

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\  
 Data File : BG043595.D  
 Acq On : 11 Nov 2019 22:34  
 Operator : JU  
 Sample : K5782-05MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

Quant Time: Nov 12 00:49:29 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 | 8.00  | 152  | 31036    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 136162   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.63 | 164  | 107937   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.38 | 188  | 272780   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.65 | 240  | 234743   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.83 | 264  | 255159   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.60  | 112  | 173588   | 102.49 | ng    | 0.00     |
| 7) Phenol-d6                | 7.20  | 99   | 257537   | 105.69 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 155125   | 58.73  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.13 | 330  | 171580   | 83.53  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.26 | 172  | 439813   | 56.30  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.99 | 244  | 941745   | 75.26  | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.45  | 88   | 17840    | 27.030 | ng    | # 89   |
| 3) Pyridine                    | 3.87  | 79   | 47928    | 28.787 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42   | 35237    | 41.942 | ng    | # 83   |
| 6) Aniline                     | 7.33  | 93   | 76238    | 27.159 | ng    | 94     |
| 8) 2-Chlorophenol              | 7.58  | 128  | 87781    | 46.951 | ng    | 97     |
| 9) Benzaldehyde                | 7.14  | 77   | 39509    | 32.991 | ng    | 90     |
| 10) Phenol                     | 7.23  | 94   | 122017   | 54.796 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93   | 68423    | 39.744 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 87114    | 37.188 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146  | 90753    | 38.292 | ng    | 96     |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146  | 87964    | 38.012 | ng    | 95     |
| 15) Benzyl Alcohol             | 8.25  | 79   | 80863    | 47.250 | ng    | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45   | 94709    | 37.833 | ng    | 96     |
| 17) 2-Methylphenol             | 8.47  | 107  | 77405    | 47.684 | ng    | 94     |
| 18) Hexachloroethane           | 9.08  | 117  | 31588    | 36.941 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70   | 65191    | 41.401 | ng    | 94     |
| 20) 3+4-Methylphenols          | 8.80  | 107  | 103170   | 46.349 | ng    | 92     |
| 22) Acetophenone               | 8.83  | 105  | 130462   | 37.414 | ng    | # 92   |
| 24) Nitrobenzene               | 9.21  | 77   | 98740    | 39.245 | ng    | # 98   |
| 25) Isophorone                 | 9.72  | 82   | 194357   | 40.250 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.92  | 139  | 51985    | 42.798 | ng    | # 89   |
| 27) 2,4-Dimethylphenol         | 9.99  | 122  | 88226    | 50.677 | ng    | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93   | 104877   | 39.353 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162  | 99067    | 44.412 | ng    | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180  | 102606   | 36.496 | ng    | 95     |
| 31) Naphthalene                | 10.86 | 128  | 273087   | 39.512 | ng    | 98     |
| 32) Benzoic acid               | 10.19 | 122  | 48556    | 38.690 | ng    | 98     |
| 33) 4-Chloroaniline            | 10.98 | 127  | 47292    | 16.693 | ng    | 97     |
| 34) Hexachlorobutadiene        | 11.14 | 225  | 72435    | 34.854 | ng    | 94     |
| 35) Caprolactam                | 11.75 | 113  | 15134    | 19.700 | ng    | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 113390   | 46.602 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.46 | 142  | 219323   | 41.358 | ng    | 95     |
| 38) 1-Methylnaphthalene        | 12.68 | 142  | 208341   | 41.290 | ng    | 95     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216  | 140670   | 35.215 | ng    | 98     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 140078   | 66.755 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 93401    | 39.704 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 105215   | 44.240 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.47 | 154  | 302194   | 36.802 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.51 | 162  | 234625   | 37.554 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.72 | 65   | 75192    | 40.268 | ng    | 96       |
| 49) Acenaphthylene             | 14.35 | 152  | 395109   | 40.634 | ng    | 99       |
| 50) Dimethylphthalate          | 14.09 | 163  | 364498   | 43.598 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.21 | 165  | 75671    | 41.662 | ng    | 99       |
| 52) Acenaphthene               | 14.69 | 154  | 231174   | 38.985 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.55 | 138  | 39358    | 22.444 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.75 | 184  | 85749    | 76.004 | ng    | 99       |
| 55) Dibenzofuran               | 15.03 | 168  | 386151   | 40.157 | ng    | 96       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 104411   | 88.850 | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 15.00 | 165  | 109307   | 42.111 | ng    | 96       |
| 58) Fluorene                   | 15.68 | 166  | 325757   | 40.390 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 107643   | 42.600 | ng    | 95       |
| 60) Diethylphthalate           | 15.45 | 149  | 335059   | 39.886 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 186151   | 39.564 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 74886    | 41.350 | ng    | 98       |
| 63) Azobenzene                 | 15.96 | 77   | 280500   | 41.258 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 68776    | 42.843 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.89 | 169  | 295295   | 38.344 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 136715   | 37.242 | ng    | 95       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 150127   | 35.627 | ng    | 93       |
| 69) Atrazine                   | 16.84 | 200  | 133735   | 49.975 | ng    | 97       |
| 70) Pentachlorophenol          | 17.04 | 266  | 150483   | 78.373 | ng    | 99       |
| 71) Phenanthrene               | 17.42 | 178  | 538136   | 38.525 | ng    | 99       |
| 72) Anthracene                 | 17.51 | 178  | 559176   | 40.011 | ng    | 99       |
| 73) Carbazole                  | 17.79 | 167  | 508863   | 40.207 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 612227   | 39.868 | ng    | 99       |
| 75) Fluoranthene               | 19.43 | 202  | 732112   | 40.203 | ng    | 99       |
| 77) Benzidine                  | 19.61 | 184  | 221286   | 46.840 | ng    | 98       |
| 78) Pyrene                     | 19.79 | 202  | 729897   | 50.233 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 239073   | 43.429 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.63 | 228  | 611772   | 41.605 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 100682   | 17.703 | ng    | 100      |
| 83) Chrysene                   | 21.69 | 228  | 585249   | 40.059 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 293062   | 37.477 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.72 | 149  | 502625   | 37.885 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 698082   | 38.066 | ng    | # 99     |
| 88) Benzo(b)fluoranthene       | 23.82 | 252  | 580676   | 40.181 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.88 | 252  | 577383   | 39.687 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.68 | 252  | 539206   | 39.073 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.52 | 278  | 594950   | 42.149 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.59 | 276  | 588626   | 42.276 | ng    | 98       |

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



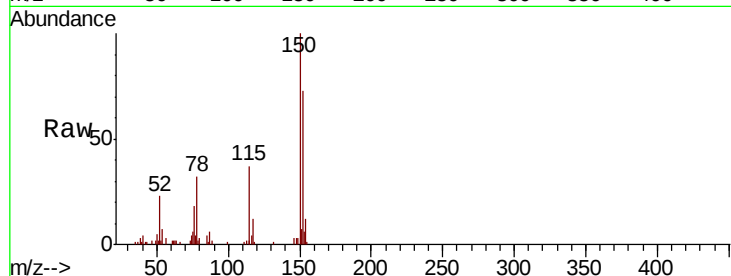


#1

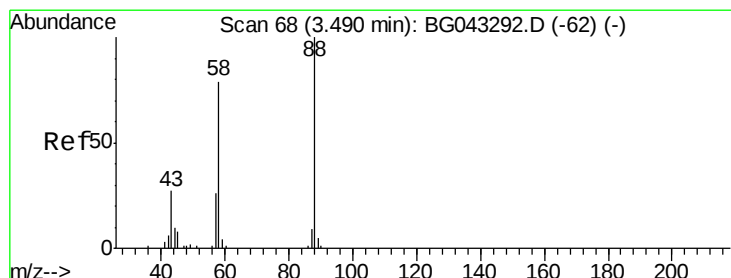
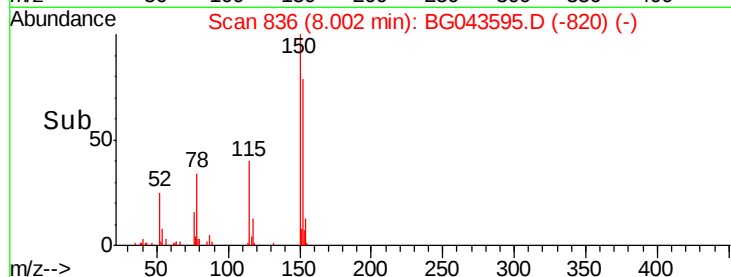
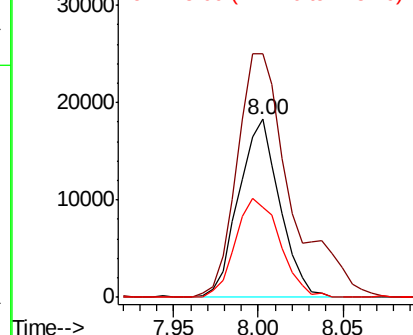
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

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Tot Ion:152 Resp: 31036  
Ion Ratio Lower Upper  
152 100  
150 136.8 129.4 194.0  
115 50.3 48.8 73.2



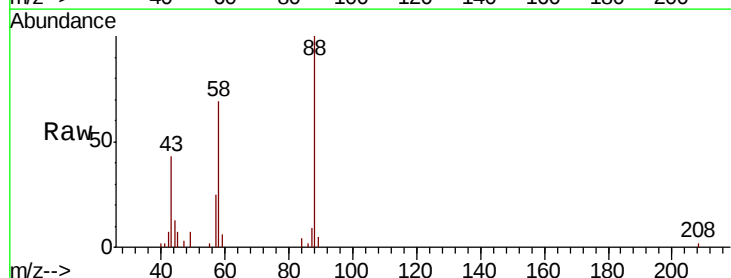
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



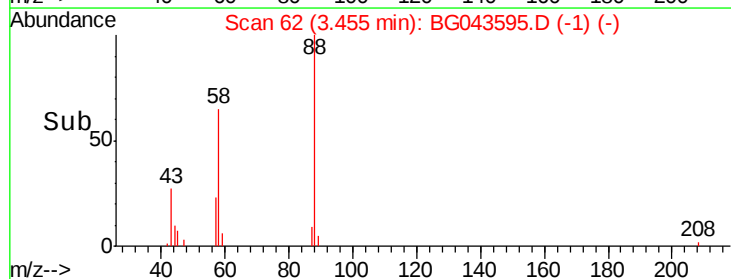
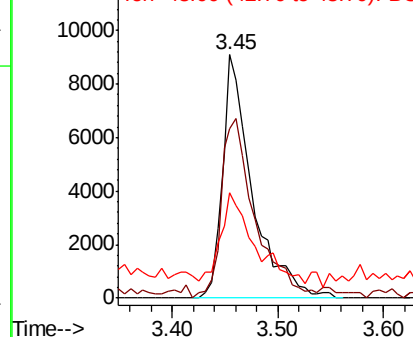
#2

1,4-Dioxane  
Concen: 27.030 ng  
RT: 3.45 min Scan# 62  
Delta R.T. -0.02 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Tgt Ion: 88 Resp: 17840  
Ion Ratio Lower Upper  
88 100  
58 84.6 62.7 94.1  
43 41.2 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: 28.787 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

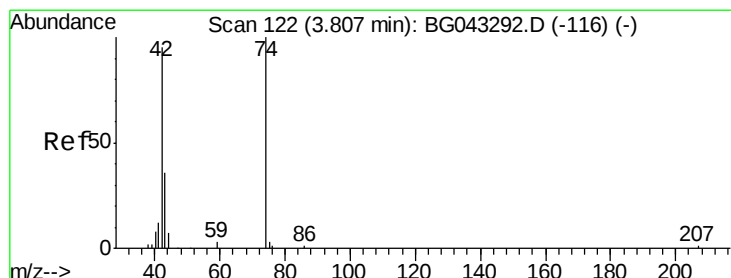
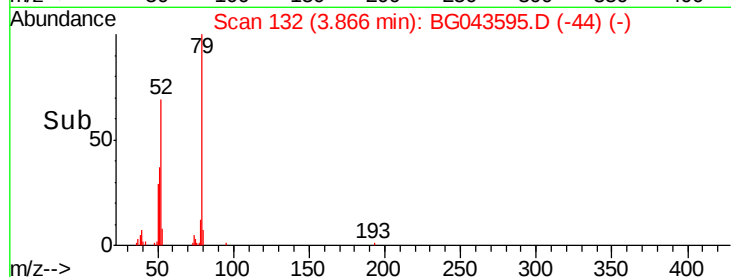
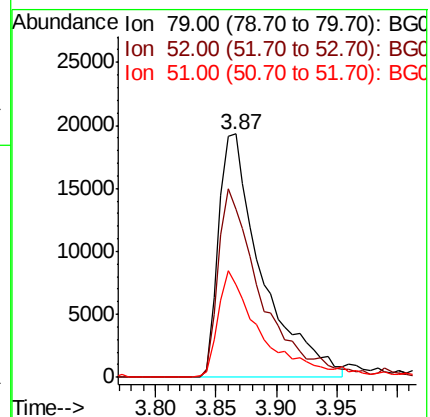
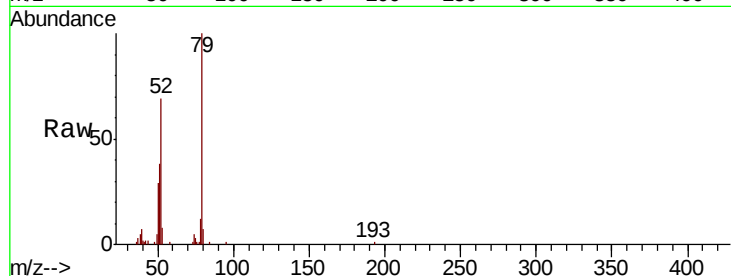
Tot Ion: 79 Resp: 47928

Ion Ratio Lower Upper

79 100

52 68.9 56.5 84.7

51 38.1 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 41.942 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

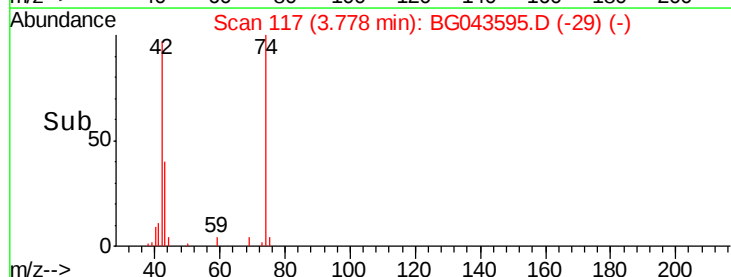
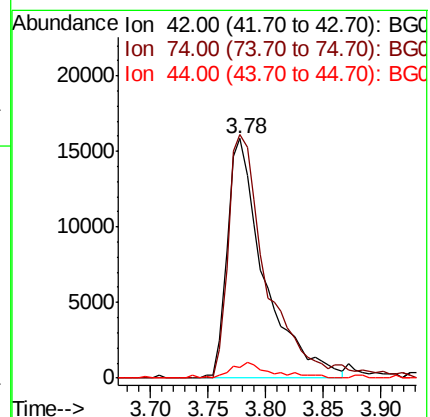
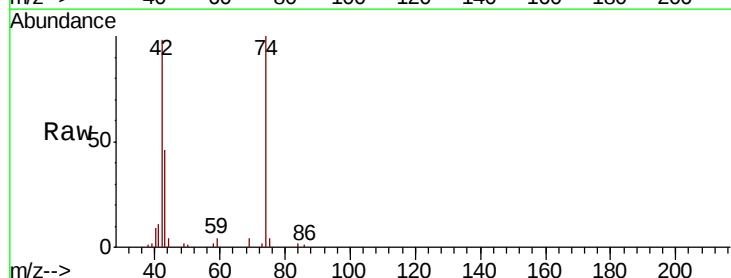
Tgt Ion: 42 Resp: 35237

Ion Ratio Lower Upper

42 100

74 101.8 97.3 145.9

44 4.3 4.4 6.6#





#5

2-Fluorophenol

Concen: 102.491 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

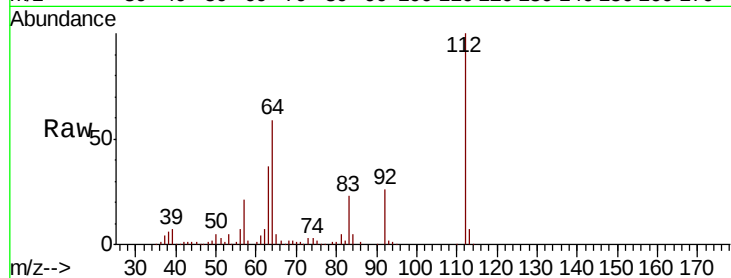
Tot Ion:112 Resp: 173588

Ion Ratio Lower Upper

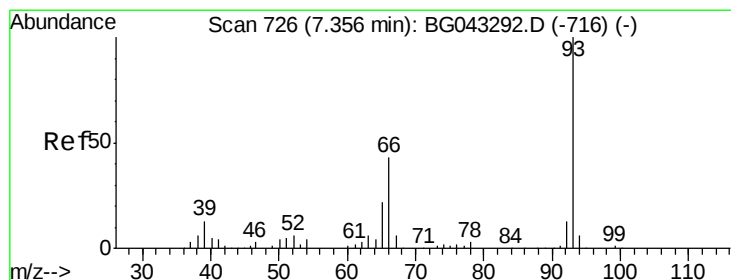
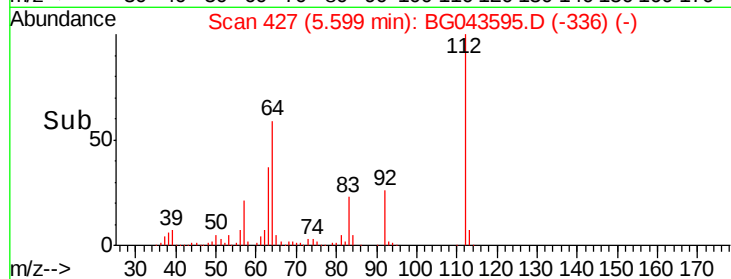
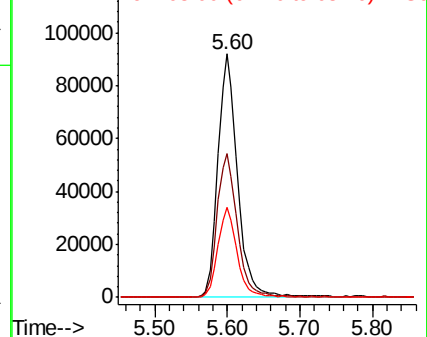
112 100

