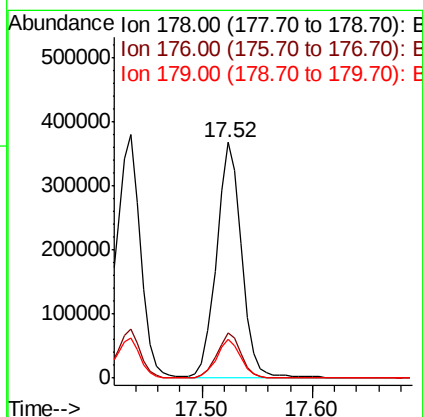
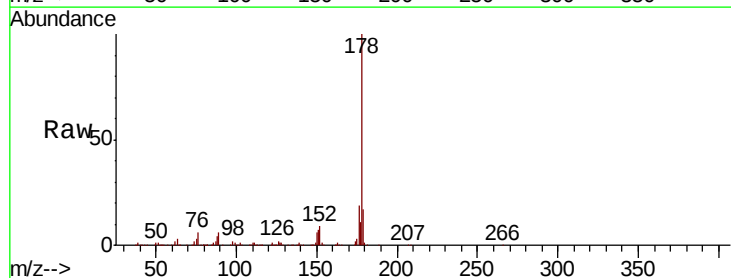
Instrument :  
BNA\_G  
ClientSampleId :

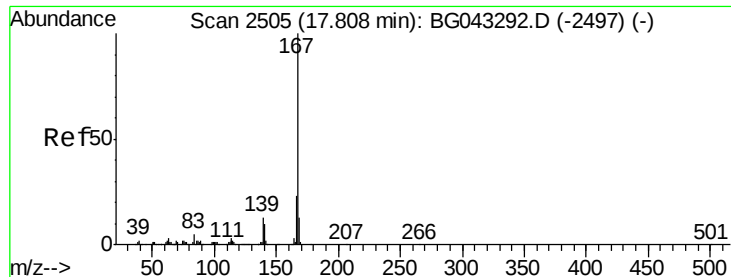
Tot Ion:178 Resp: 569718  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.4 23.0  
179 16.3 13.0 19.6



#72  
Anthracene  
Concen: 38.477 ng  
RT: 17.52 min Scan# 2457  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Tgt Ion:178 Resp: 574631  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.5 23.3  
179 16.5 13.7 20.5

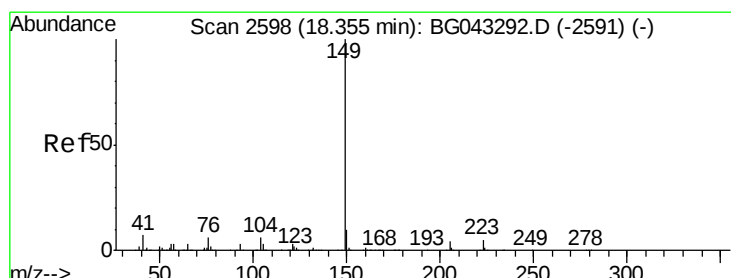
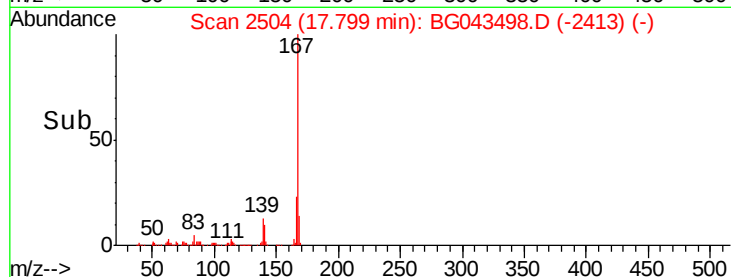
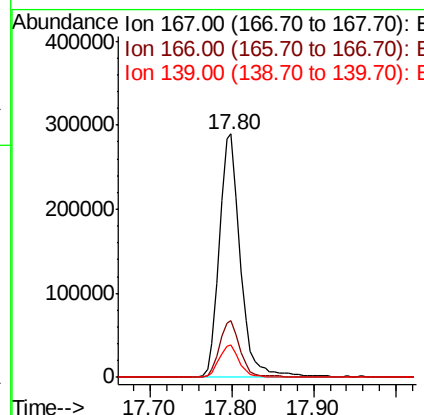
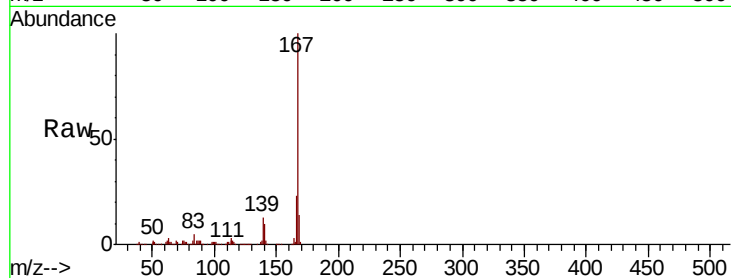




#73  
 Carbazole  
 Concen: 38.534 ng  
 RT: 17.80 min Scan# 2504  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

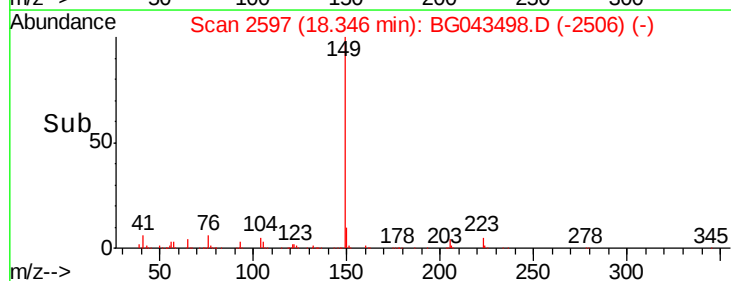
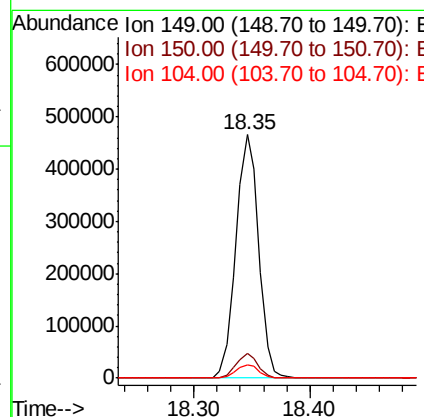
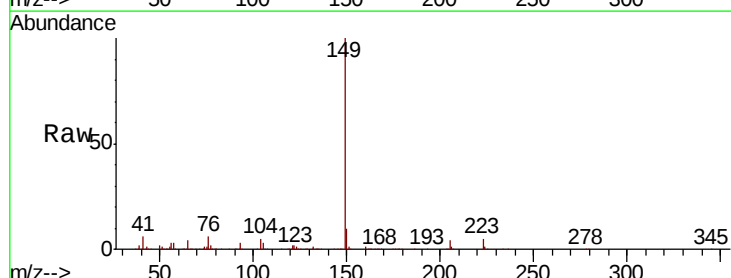
Instrument :  
 BNA\_G  
 ClientSampleId :