64 59.1 50.0 75.0

63 37.0 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: 27.159 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

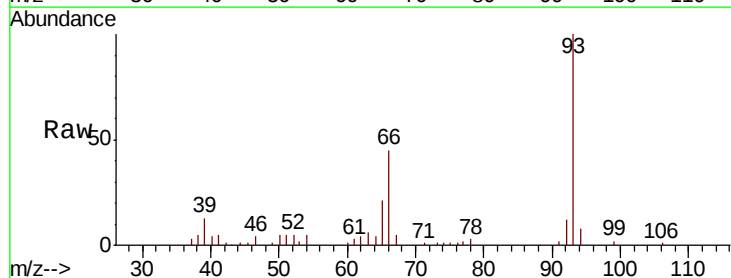
Tgt Ion: 93 Resp: 76238

Ion Ratio Lower Upper

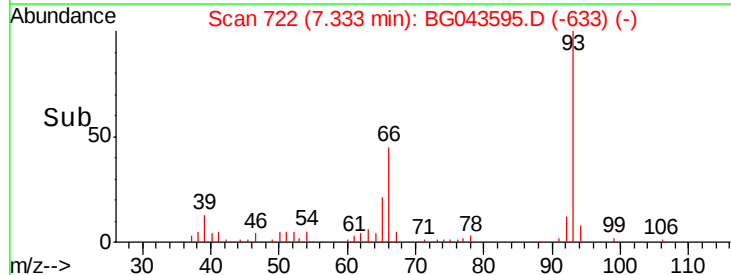
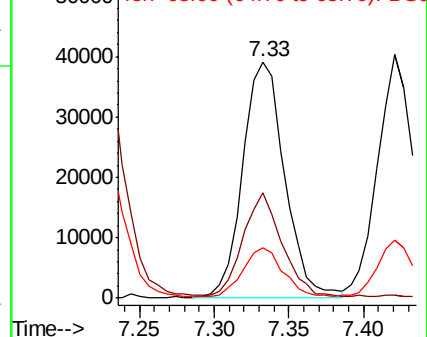
93 100

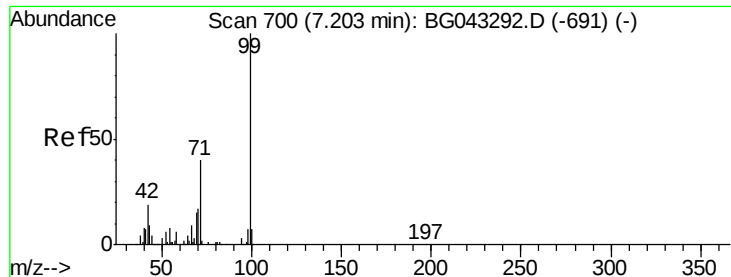
66 44.6 32.3 48.5

65 21.4 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: 105.686 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043595.D

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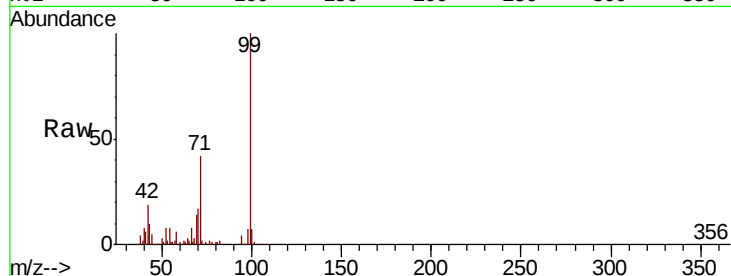
Tot Ion: 99 Resp: 257537

Ion Ratio Lower Upper

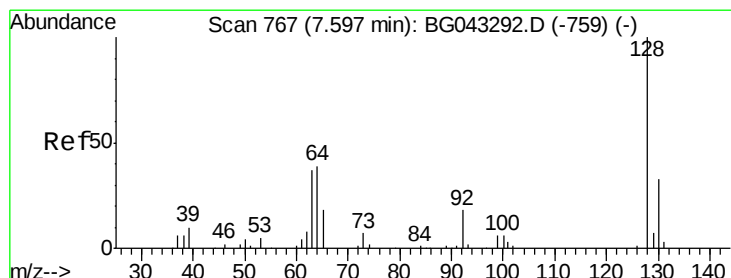
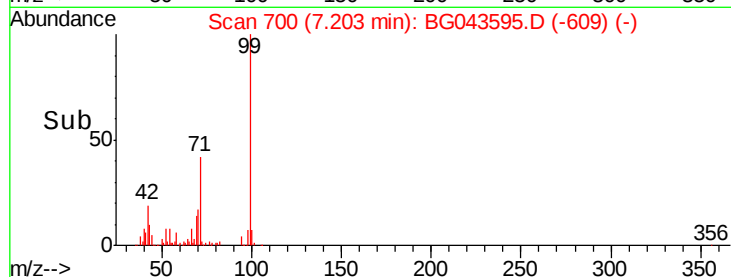
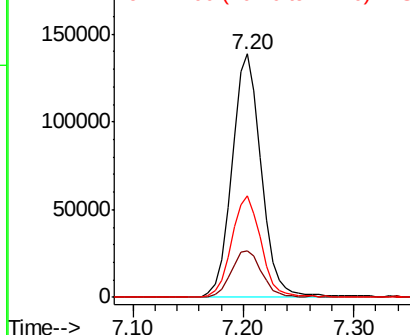
99 100

42 19.3 14.6 21.8

71 41.9 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: 46.951 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

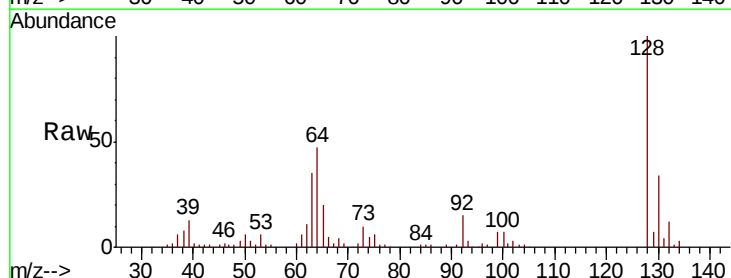
Tgt Ion: 128 Resp: 87781

Ion Ratio Lower Upper

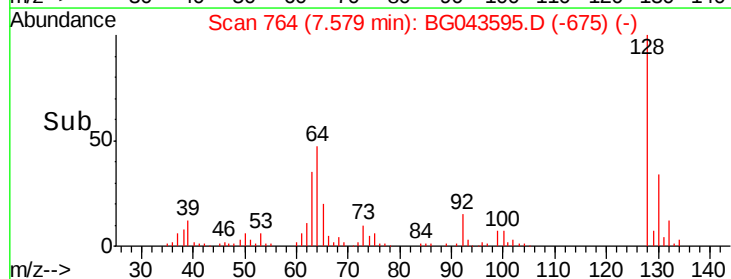
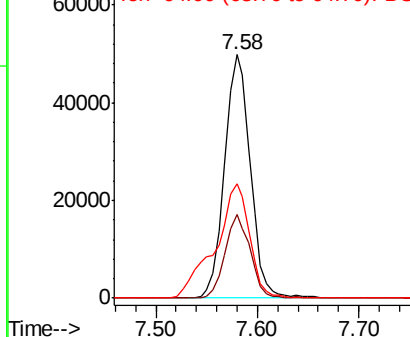
128 100

130 34.2 12.5 52.5

64 47.0 25.3 65.3



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





#9

Benzaldehyde

Concen: 32.991 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043595.D

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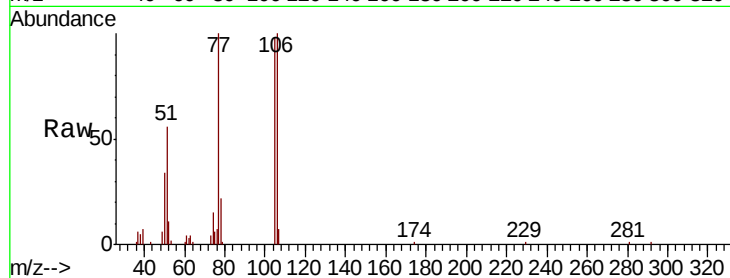
Tot Ion: 77 Resp: 39509

Ion Ratio Lower Upper

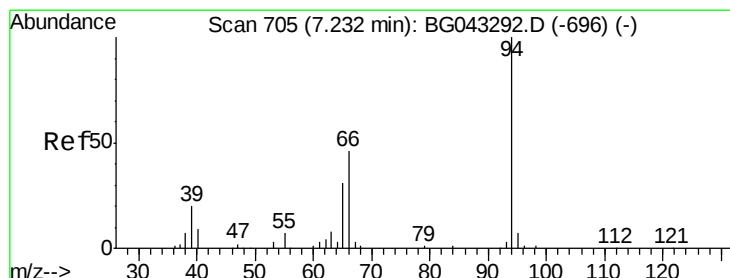
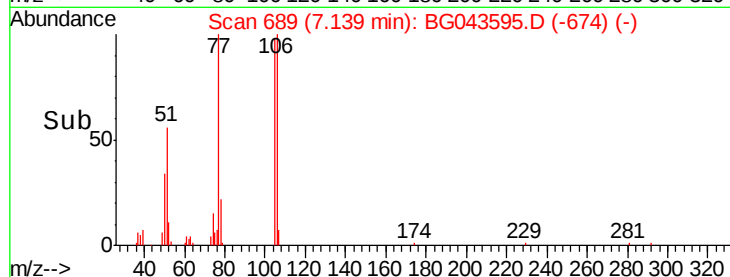
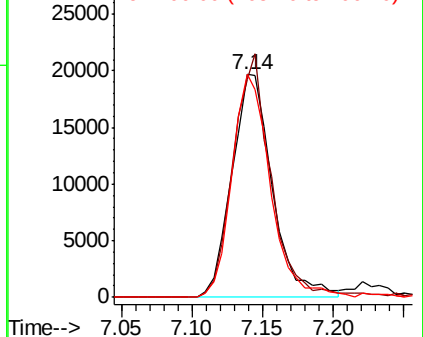
77 100

105 98.0 68.6 108.6

106 100.0 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: 54.796 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

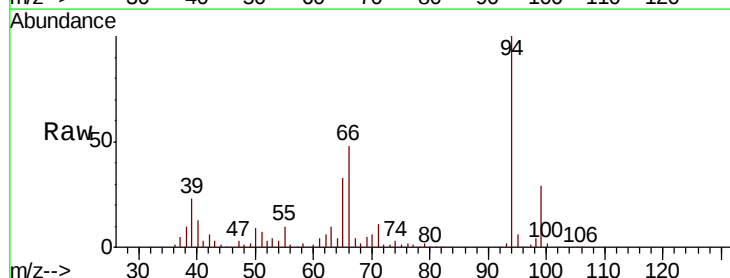
Tgt Ion: 94 Resp: 122017

Ion Ratio Lower Upper

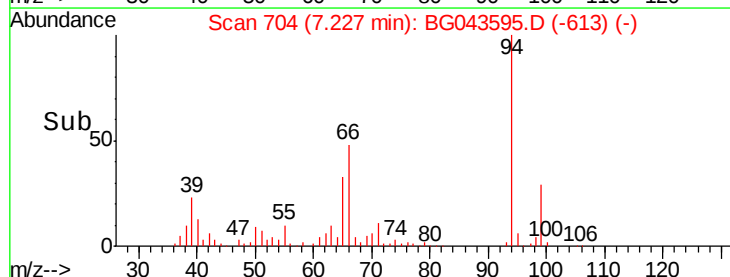
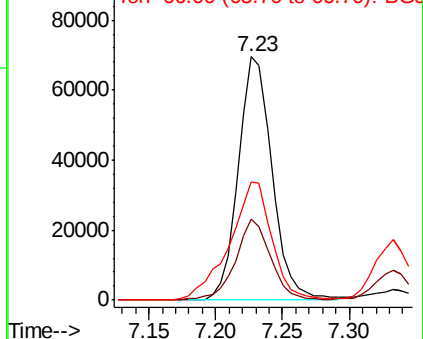
94 100

65 33.2 12.6 52.6

66 48.4 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

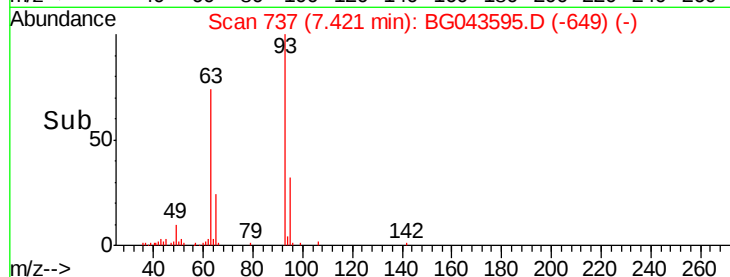
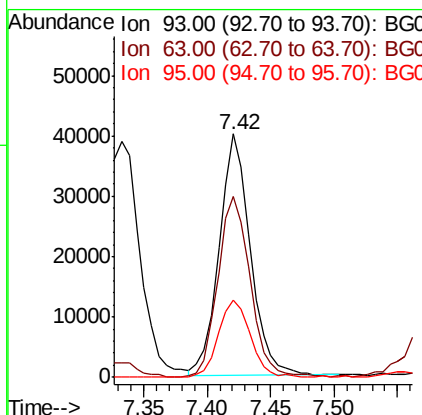
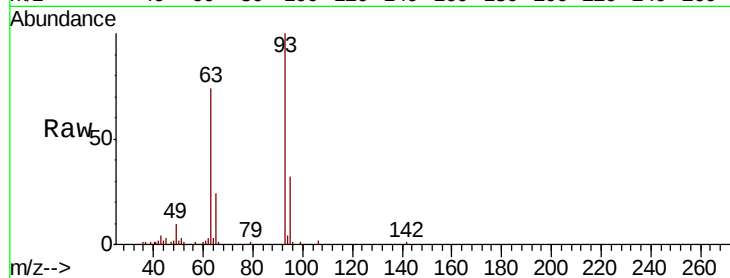




#11  
bis(2-Chloroethyl)ether  
Concen: 39.744 ng  
RT: 7.42 min Scan# 737  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

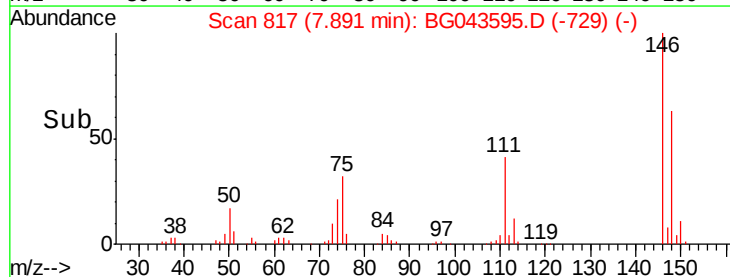
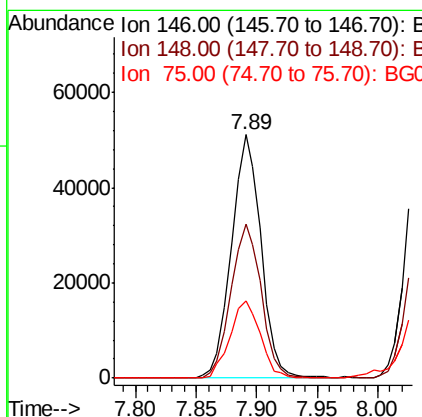
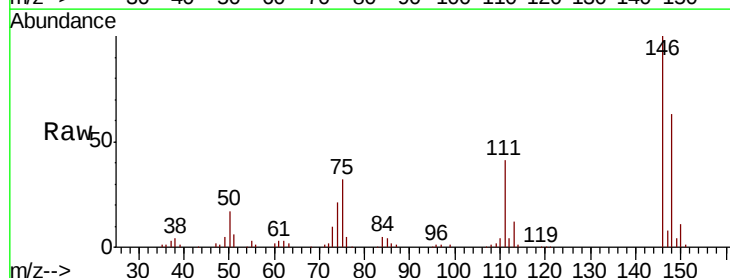
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

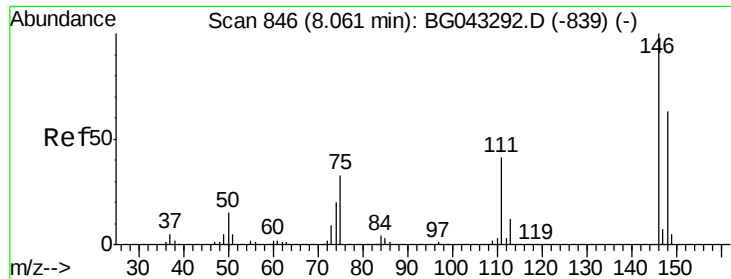
Tot Ion: 93 Resp: 68423  
Ion Ratio Lower Upper  
93 100  
63 74.3 56.3 96.3  
95 31.8 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 37.188 ng  
RT: 7.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Tgt Ion: 146 Resp: 87114  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.3 75.5  
75 31.9 24.6 37.0