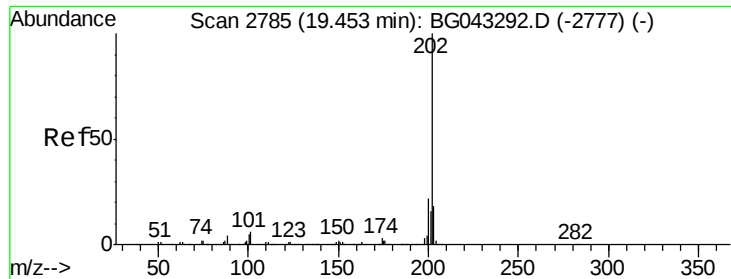
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.1  | 18.7  | 28.1  |
| 139     | 13.1  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 38.493 ng  
 RT: 18.35 min Scan# 2597  
 Delta R.T. 0.00 min  
 Lab File: BG043498.D  
 Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 8.0   | 12.0  |
| 104     | 5.4   | 4.4   | 6.6   |





#75

Fluoranthene

Concen: 37.163 ng

RT: 19.44 min Scan# 2784

Delta R.T. 0.00 min

Lab File: BG043498.D

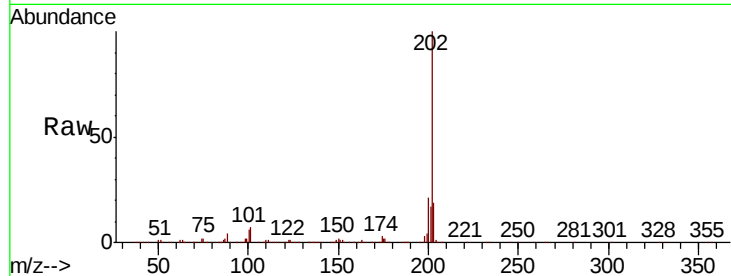
Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampleId :

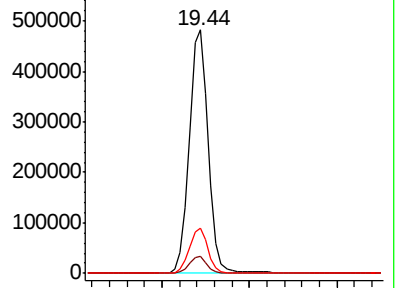
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 723177 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 7.1   | 0.0   | 26.3   |
| 203      | 18.6  | 0.0   | 37.9   |



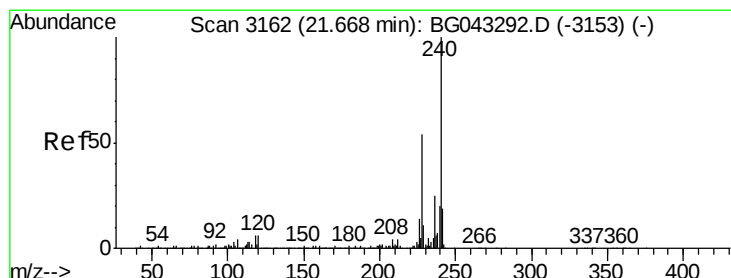
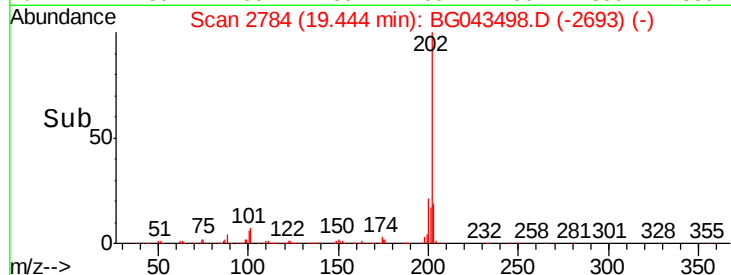
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

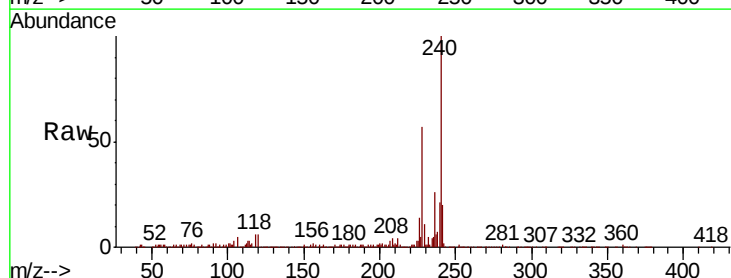
RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

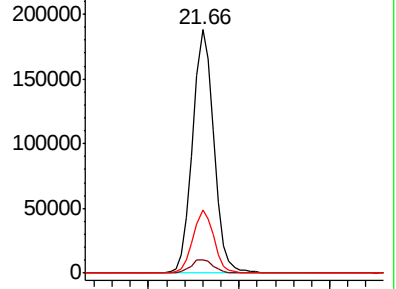
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 307962 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 5.5   | 4.6   | 6.8    |
| 236      | 25.8  | 19.8  | 29.8   |



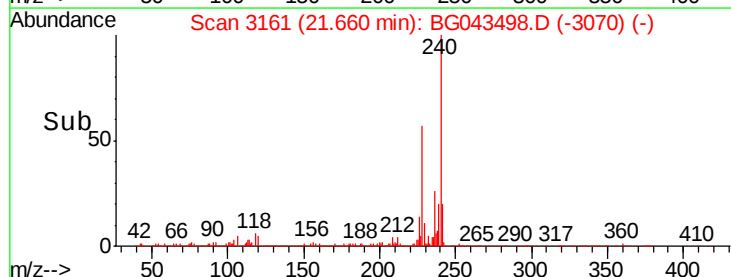
Abundance Ion 240.00 (239.70 to 240.70): E

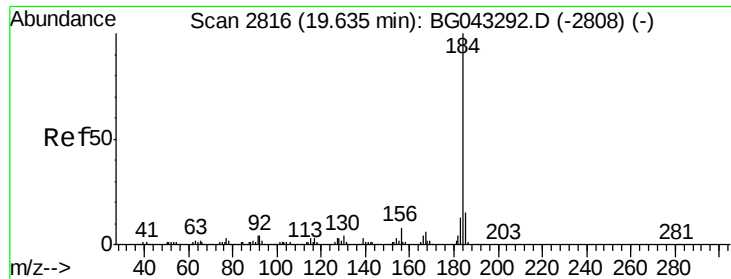
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 42.568 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampleId :