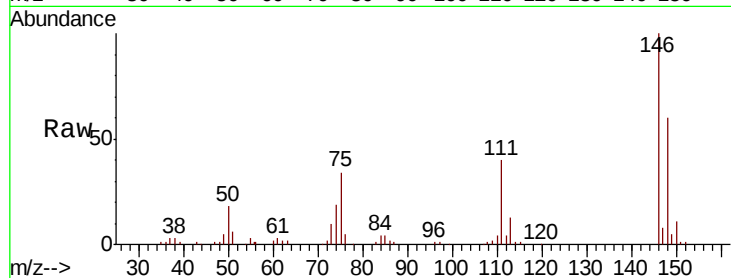




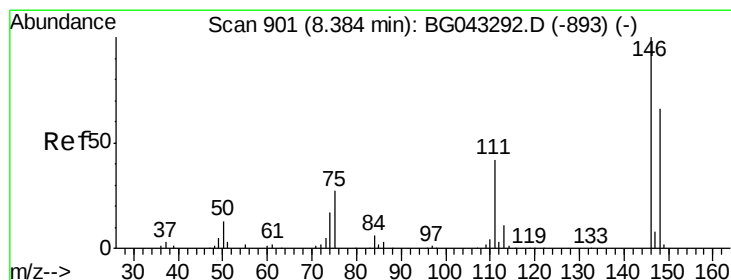
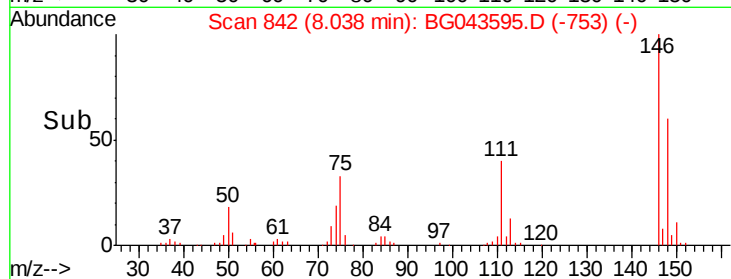
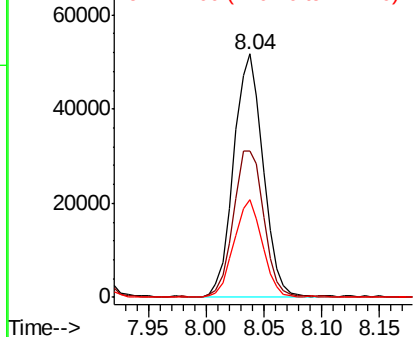
#13  
 1,4-Dichlorobenzene  
 Concen: 38.292 ng  
 RT: 8.04 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

Tot Ion:146 Resp: 90753  
 Ion Ratio Lower Upper  
 146 100  
 148 60.2 50.7 76.1  
 111 39.9 33.4 50.2

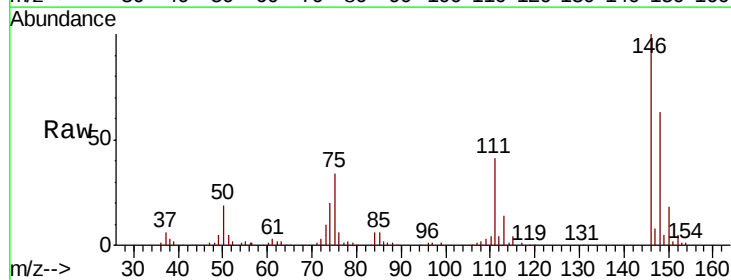


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

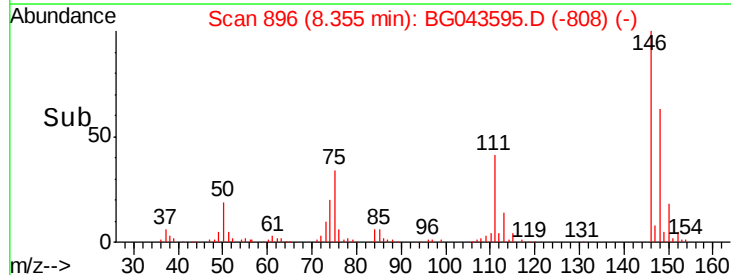
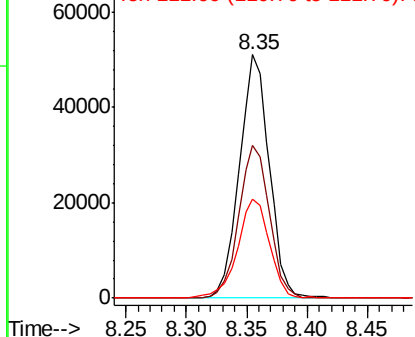


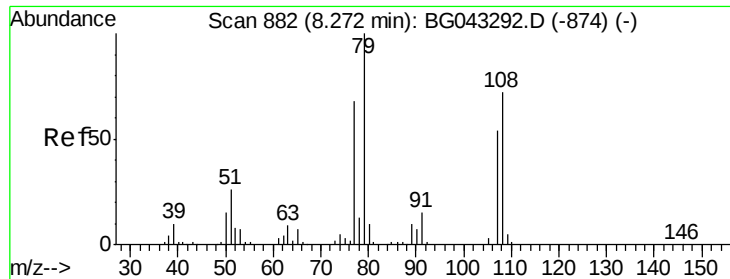
#14  
 1,2-Dichlorobenzene  
 Concen: 38.012 ng  
 RT: 8.35 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Tgt Ion:146 Resp: 87964  
 Ion Ratio Lower Upper  
 146 100  
 148 62.6 53.2 79.8  
 111 40.9 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: 47.250 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

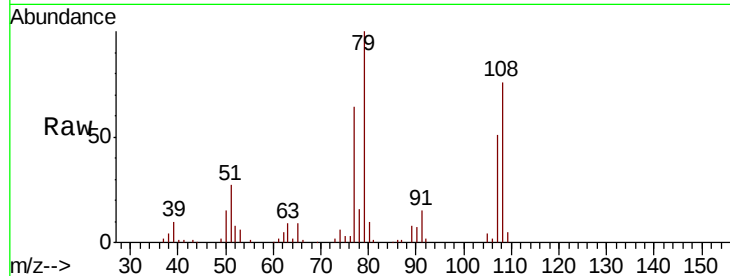
Tot Ion: 79 Resp: 80863

Ion Ratio Lower Upper

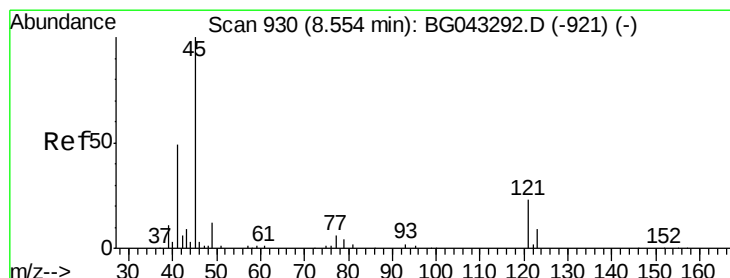
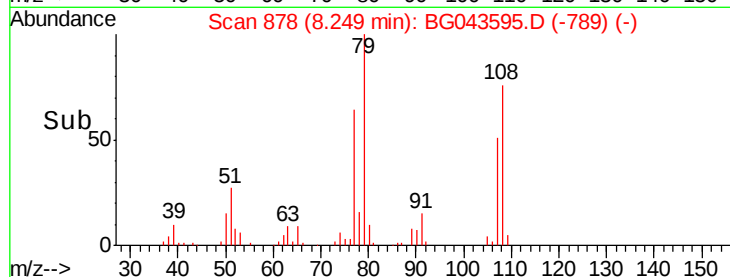
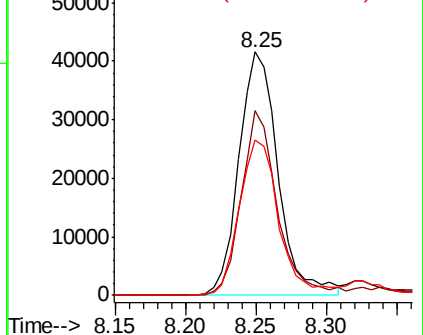
79 100

108 76.0 53.6 80.4

77 63.9 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: 37.833 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

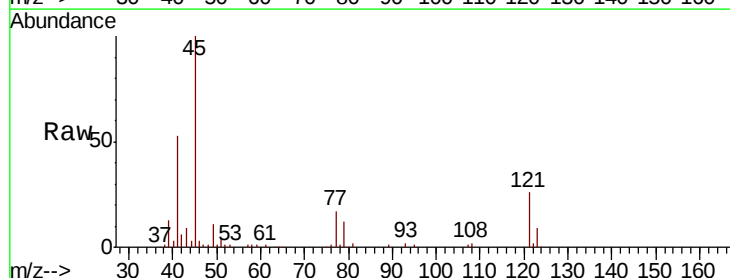
Tgt Ion: 45 Resp: 94709

Ion Ratio Lower Upper

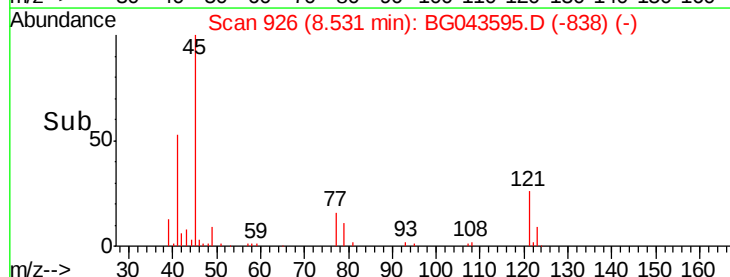
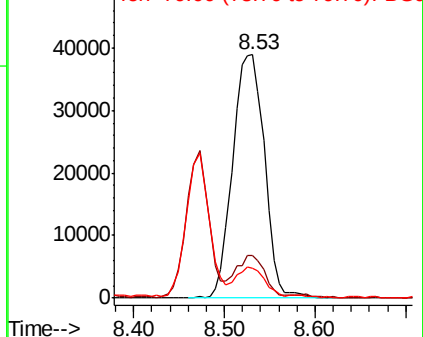
45 100

77 17.4 0.0 34.9

79 12.3 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: 47.684 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

Tot Ion:107 Resp: 77405

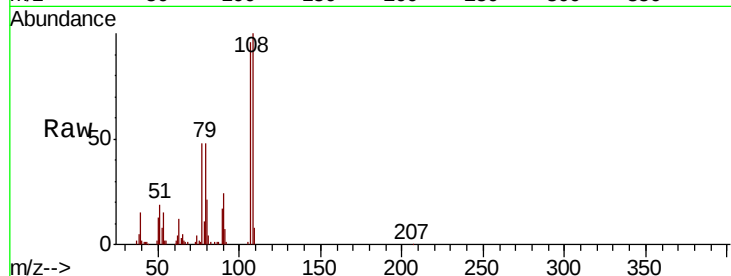
Ion Ratio Lower Upper

107 100

108 104.1 90.2 135.4

77 50.3 40.2 60.2

79 49.9 44.0 66.0

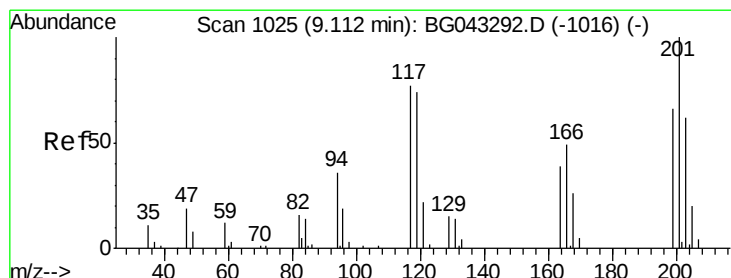
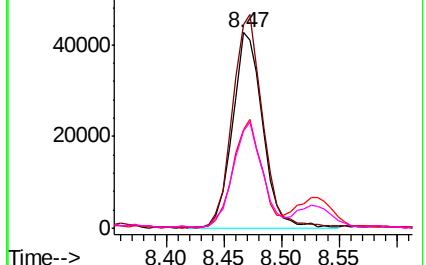
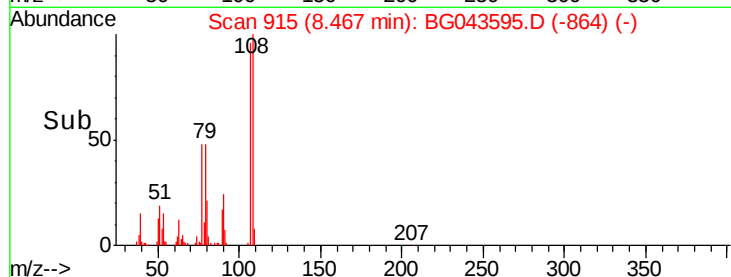


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.941 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

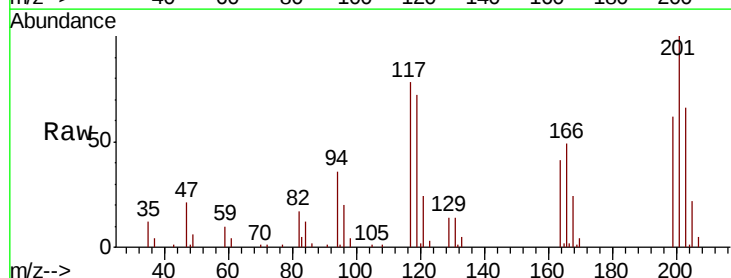
Tgt Ion:117 Resp: 31588

Ion Ratio Lower Upper

117 100

119 93.0 79.0 118.4

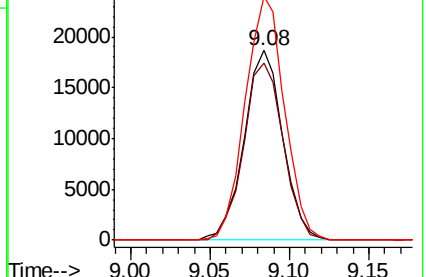
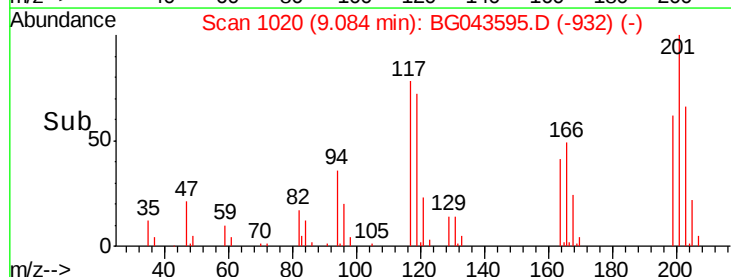
201 128.3 105.4 158.2

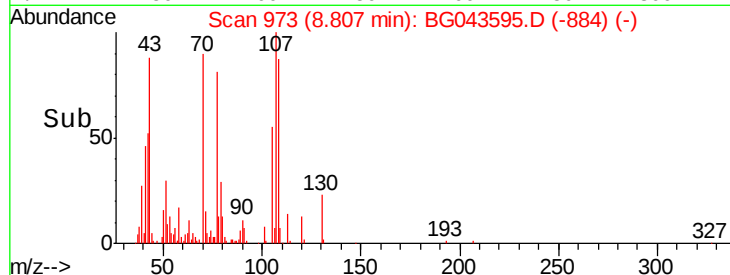
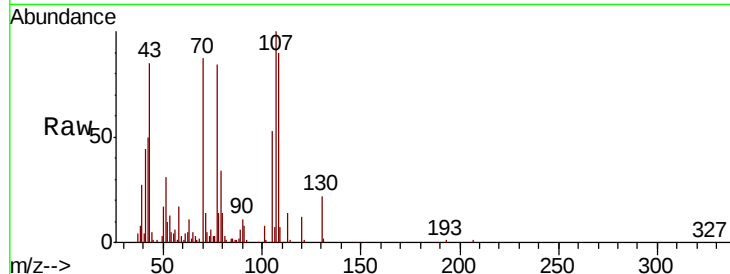
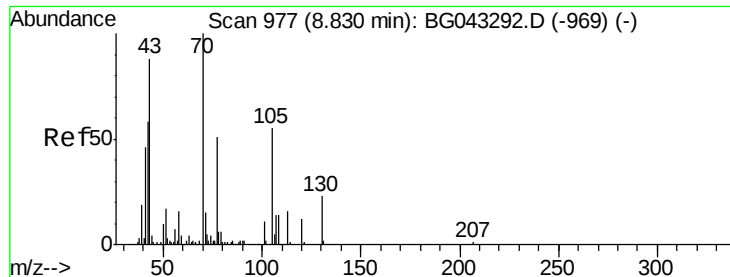


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

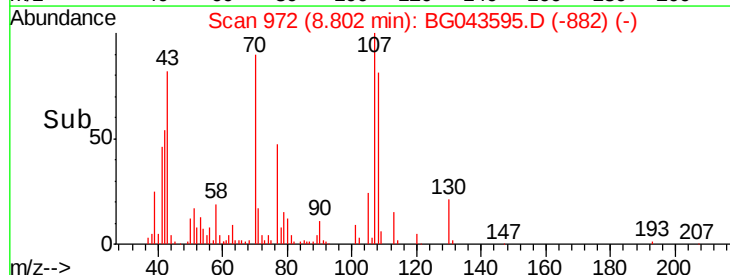
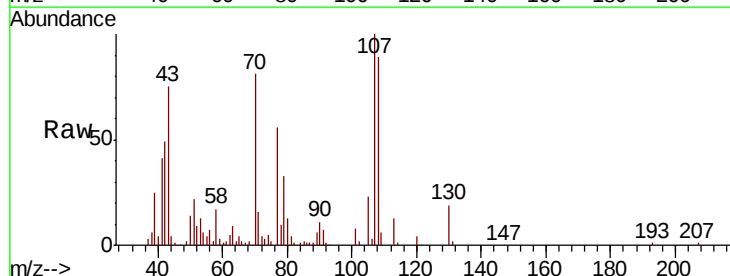
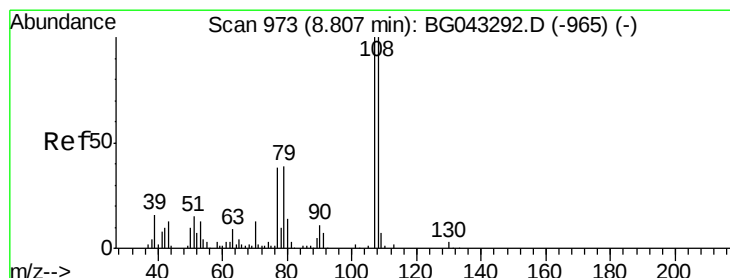
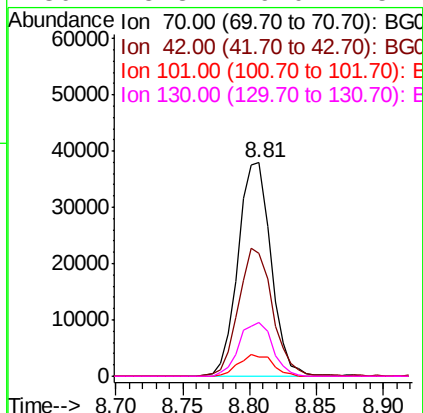




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.401 ng  
RT: 8.81 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