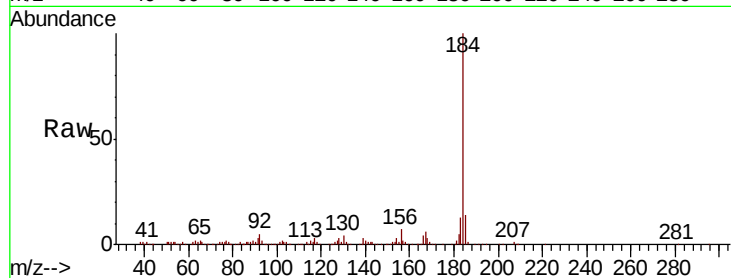
Tot Ion:184 Resp: 263829

Ion Ratio Lower Upper

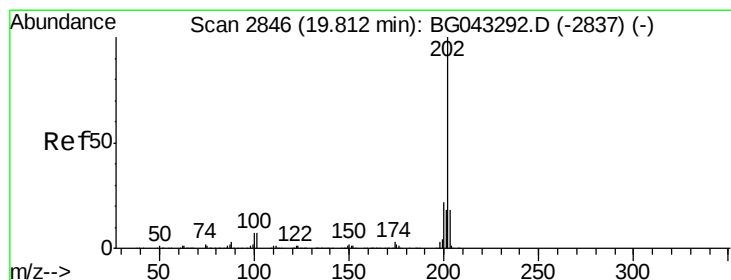
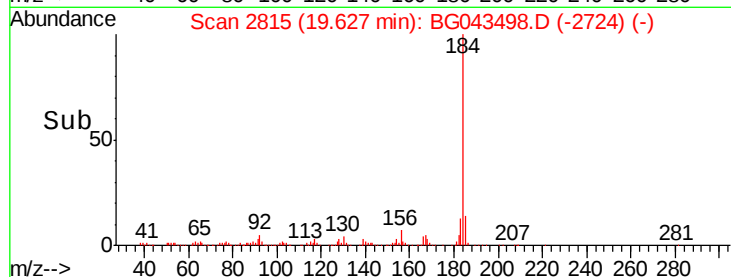
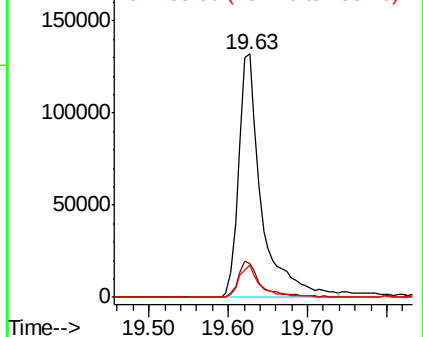
184 100

185 14.1 11.0 16.4

183 13.1 10.0 15.0



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: 39.126 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

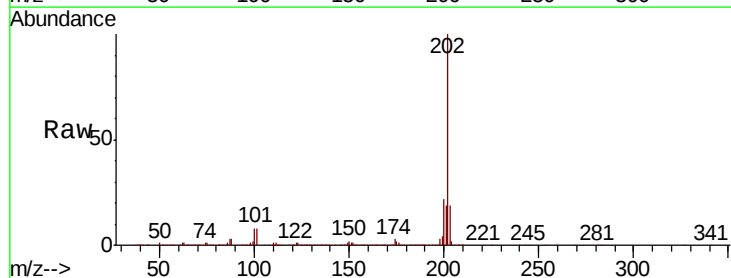
Tgt Ion:202 Resp: 745829

Ion Ratio Lower Upper

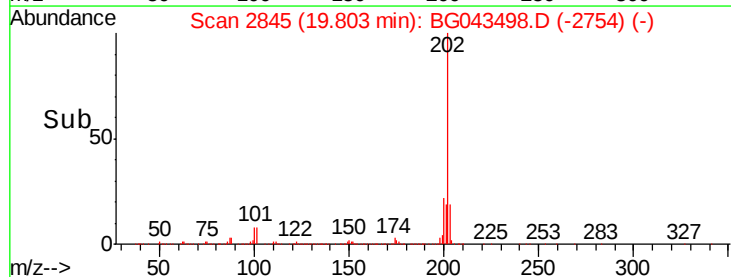
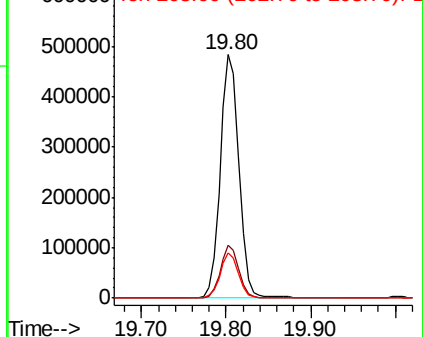
202 100

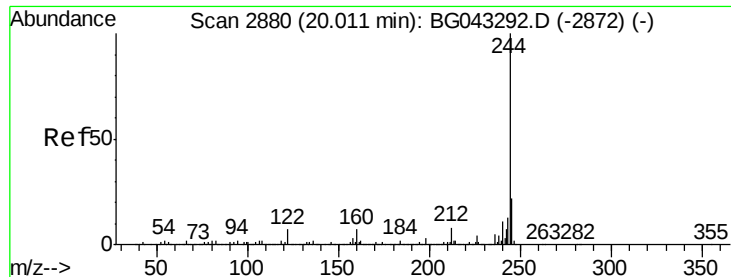
200 21.9 17.0 25.4

203 18.7 14.7 22.1



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: 78.029 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampled :

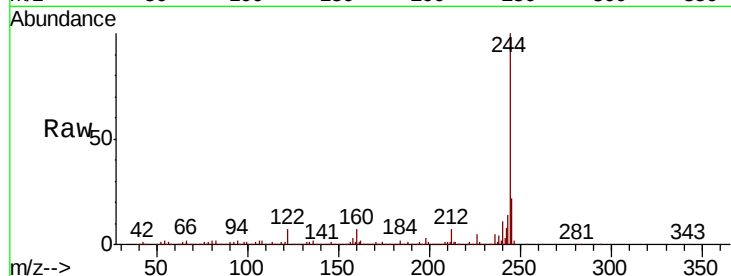
Tot Ion:244 Resp: 1280875

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

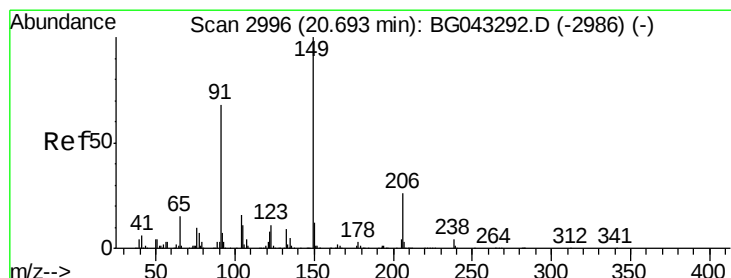
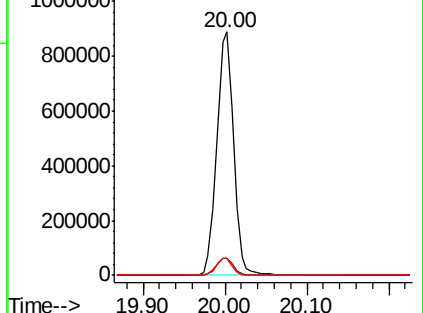
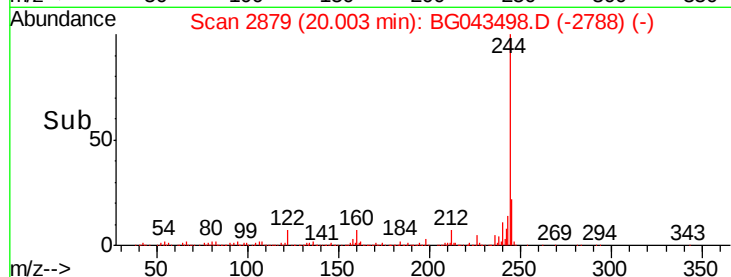
122 6.9 5.4 8.2



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: 40.803 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

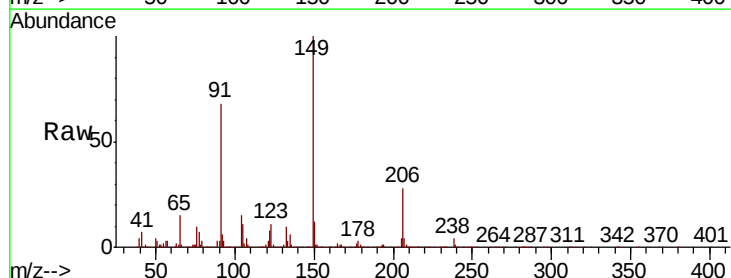
Tgt Ion:149 Resp: 294681

Ion Ratio Lower Upper

149 100

91 67.6 51.2 76.8

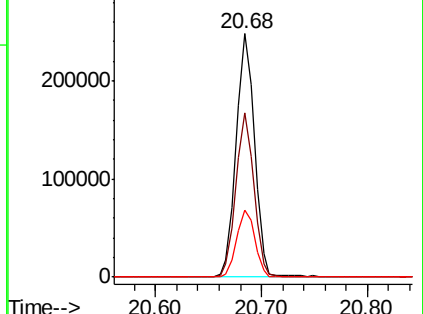
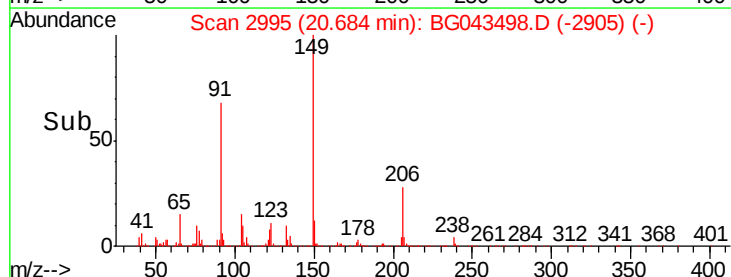
206 27.8 22.5 33.7

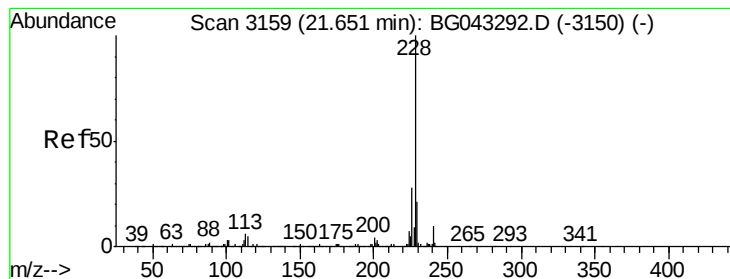


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.273 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

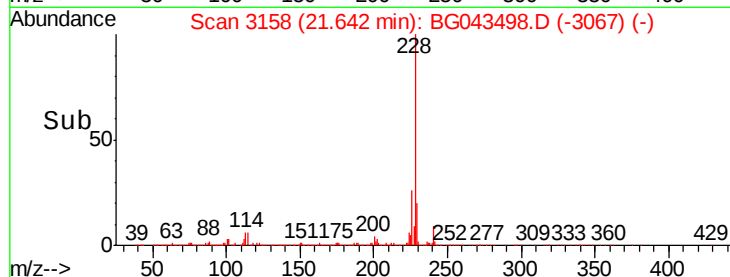
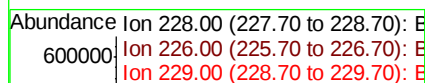
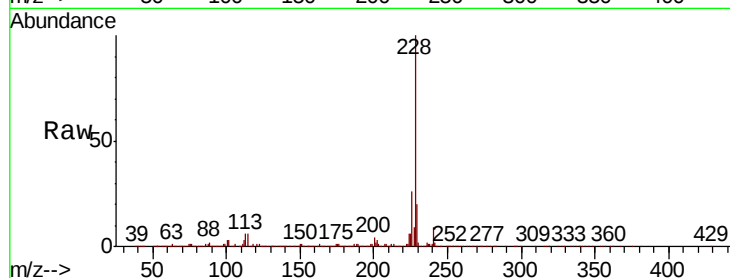
Instrument :

BNA\_G

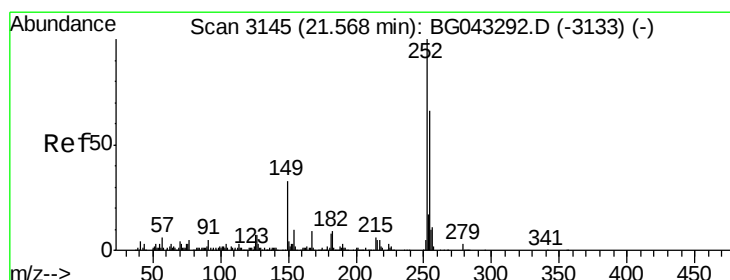
ClientSampleId :

Tot Ion:228 Resp: 776883

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.0  | 22.2  | 33.2  |
| 229 | 20.2  | 17.0  | 25.4  |



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 42.575 ng

RT: 21.55 min Scan# 3143

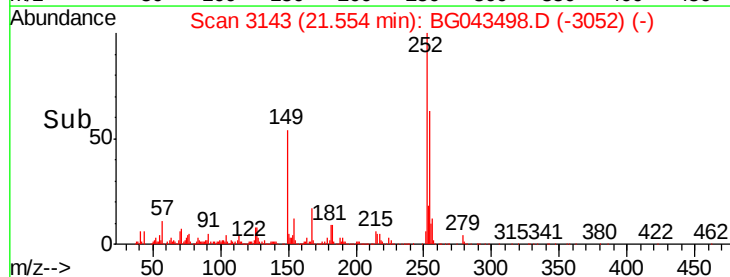
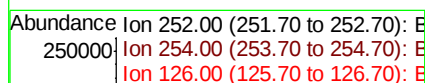
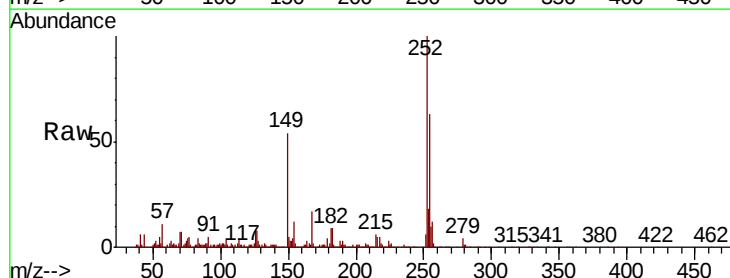
Delta R.T. 0.00 min