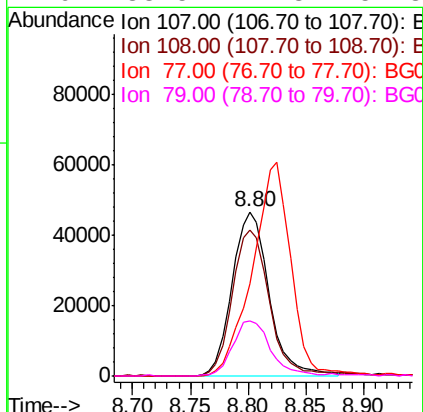
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 65191 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.4  | 41.4  | 62.2  |
| 101      | 9.0   | 7.9   | 11.9  |
| 130      | 25.3  | 19.0  | 28.4  |



#20  
3+4-Methylphenols  
Concen: 46.349 ng  
RT: 8.80 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 103170 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.7  | 66.6  | 106.6  |
| 77       | 56.4  | 20.9  | 60.9   |
| 79       | 33.5  | 11.3  | 51.3   |

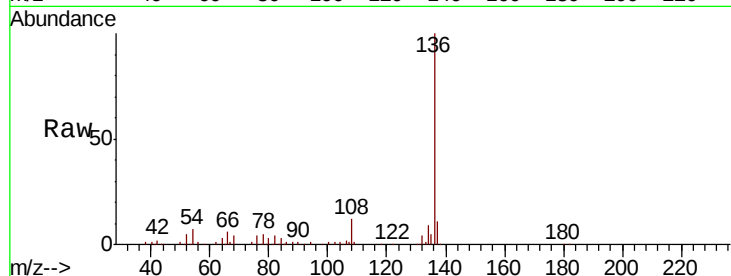




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.81 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 136162 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.0    | 8.7   | 13.1   |
| 54 7.5      | 5.4   | 8.2    |
| 68 4.1      | 3.0   | 4.4    |



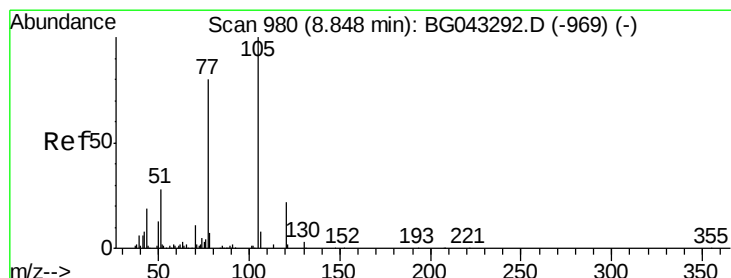
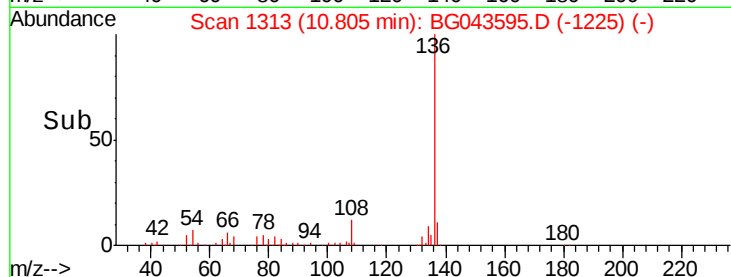
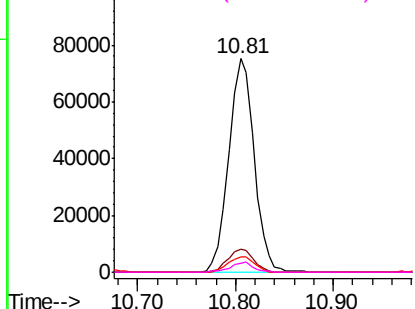
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

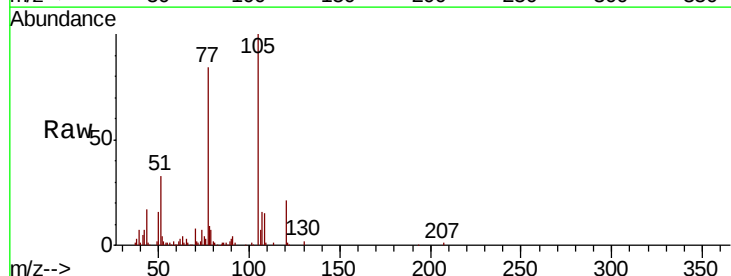
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 37.414 ng  
RT: 8.83 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 130462 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 1.5     | 0.8   | 1.2#   |
| 51  | 33.1    | 21.0  | 31.4#  |
| 120 | 21.4    | 18.0  | 27.0   |



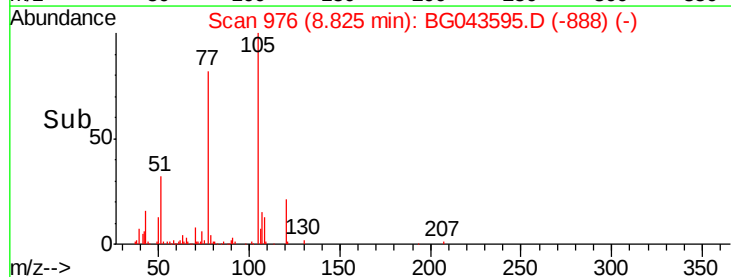
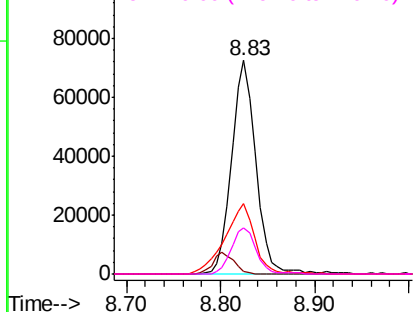
Abundance

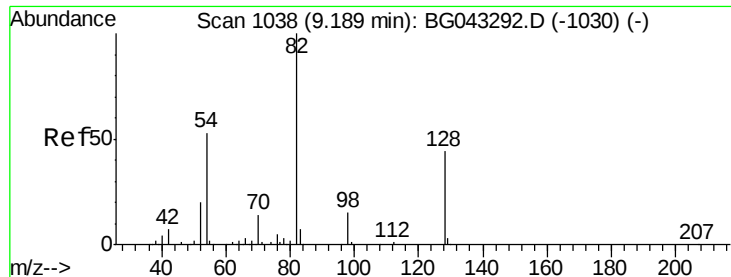
Ion 105.00 (104.70 to 105.70): E

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

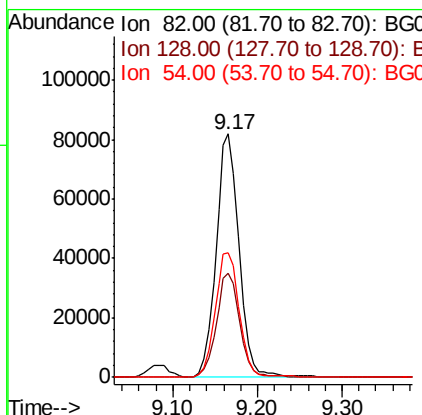
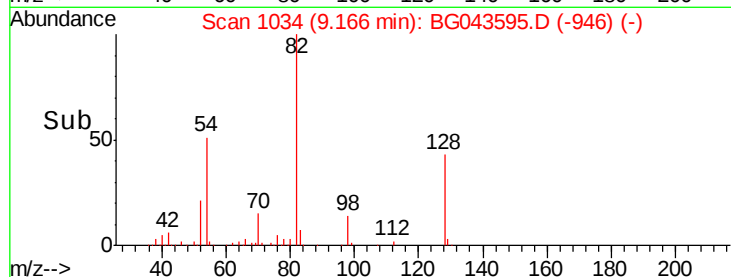
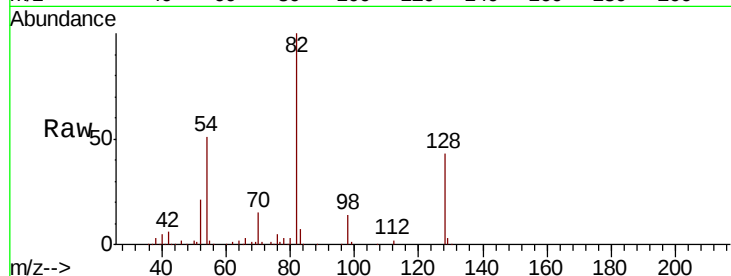




#23  
 Nitrobenzene-d5  
 Concen: 58.734 ng  
 RT: 9.17 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

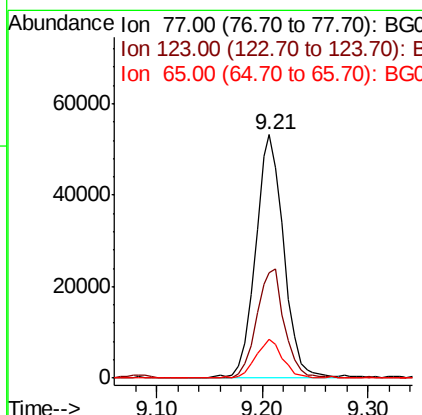
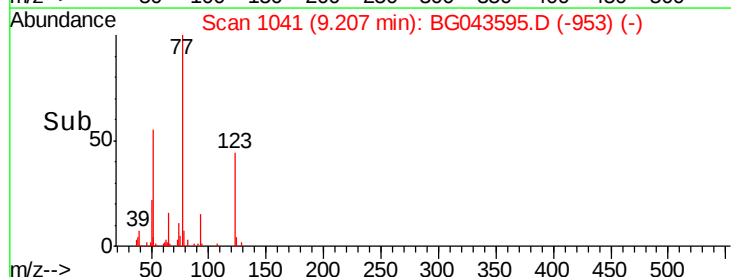
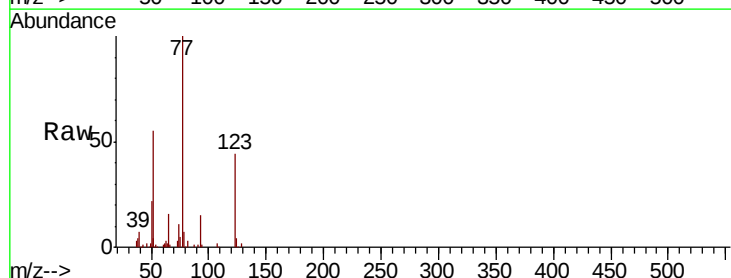
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

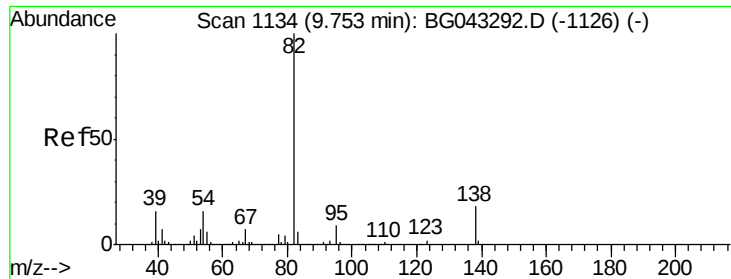
| Tot Ion   | 82   | Resp  | 155125 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 43.0 | 35.0  | 52.6   |
| 54        | 51.1 | 40.2  | 60.2   |



#24  
 Nitrobenzene  
 Concen: 39.245 ng  
 RT: 9.21 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

| Tgt Ion   | 77   | Resp  | 98740 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 123       | 43.5 | 35.0  | 52.6  |
| 65        | 15.7 | 9.5   | 14.3# |





#25

Isophorone

Concen: 40.250 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

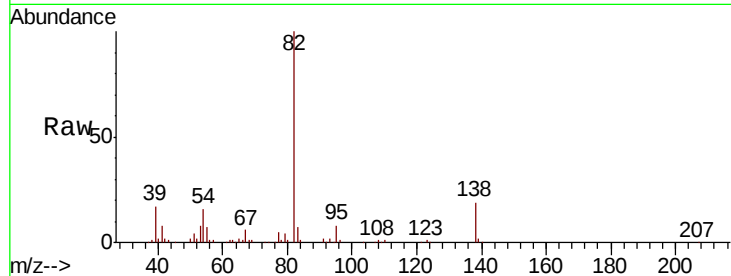
Tot Ion: 82 Resp: 194357

Ion Ratio Lower Upper

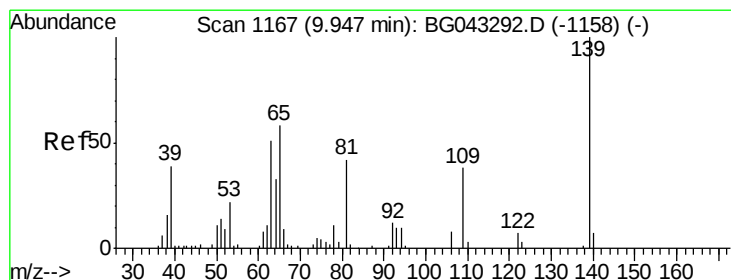
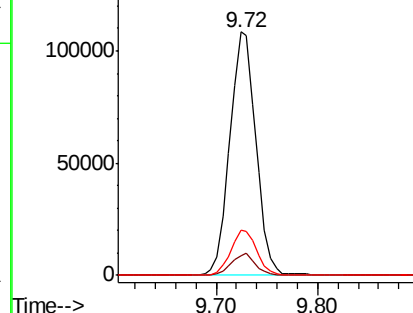
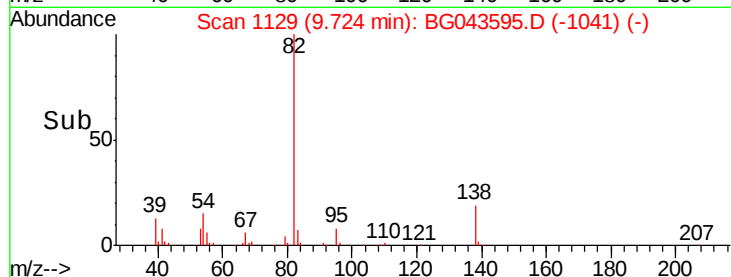
82 100

95 7.8 6.6 9.8

138 18.6 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: 42.798 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

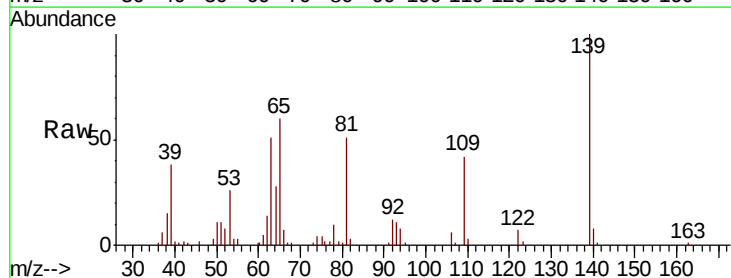
Tgt Ion: 139 Resp: 51985

Ion Ratio Lower Upper

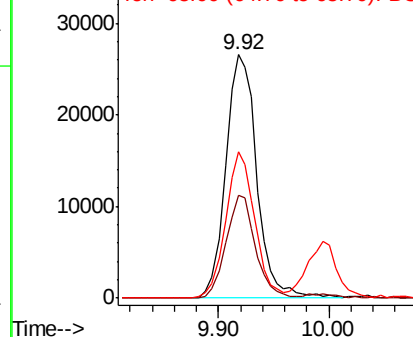
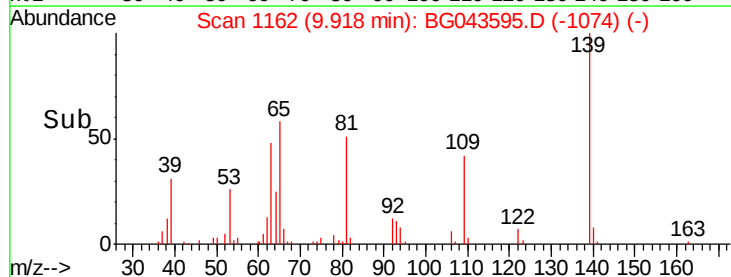
139 100

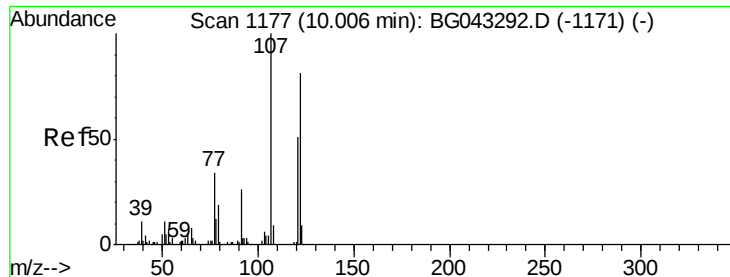
109 42.3 26.5 39.7#

65 60.3 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

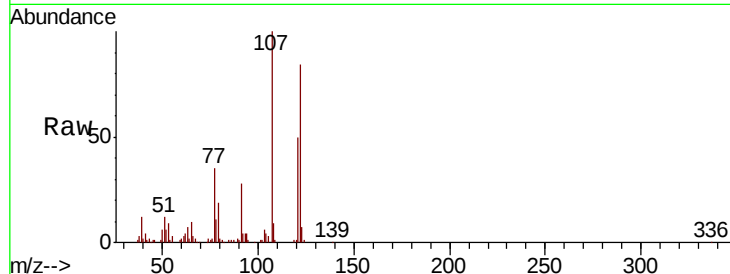




#27  
 2,4-Dimethylphenol  
 Concen: 50.677 ng  
 RT: 9.99 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 118.4 | 104.4 | 156.6 |
| 121     | 59.7  | 47.2  | 70.8  |

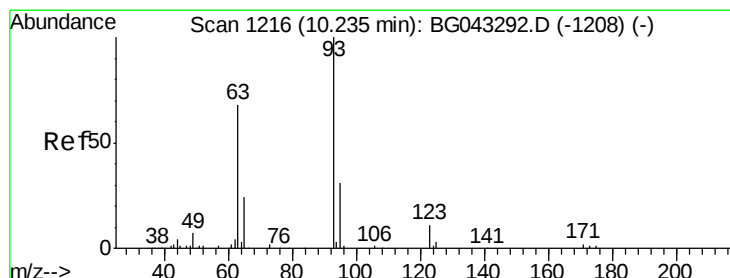
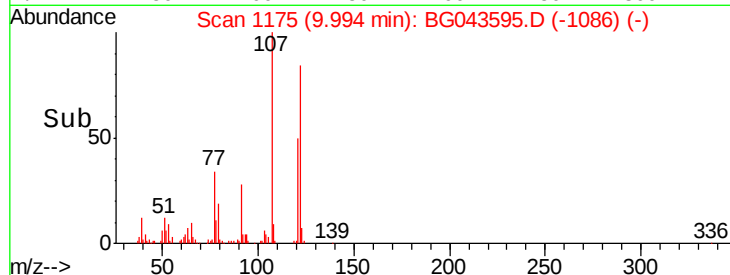
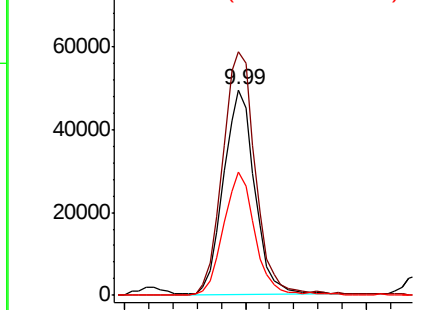