Lab File: BG043498.D

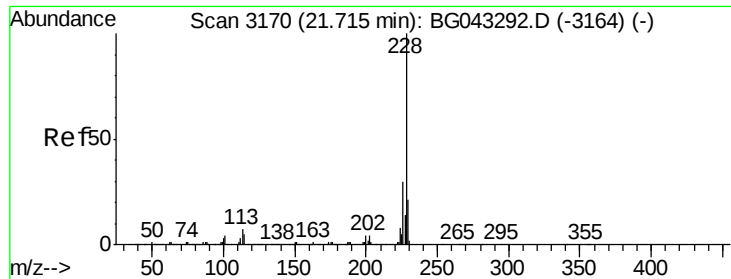
Acq: 5 Nov 2019 2:50

Tgt Ion:252 Resp: 317661

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.2  | 50.8  | 76.2  |
| 126 | 7.5   | 6.1   | 9.1   |



Time-->



#83

Chrysene

Concen: 39.864 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampleId :

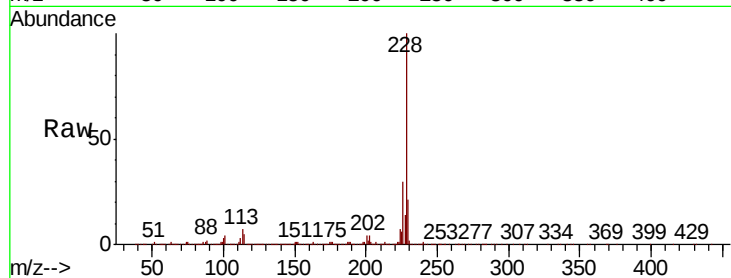
Tot Ion:228 Resp: 764062

Ion Ratio Lower Upper

228 100

226 30.4 25.1 37.7

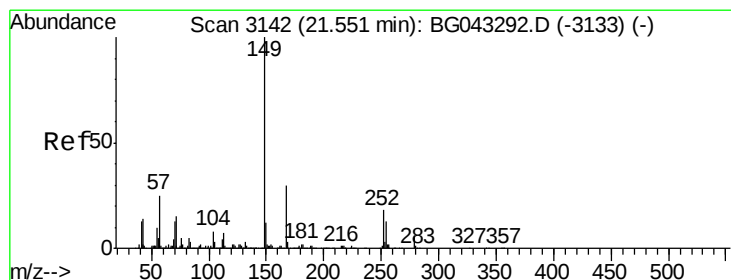
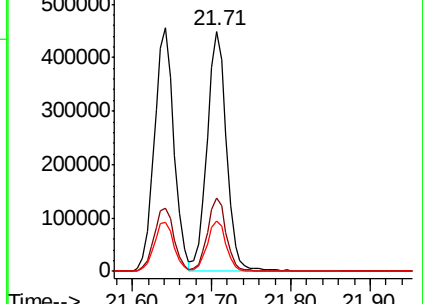
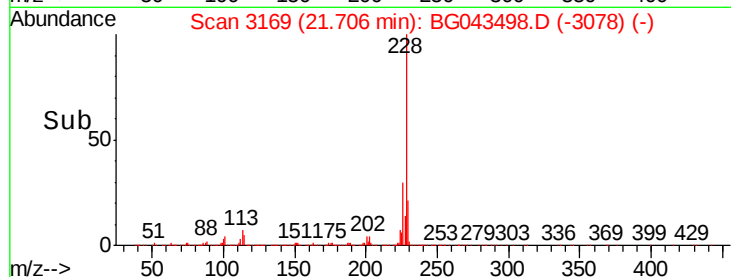
229 21.2 17.0 25.4



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: 40.832 ng

RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

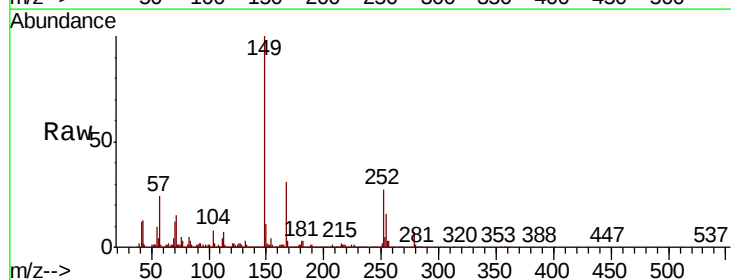
Tgt Ion:149 Resp: 418895

Ion Ratio Lower Upper

149 100

167 30.6 24.0 36.0

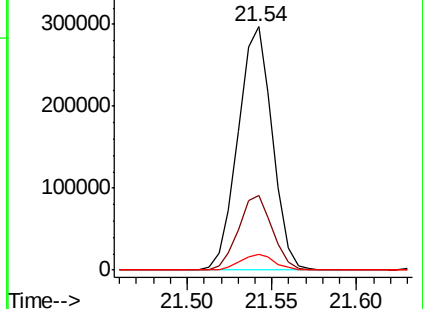
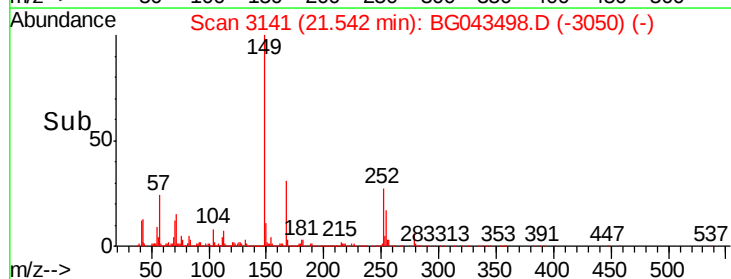
279 6.5 5.4 8.2

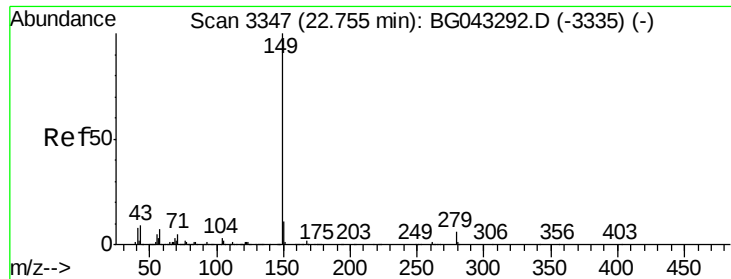


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.964 ng

RT: 22.74 min Scan# 3345

Delta R.T. 0.00 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

Instrument :