Abundance

Ion 122.00 (121.70 to 122.70): E

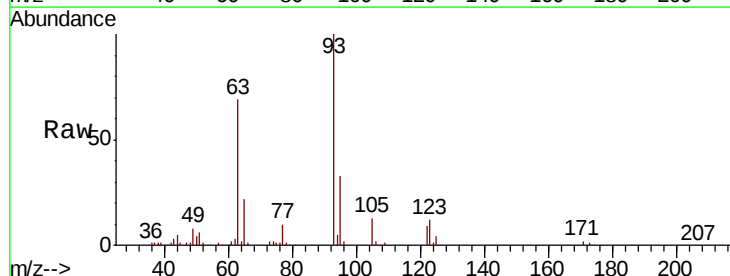
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.353 ng  
 RT: 10.21 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 26.0  | 39.0  |
| 123     | 12.0  | 10.6  | 15.8  |

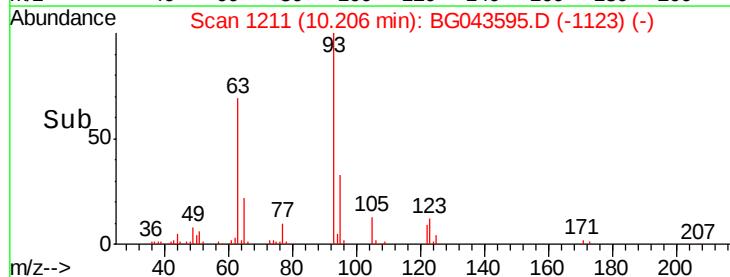
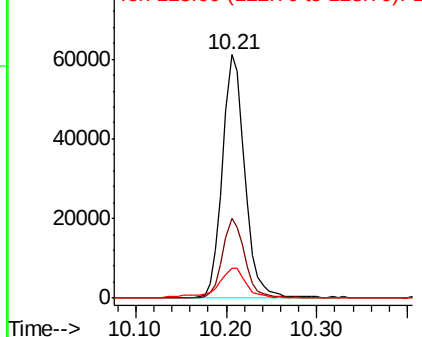


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.412 ng

RT: 10.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

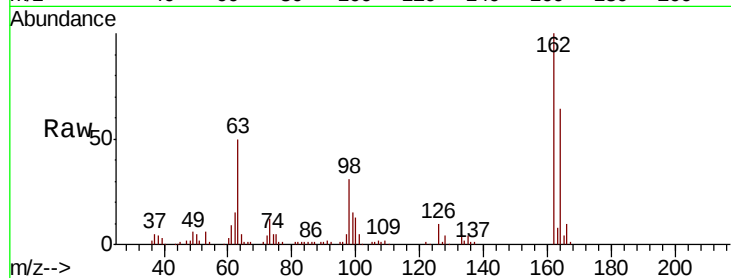
Tot Ion:162 Resp: 99067

Ion Ratio Lower Upper

162 100

164 64.3 48.9 88.9

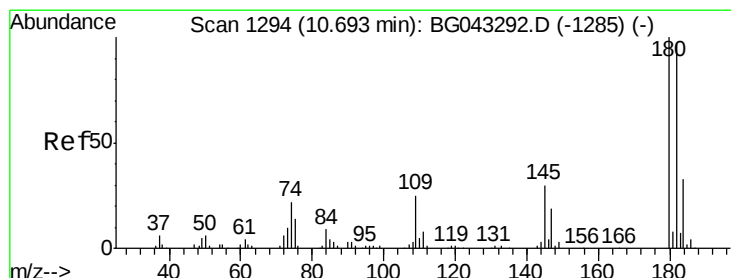
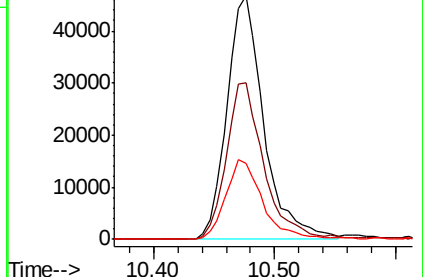
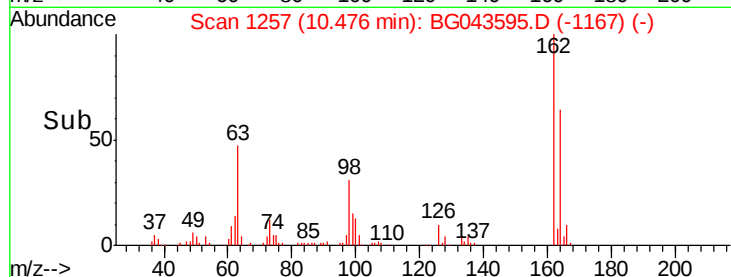
98 31.3 15.1 55.1



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 36.496 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

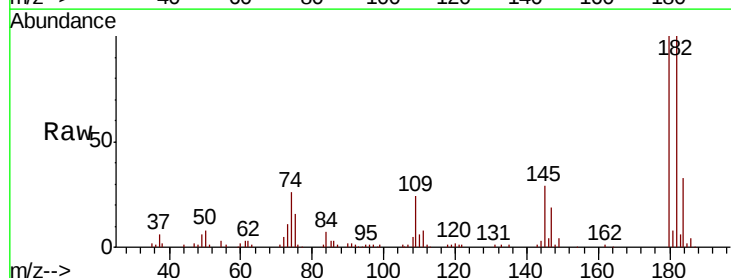
Tgt Ion:180 Resp: 102606

Ion Ratio Lower Upper

180 100

182 100.3 75.1 112.7

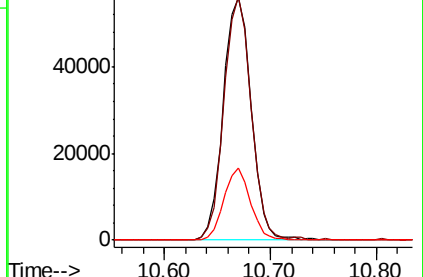
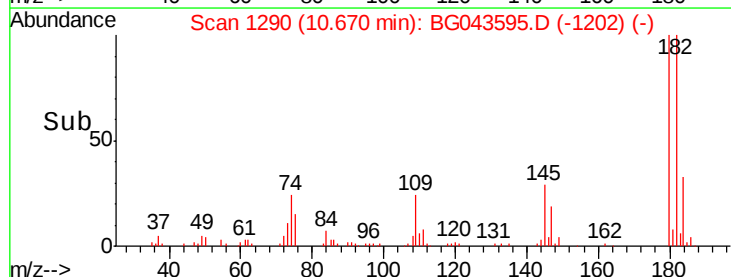
145 29.6 23.9 35.9



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

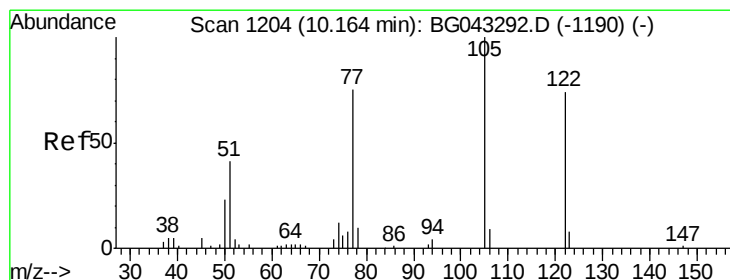
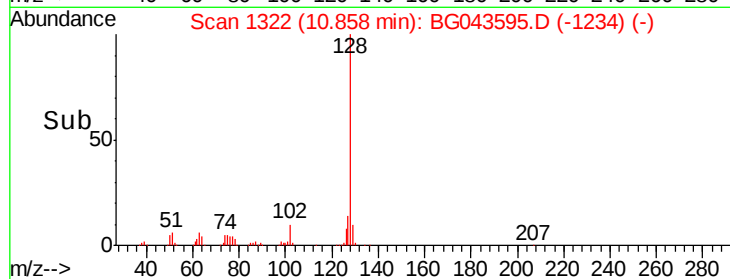
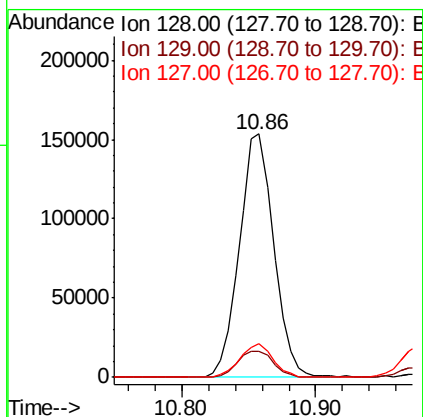
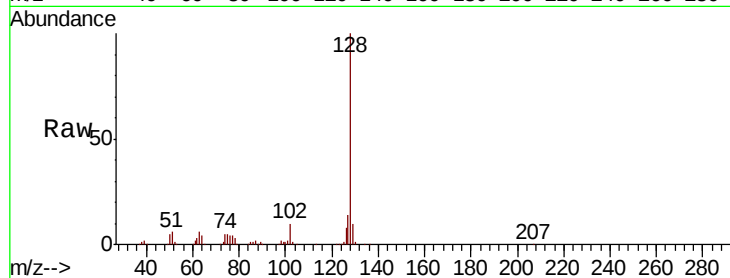




#31  
Naphthalene  
Concen: 39.512 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

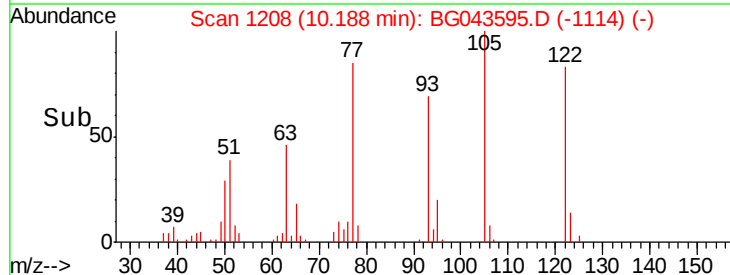
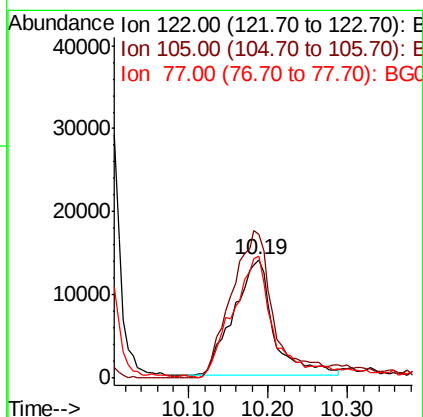
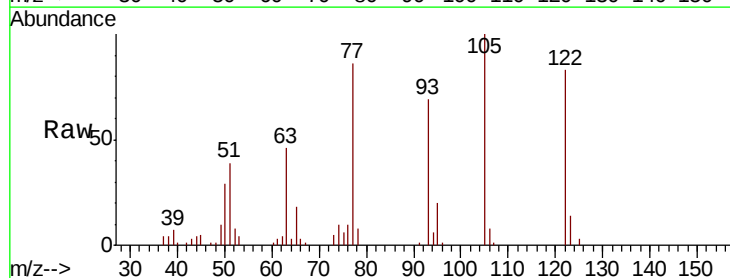
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

Tot Ion:128 Resp: 273087  
Ion Ratio Lower Upper  
128 100  
129 10.5 9.4 14.0  
127 13.8 11.1 16.7



#32  
Benzoic acid  
Concen: 38.690 ng  
RT: 10.19 min Scan# 1208  
Delta R.T. 0.02 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Tgt Ion:122 Resp: 48556  
Ion Ratio Lower Upper  
122 100  
105 120.5 103.3 143.3  
77 103.2 84.9 124.9

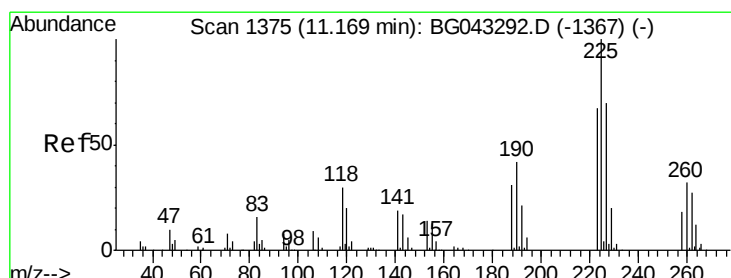
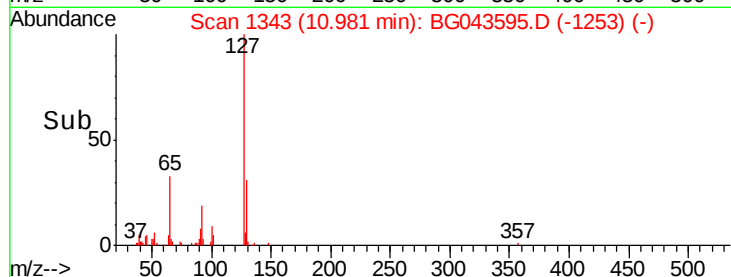
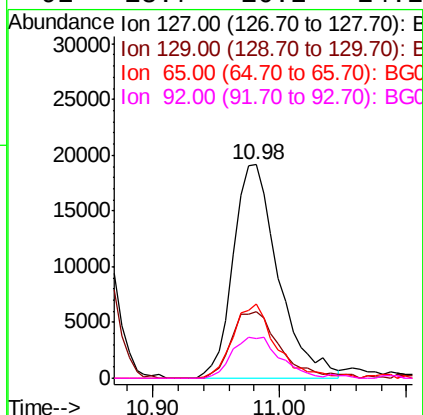
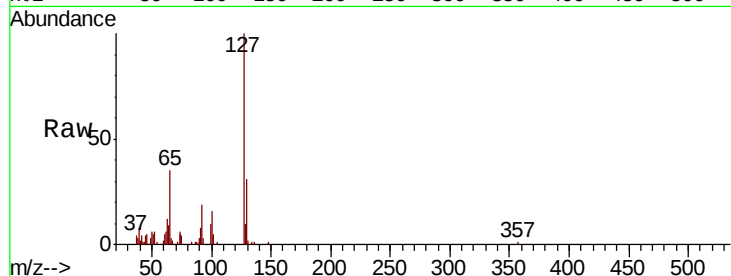




#33  
4-Chloroaniline  
Concen: 16.693 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

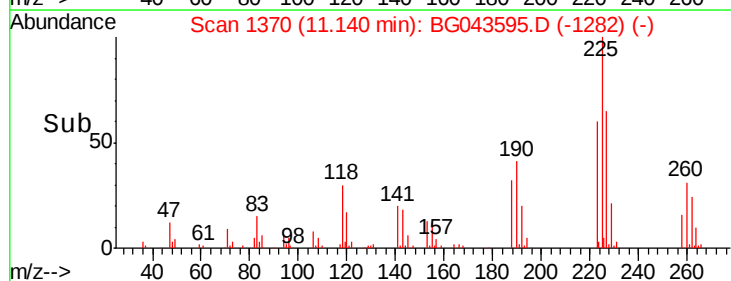
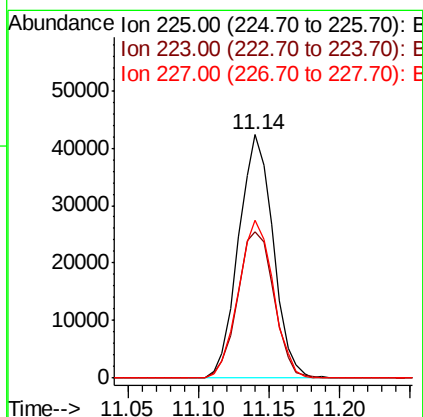
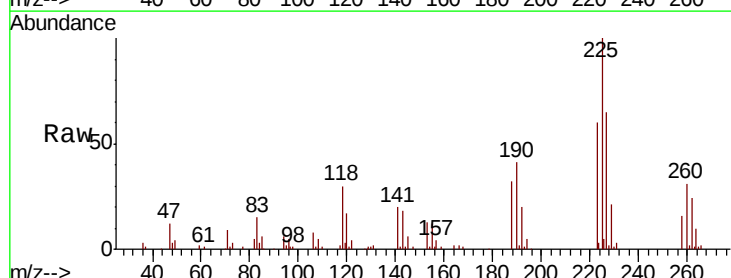
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

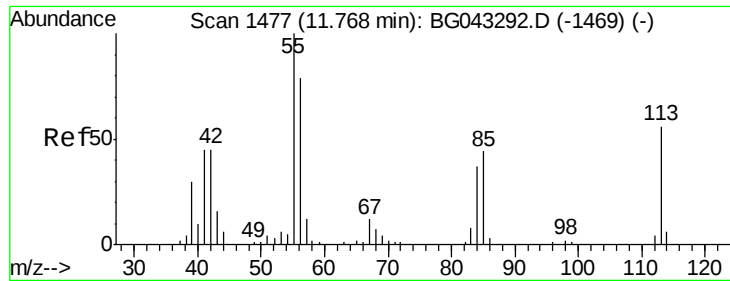
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 47292 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.3  | 26.5  | 39.7  |
| 65       | 34.5  | 26.4  | 39.6  |
| 92       | 18.7  | 16.2  | 24.2  |



#34  
Hexachlorobutadiene  
Concen: 34.854 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 72435 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 59.9  | 52.7  | 79.1  |
| 227      | 64.8  | 54.8  | 82.2  |