BNA\_G

ClientSampled :

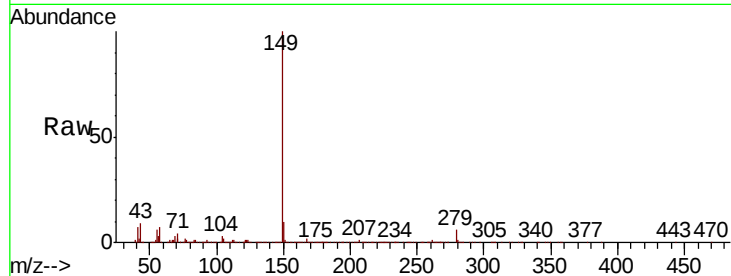
Tot Ion:149 Resp: 712978

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

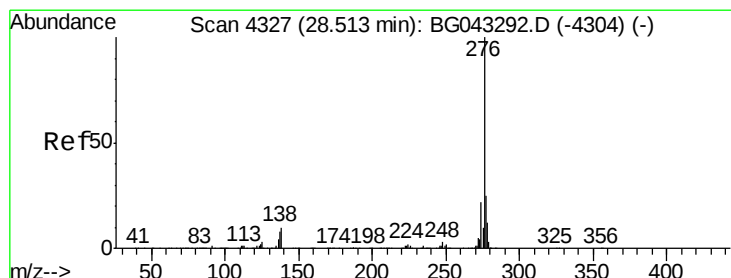
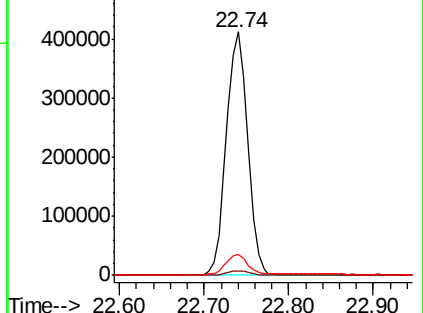
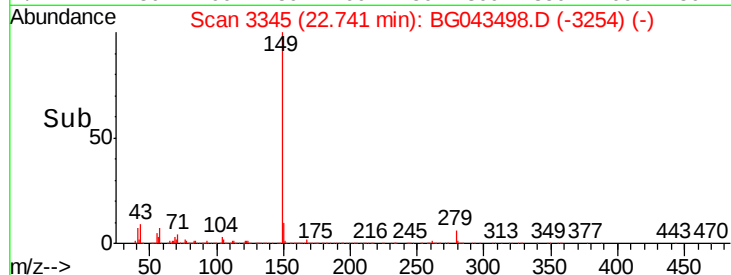
43 9.1 7.0 10.6



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: 38.808 ng

RT: 28.50 min Scan# 4326

Delta R.T. 0.01 min

Lab File: BG043498.D

Acq: 5 Nov 2019 2:50

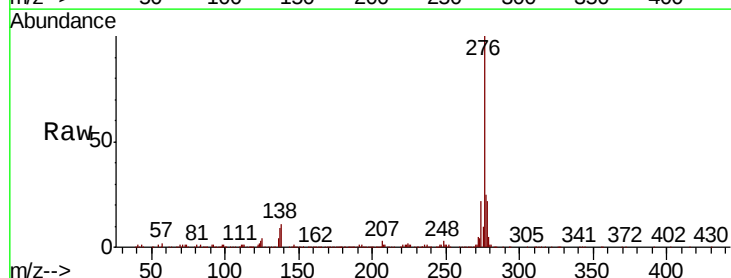
Tgt Ion:276 Resp: 933669

Ion Ratio Lower Upper

276 100

138 0.0 6.8 10.2#

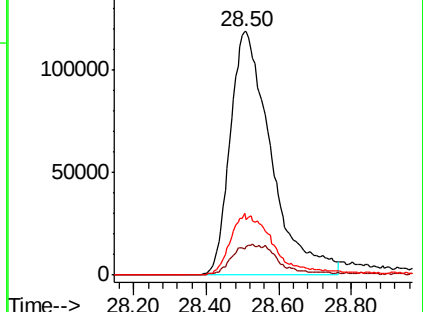
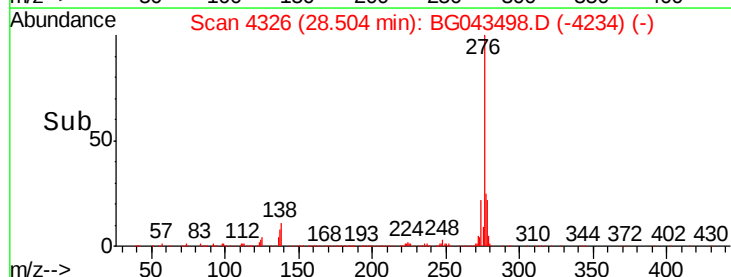
277 26.0 20.9 31.3

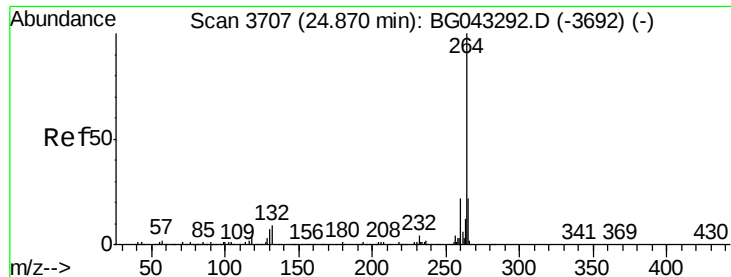


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



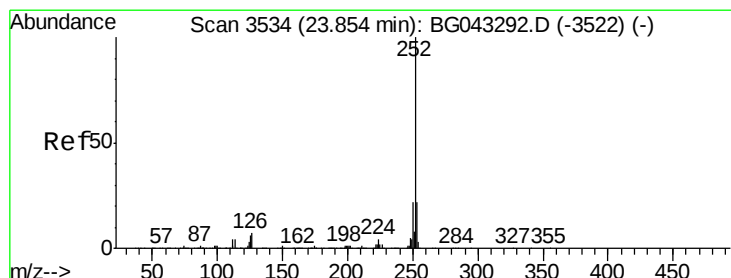
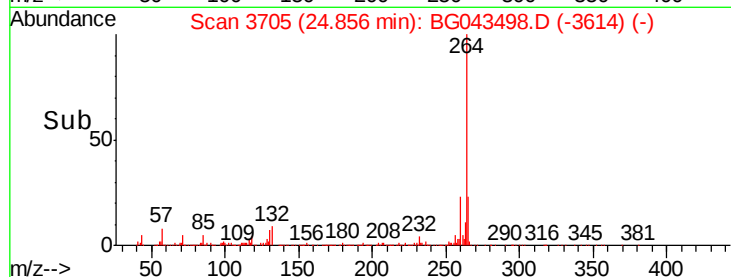
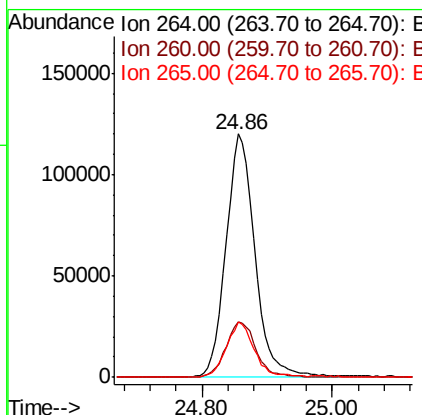
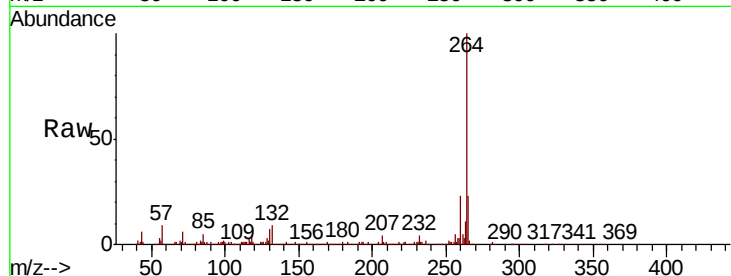


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.86 min Scan# 3705  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:264 Resp: 370892  

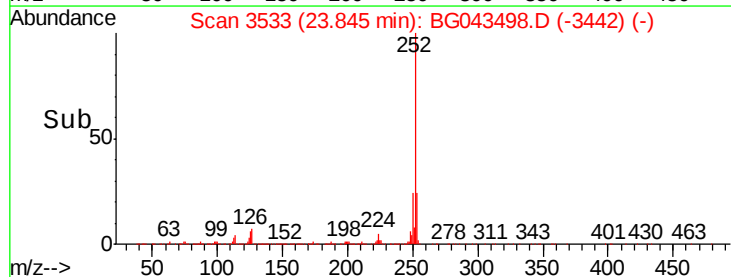
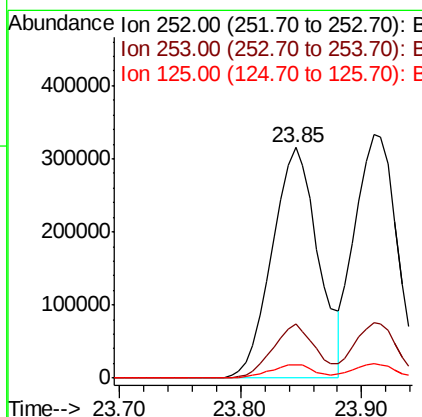
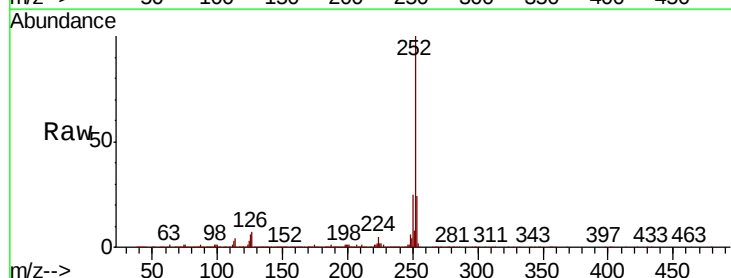
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.8  | 17.5  | 26.3  |
| 265 | 22.7  | 17.4  | 26.0  |

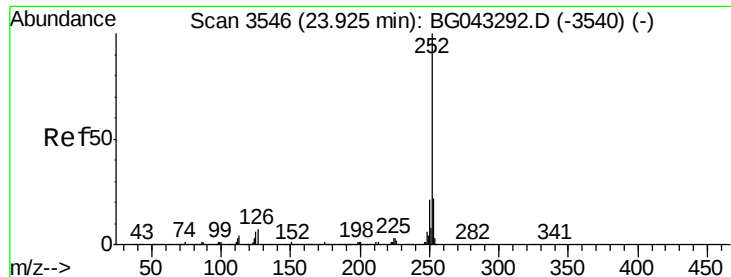


#88  
Benzo(b)fluoranthene  
Concen: 39.719 ng  
RT: 23.85 min Scan# 3533  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Tgt Ion:252 Resp: 834333  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.6  | 17.7  | 26.5  |
| 125 | 5.8   | 4.5   | 6.7   |

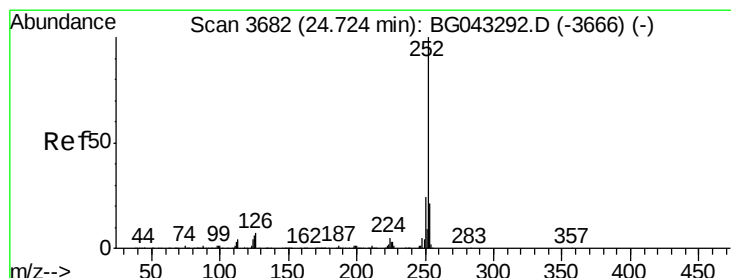
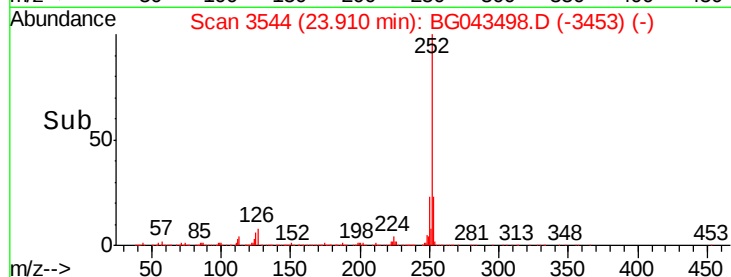
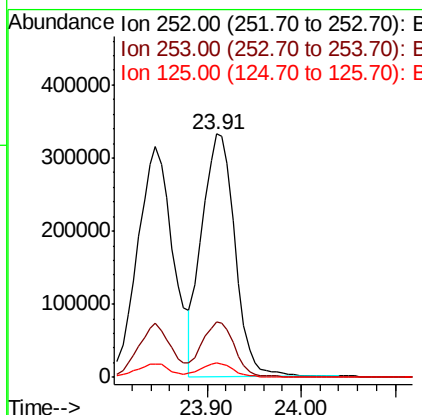
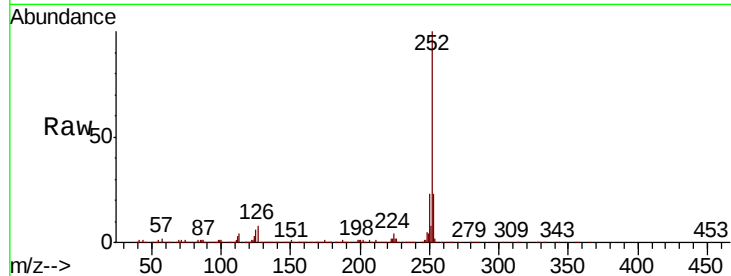