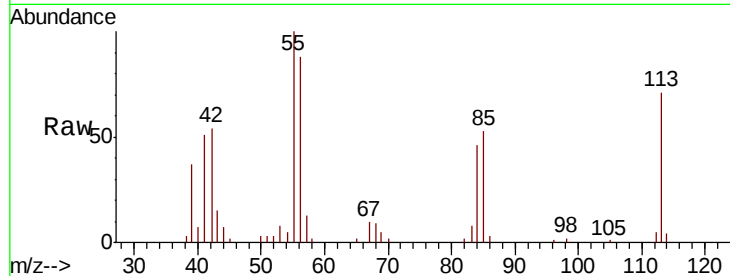




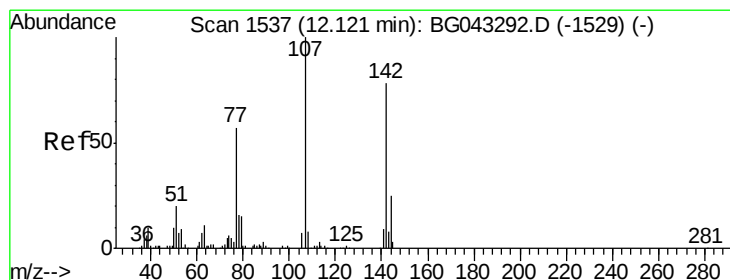
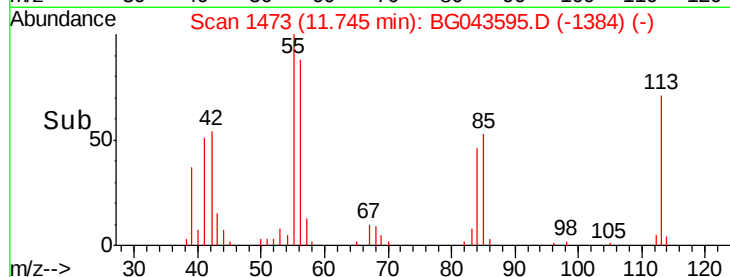
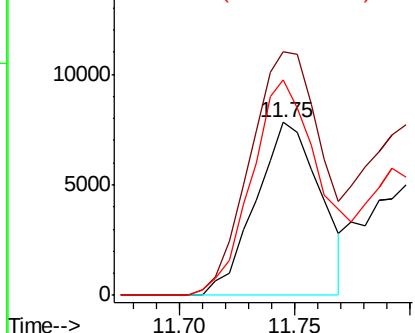
#35  
 Caprolactam  
 Concen: 19.700 ng  
 RT: 11.75 min Scan# 1473  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

Tot Ion:113 Resp: 15134  
 Ion Ratio Lower Upper  
 113 100  
 55 140.6 134.1 174.1  
 56 124.2 100.4 140.4

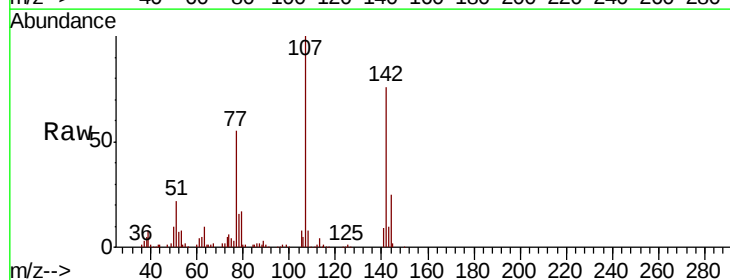


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BG  
 Ion 56.00 (55.70 to 56.70): BG

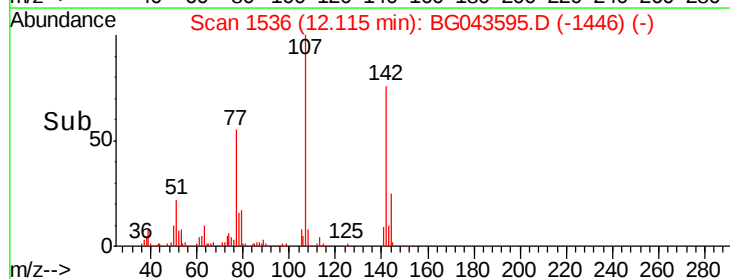
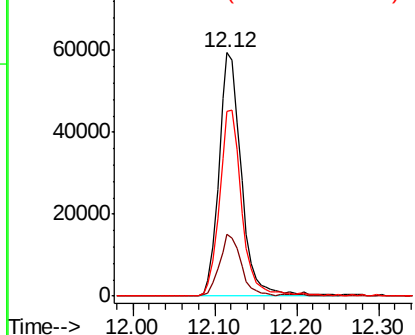


#36  
 4-Chloro-3-methylphenol  
 Concen: 46.602 ng  
 RT: 12.12 min Scan# 1536  
 Delta R.T. 0.00 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Tgt Ion:107 Resp: 113390  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 20.9 31.3  
 142 75.8 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

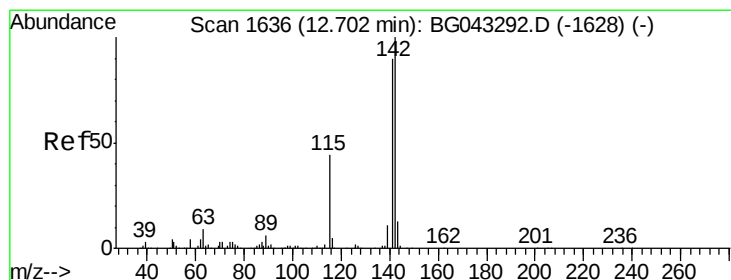
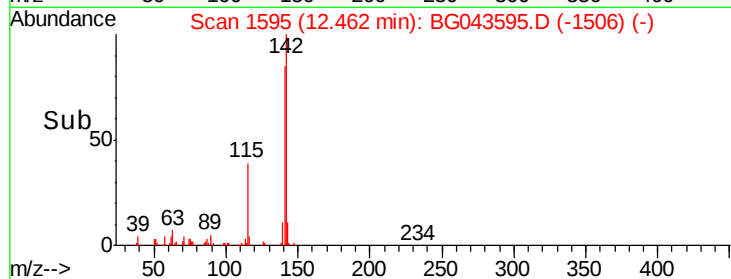
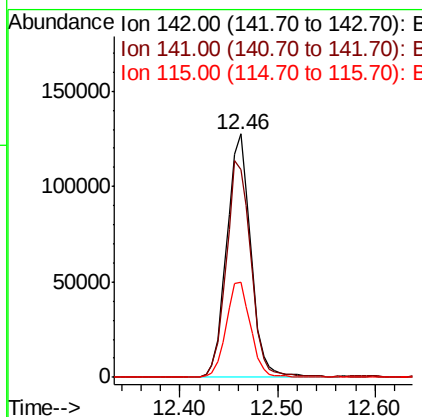
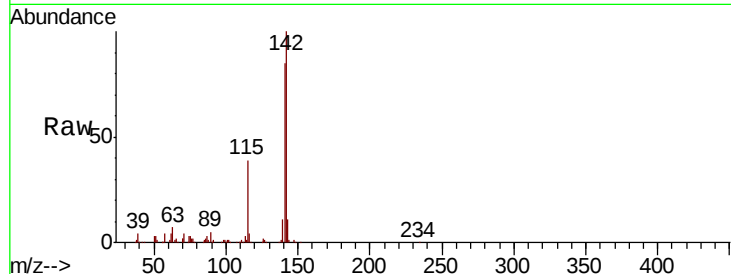




#37  
 2-Methylnaphthalene  
 Concen: 41.358 ng  
 RT: 12.46 min Scan# 1595  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

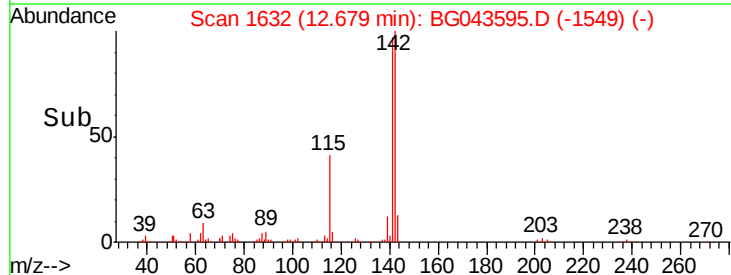
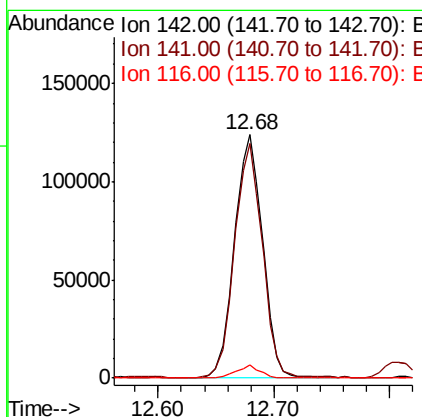
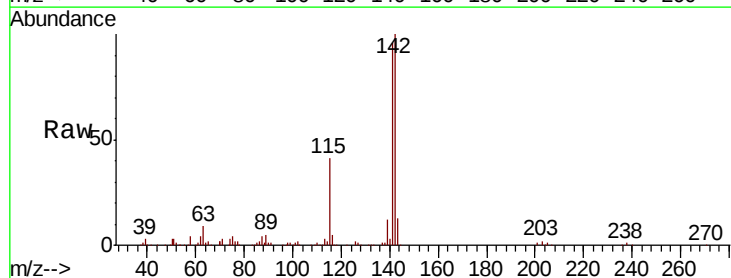
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 85.3  | 72.2  | 108.2 |
| 115     | 38.8  | 33.2  | 49.8  |



#38  
 1-Methylnaphthalene  
 Concen: 41.290 ng  
 RT: 12.68 min Scan# 1632  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.4  | 73.2  | 109.8 |
| 116     | 5.2   | 3.6   | 5.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

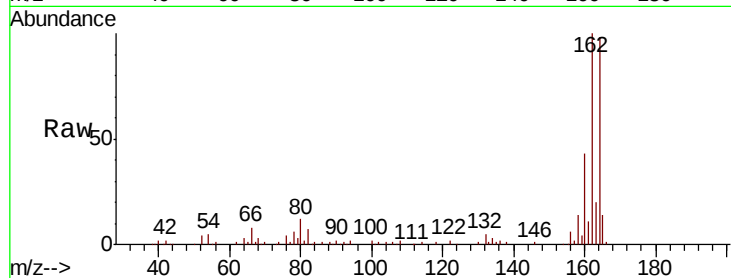
Tot Ion:164 Resp: 107937

Ion Ratio Lower Upper

164 100

162 101.8 83.5 125.3

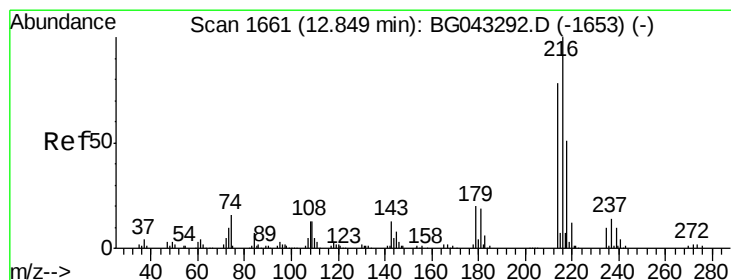
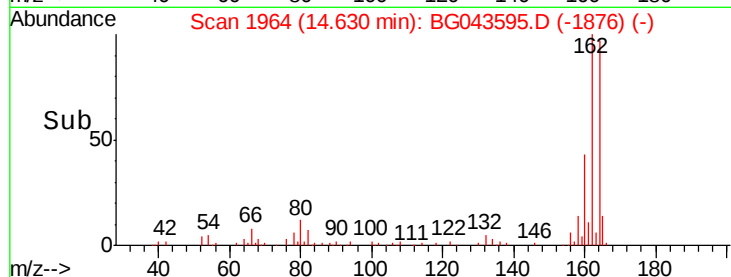
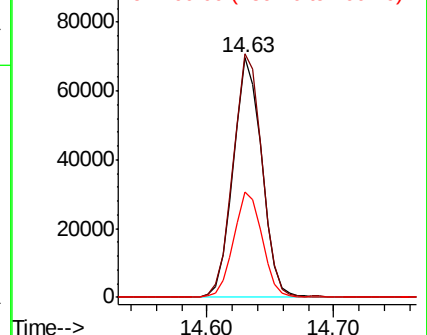
160 43.9 36.5 54.7



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: 35.215 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Tgt Ion:216 Resp: 140670

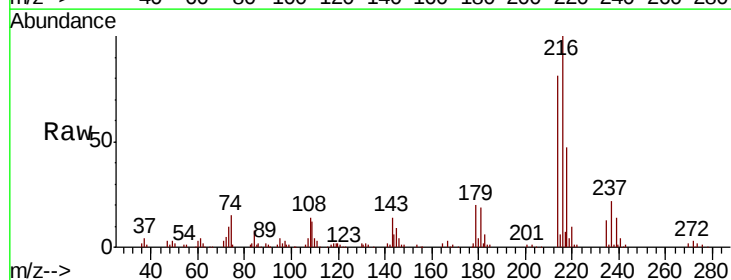
Ion Ratio Lower Upper

216 100

214 78.7 61.7 92.5

179 20.2 15.8 23.8

108 16.0 11.5 17.3

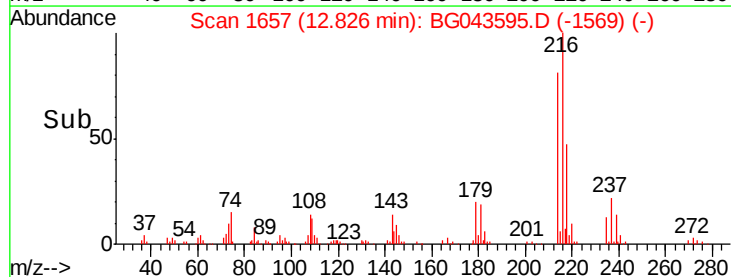
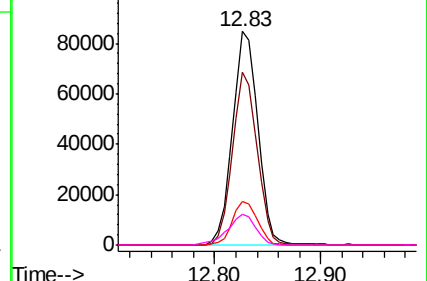


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.755 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

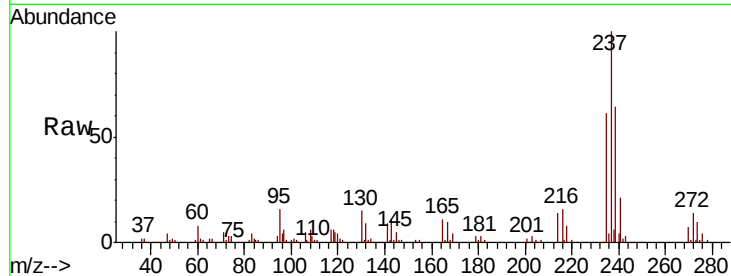
Tot Ion:237 Resp: 140078

Ion Ratio Lower Upper

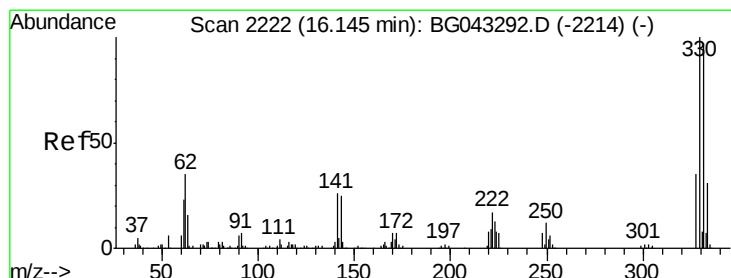
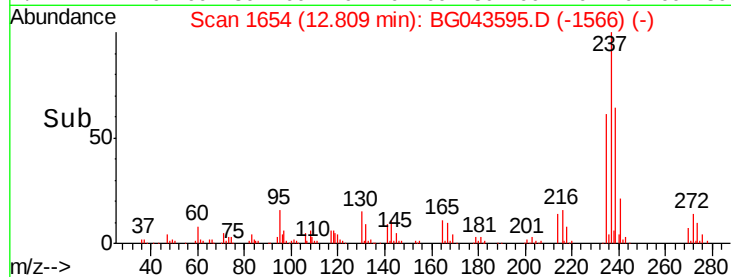
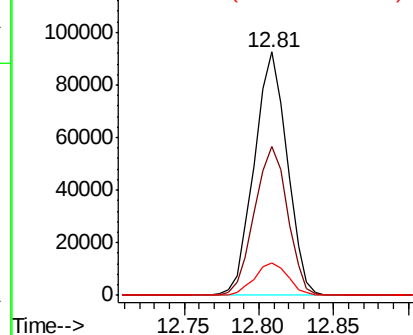
237 100

235 61.1 41.6 81.6

272 13.5 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: 83.533 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

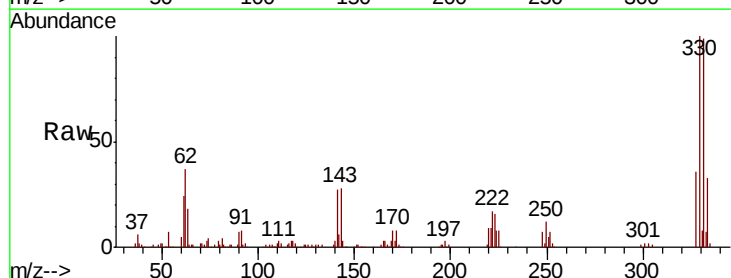
Tgt Ion:330 Resp: 171580

Ion Ratio Lower Upper

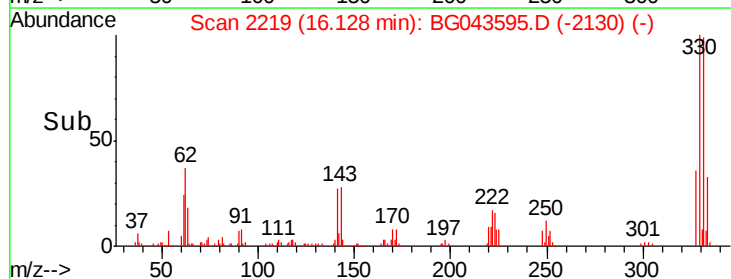
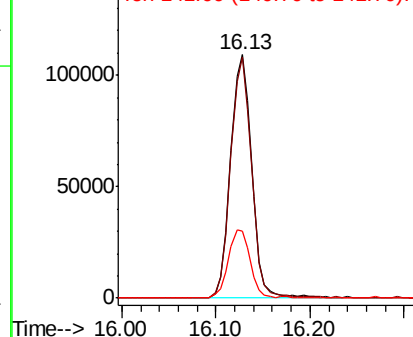
330 100