#89  
Benzo(k)fluoranthene  
Concen: 38.503 ng  
RT: 23.91 min Scan# 3544  
Delta R.T. 0.00 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

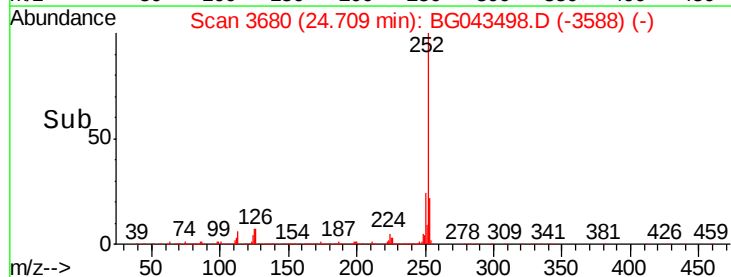
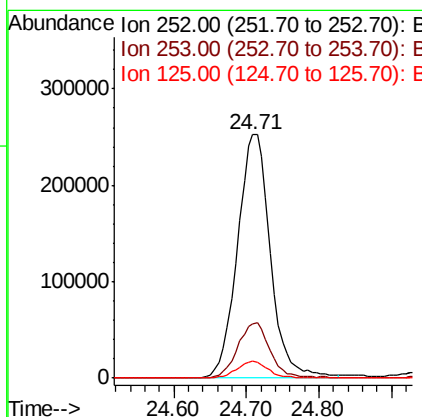
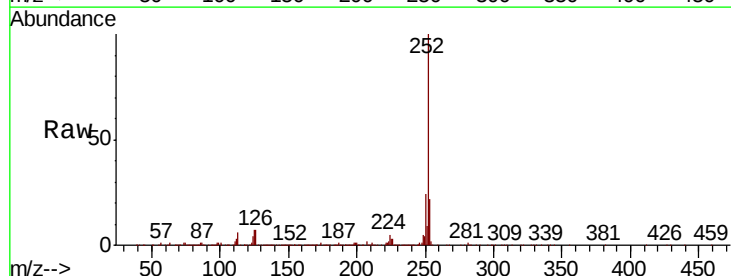
Instrument :  
BNA\_G  
ClientSampleId :

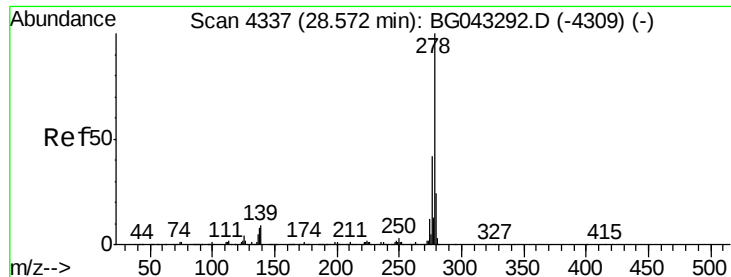
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.3  | 25.9  |
| 125     | 6.0   | 4.6   | 6.8   |



#90  
Benzo(a)pyrene  
Concen: 39.660 ng  
RT: 24.71 min Scan# 3680  
Delta R.T. 0.01 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.8  | 26.8  |
| 125     | 7.0   | 5.4   | 8.2   |

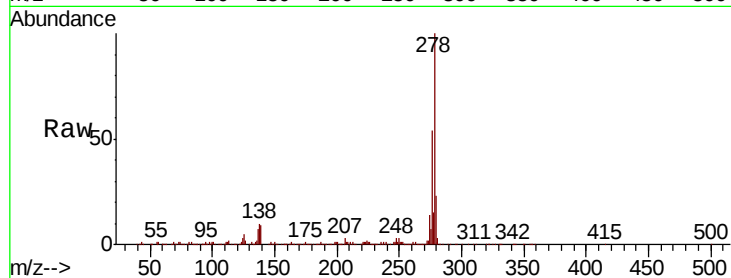




#91  
Dibenzo(a,h)anthracene  
Concen: 37.626 ng  
RT: 28.56 min Scan# 4336  
Delta R.T. 0.01 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.3   | 7.4   | 11.0  |
| 279     | 23.3  | 19.1  | 28.7  |

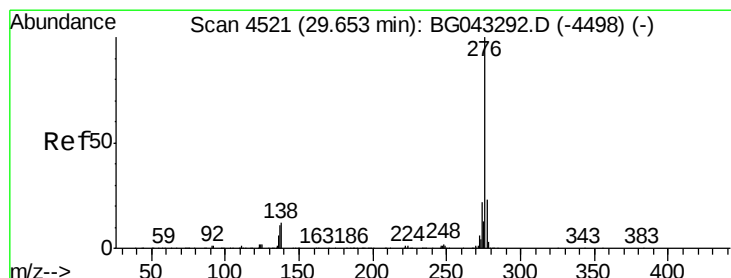
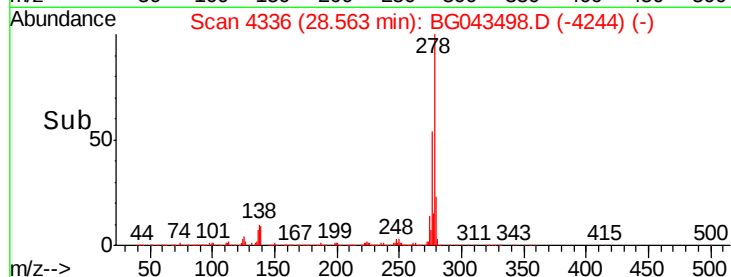
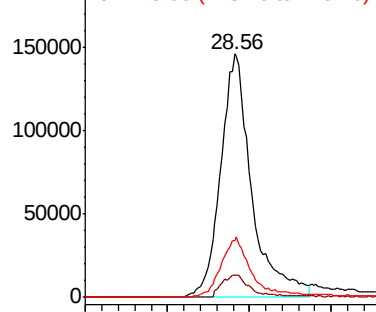


Abundance

Ion 278.00 (277.70 to 278.70): E

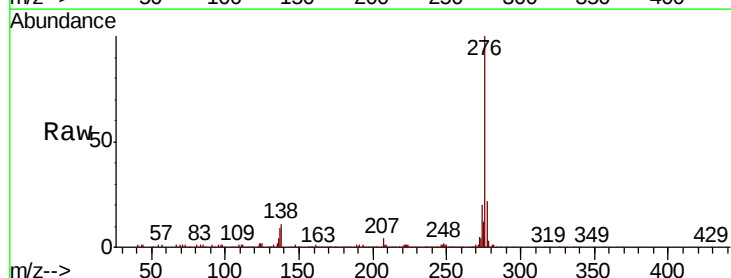
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 33.752 ng  
RT: 29.65 min Scan# 4521  
Delta R.T. 0.02 min  
Lab File: BG043498.D  
Acq: 5 Nov 2019 2:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 21.8  | 18.9  | 28.3  |
| 138     | 11.1  | 8.9   | 13.3  |



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