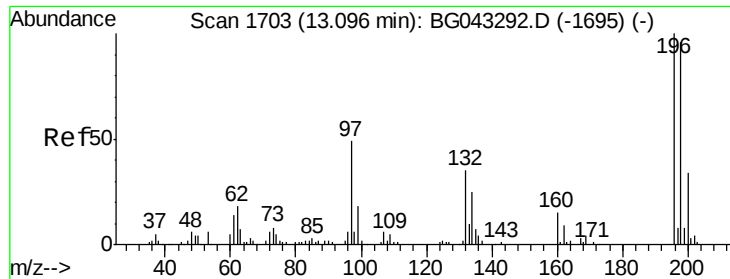
332 97.8 77.4 116.0

141 29.1 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

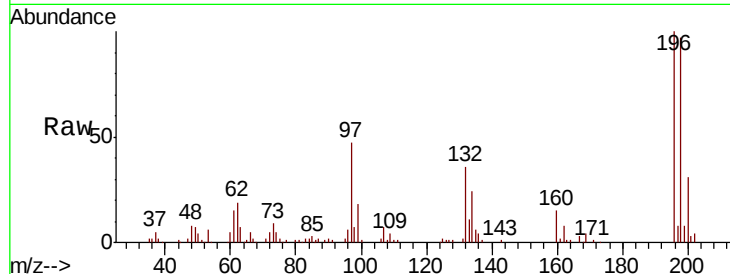




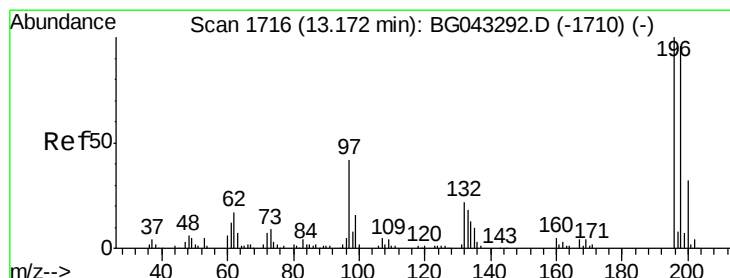
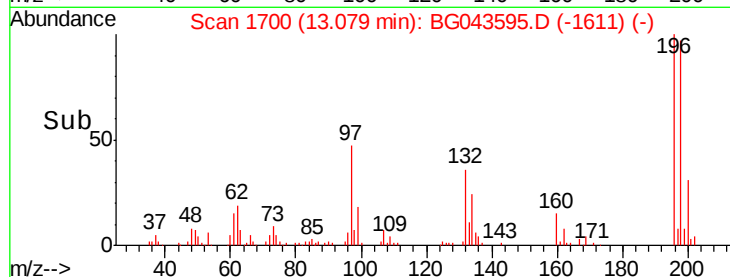
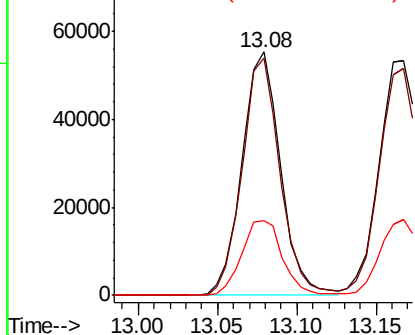
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.704 ng  
 RT: 13.08 min Scan# 1700  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

Tot Ion:196 Resp: 93401  
 Ion Ratio Lower Upper  
 196 100  
 198 97.4 75.8 113.6  
 200 30.5 23.9 35.9



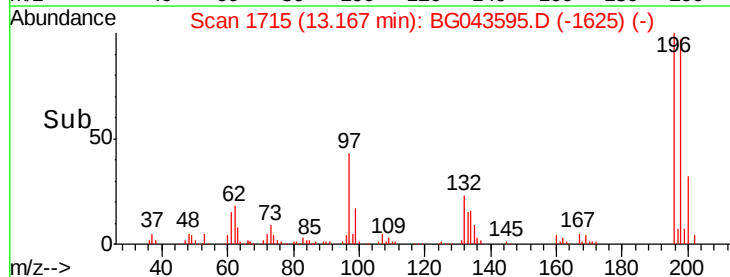
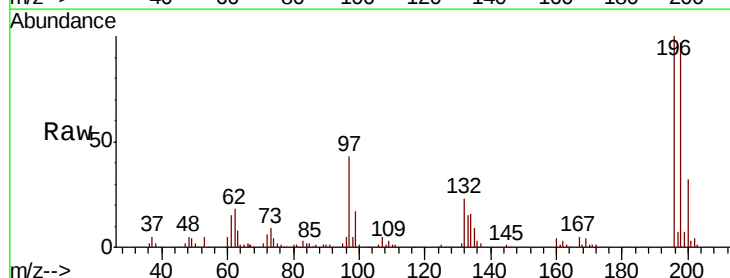
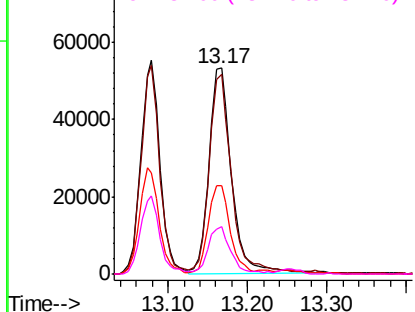
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

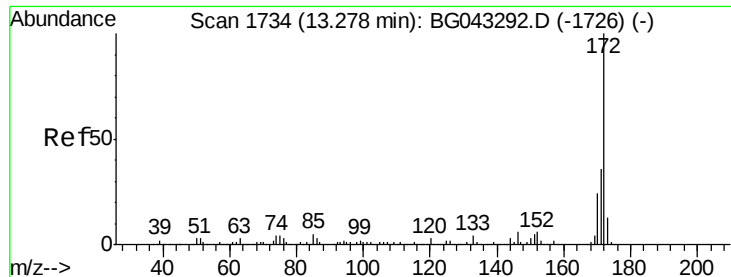


#44  
 2,4,5-Trichlorophenol  
 Concen: 44.240 ng  
 RT: 13.17 min Scan# 1715  
 Delta R.T. 0.00 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Tgt Ion:196 Resp: 105215  
 Ion Ratio Lower Upper  
 196 100  
 198 96.9 74.5 111.7  
 97 42.7 36.3 54.5  
 132 22.9 17.4 26.2

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

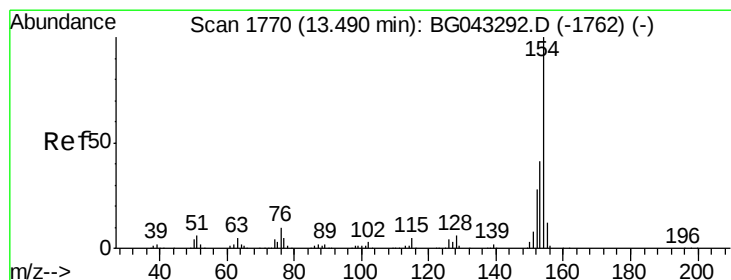
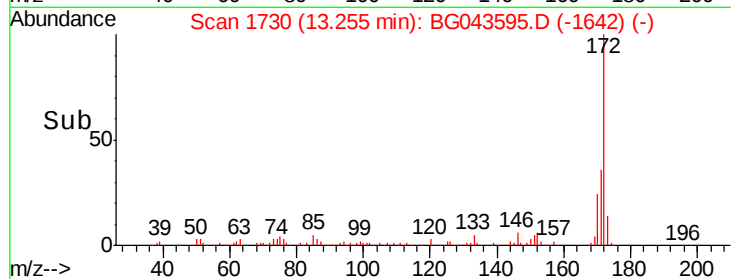
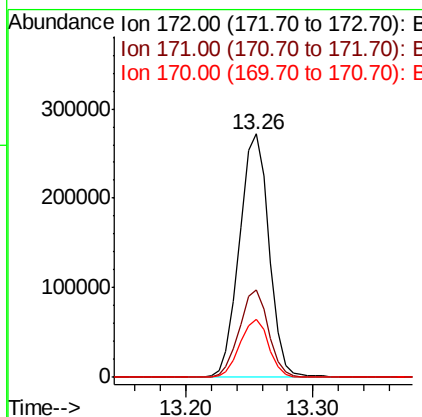
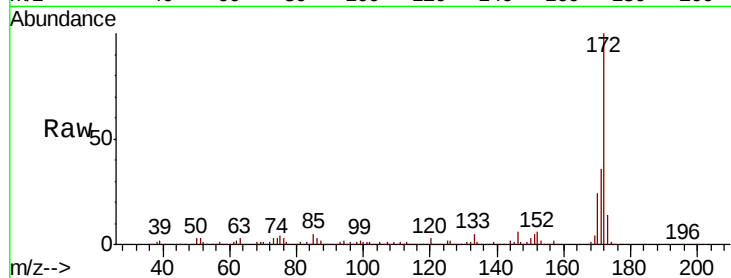




#45  
2-Fluorobiphenyl  
Concen: 56.305 ng  
RT: 13.26 min Scan# 1730  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

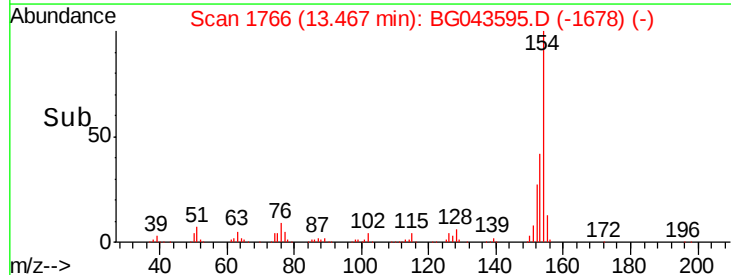
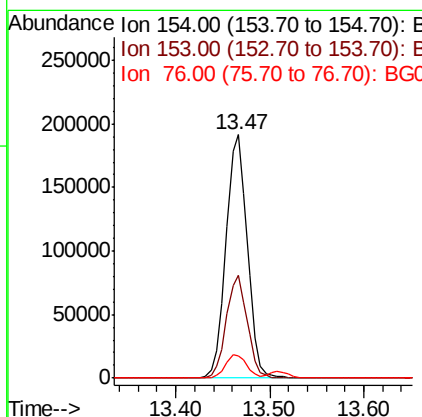
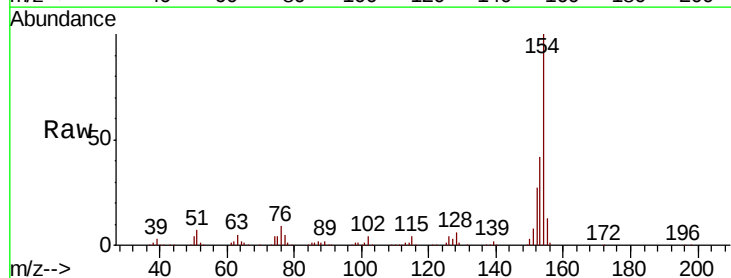
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

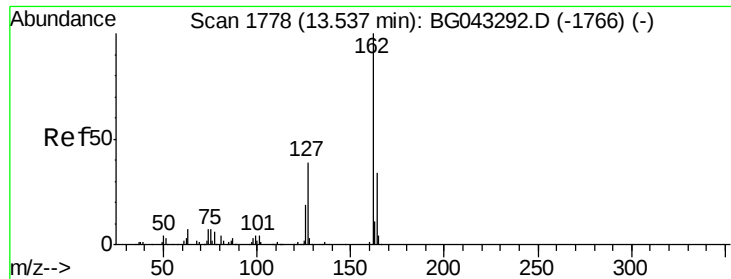
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 28.9  | 43.3  |
| 170     | 23.8  | 18.5  | 27.7  |



#46  
1,1'-Biphenyl  
Concen: 36.802 ng  
RT: 13.47 min Scan# 1766  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.2  | 19.9  | 59.9  |
| 76      | 9.0   | 0.0   | 29.4  |





#47

2-Chloronaphthalene

Concen: 37.554 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

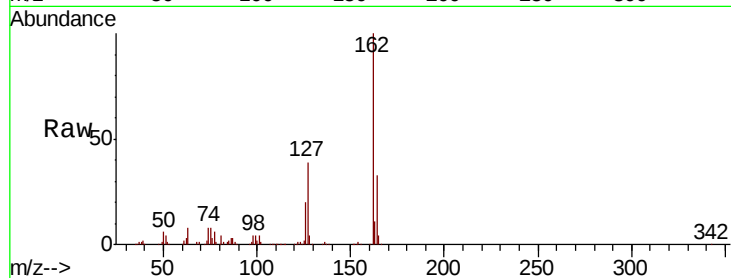
Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 234625 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 39.3  | 31.2  | 46.8   |
| 164      | 32.8  | 25.8  | 38.8   |

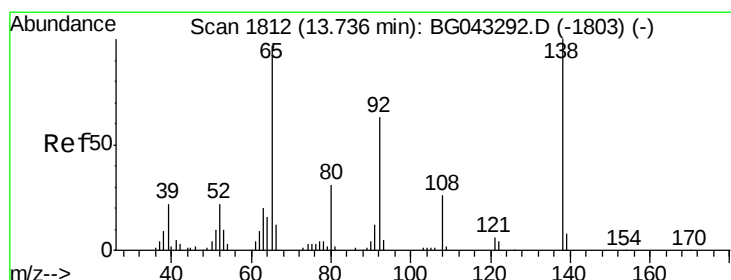
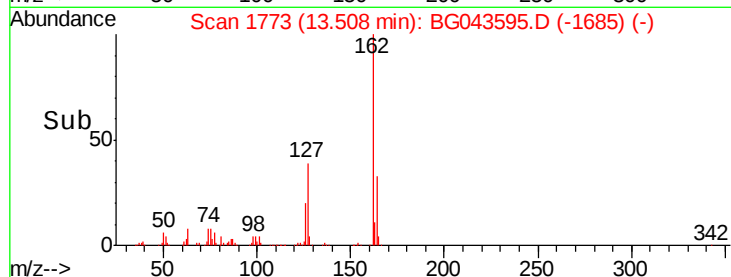
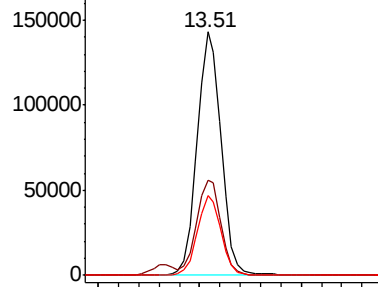


Abundance

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: 40.268 ng

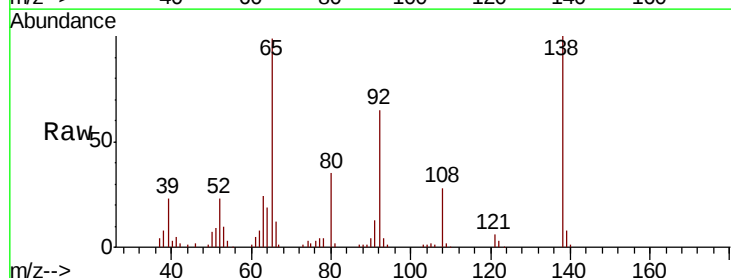
RT: 13.72 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 75192 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 92       | 65.5  | 56.2  | 84.2  |
| 138      | 101.1 | 82.6  | 123.8 |

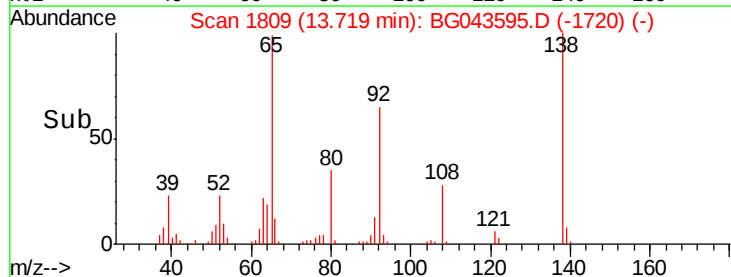
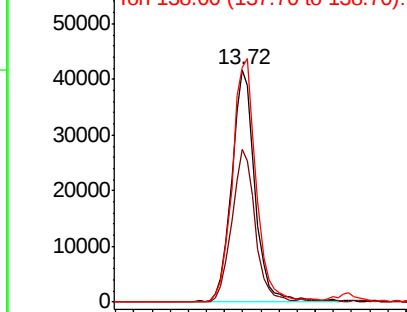


Abundance

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: 40.634 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

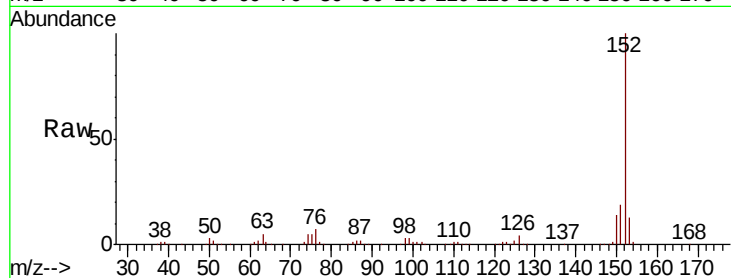
BNA\_G

ClientSampleId :

TP-2A-COMPMSD

Tot Ion:152 Resp: 395109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.5  | 16.2  | 24.4  |
| 153 | 13.4  | 10.6  | 15.8  |

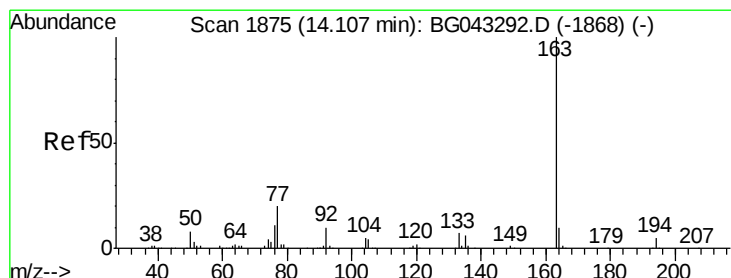
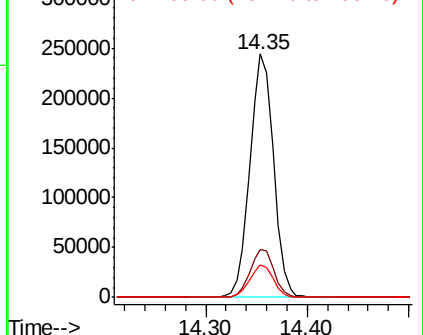
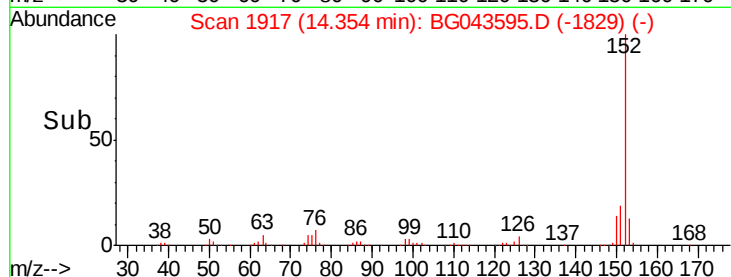


Abundance

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: 43.598 ng

RT: 14.09 min Scan# 1872

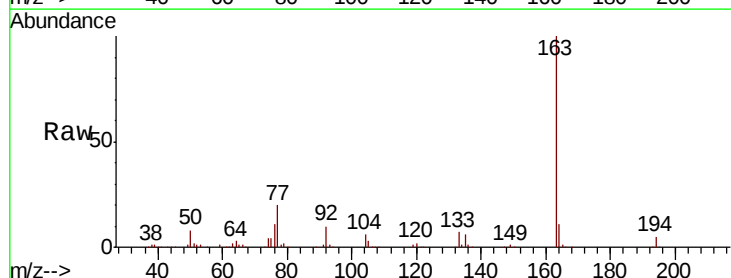
Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Tgt Ion:163 Resp: 364498

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.9   | 3.8   | 5.6   |
| 164 | 10.9  | 8.9   | 13.3  |

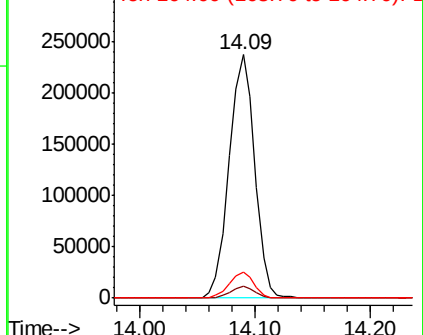
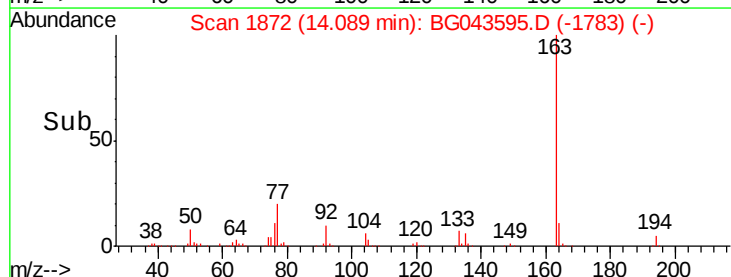


Abundance

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: 41.662 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

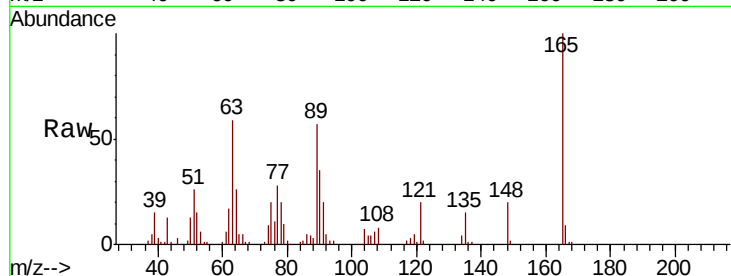
Tot Ion:165 Resp: 75671

Ion Ratio Lower Upper

165 100

63 59.0 46.6 69.8

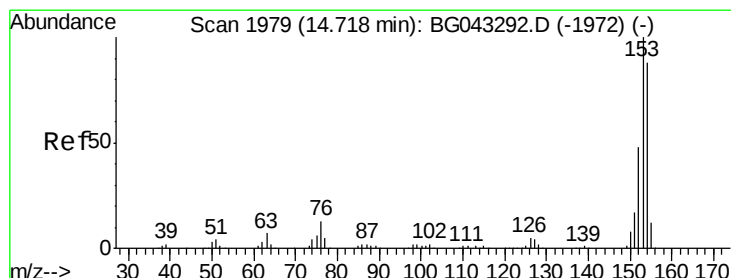
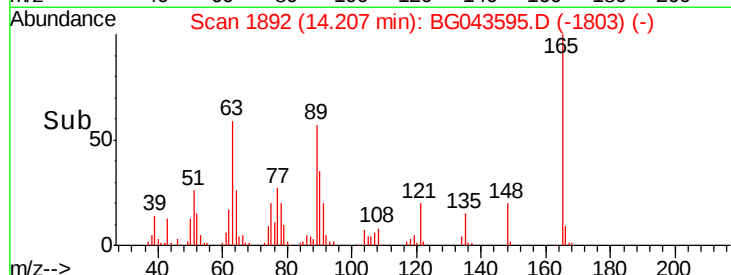
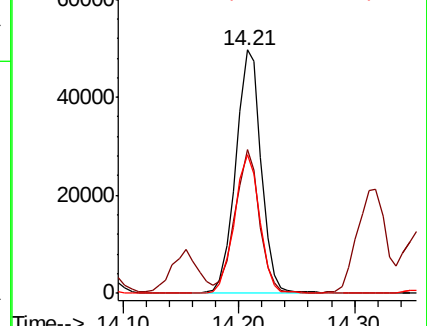
89 57.0 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.985 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

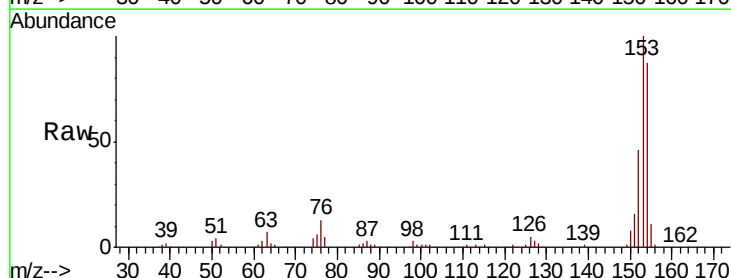
Tgt Ion:154 Resp: 231174

Ion Ratio Lower Upper

154 100

153 114.6 88.2 132.2

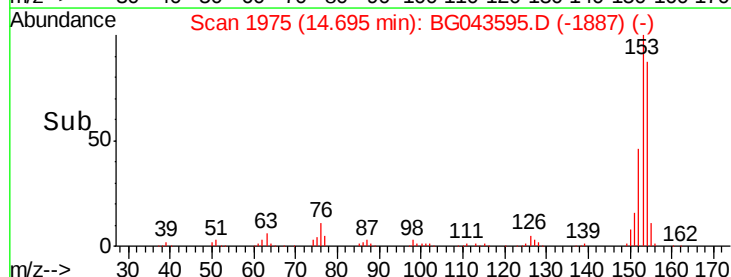
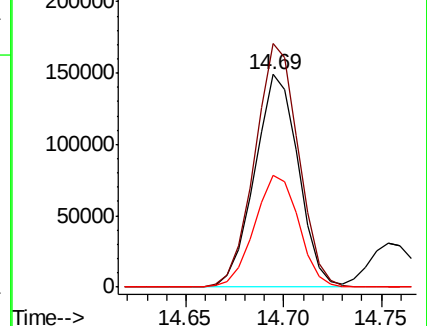
152 52.3 40.0 60.0

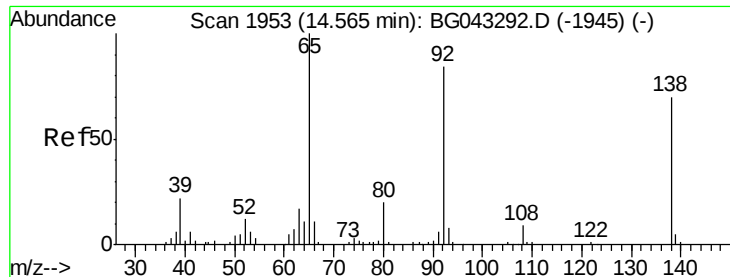


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.444 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

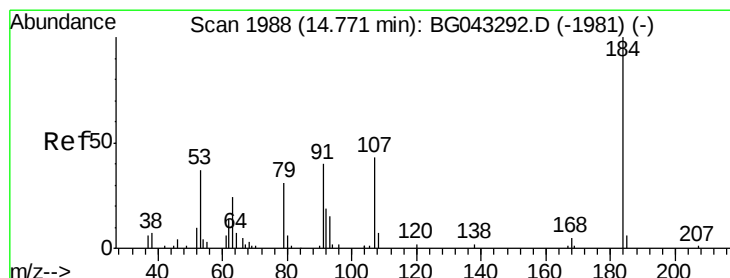
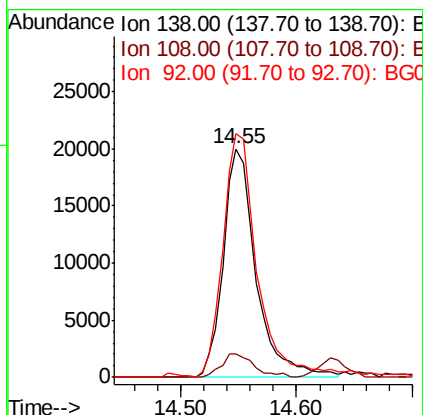
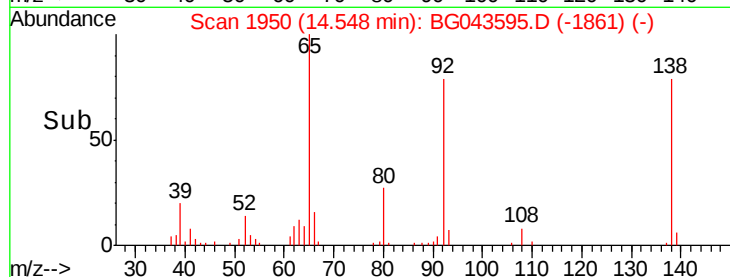
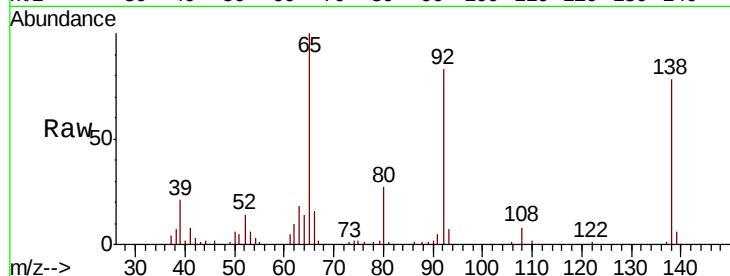
Tot Ion:138 Resp: 39358

Ion Ratio Lower Upper

138 100

108 10.2 8.0 12.0

92 106.6 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 76.004 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

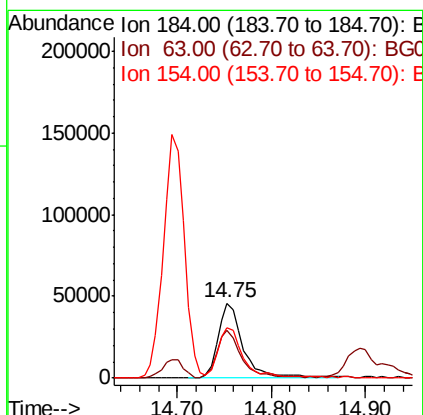
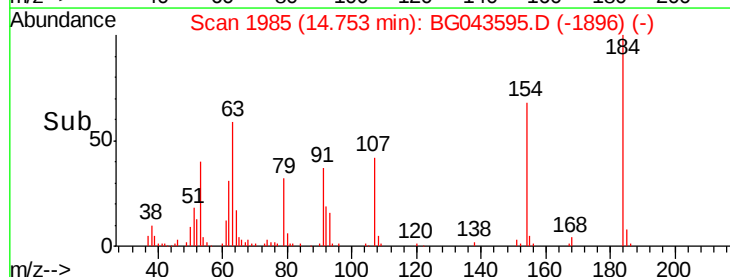
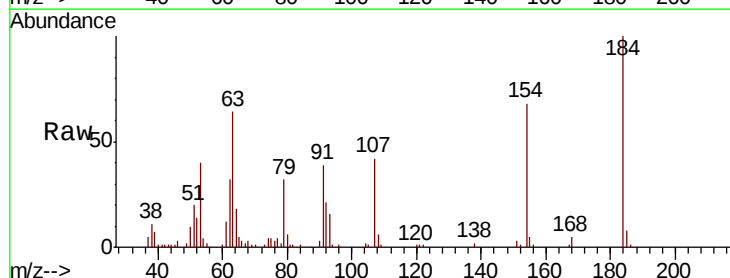
Tgt Ion:184 Resp: 85749

Ion Ratio Lower Upper

184 100

63 64.0 51.3 76.9

154 67.7 55.4 83.0

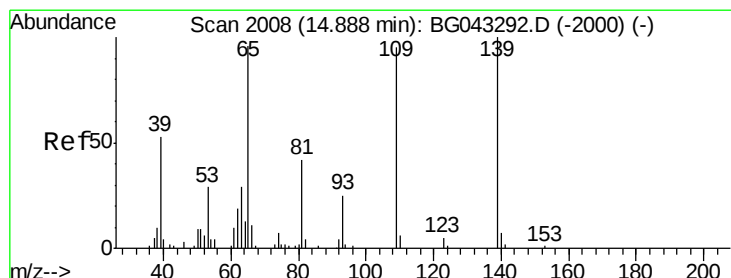
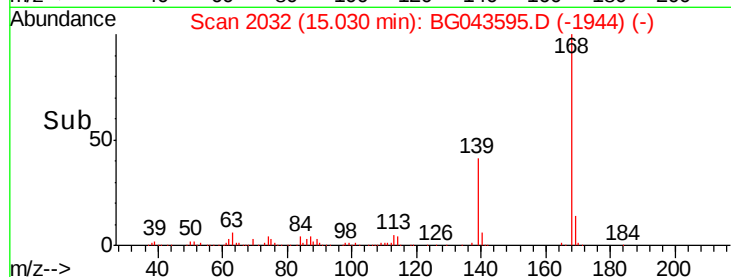
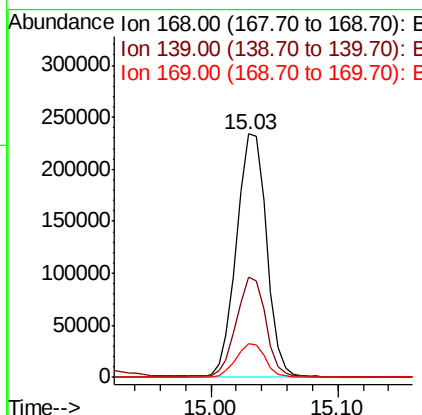
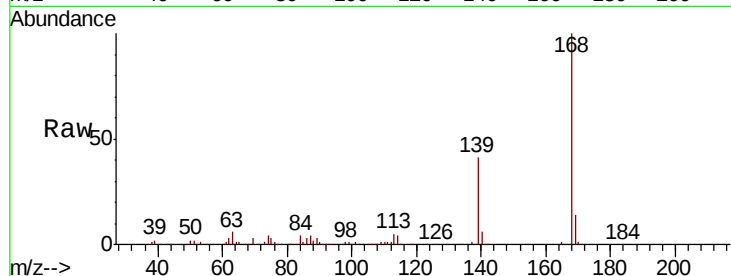




#55  
Dibenzofuran  
Concen: 40.157 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

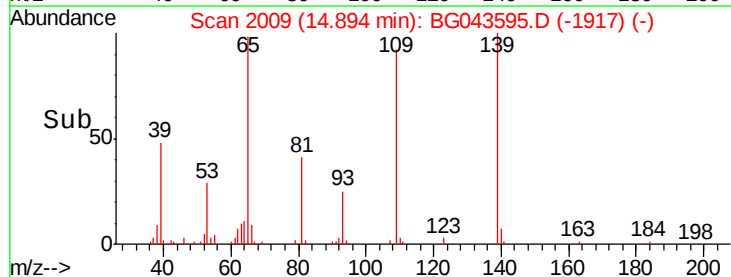
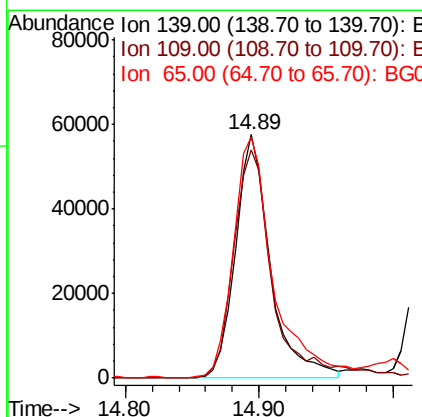
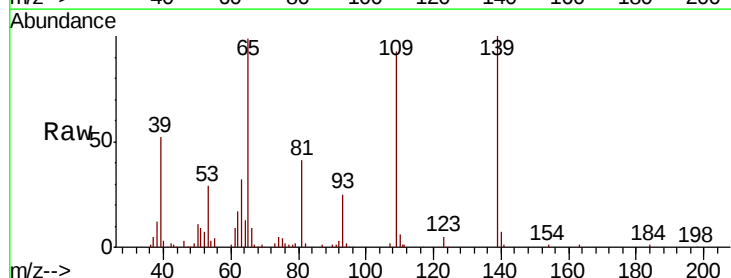
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

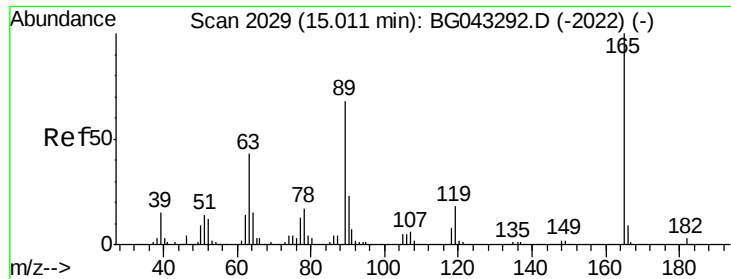
Tot Ion:168 Resp: 386151  
Ion Ratio Lower Upper  
168 100  
139 41.3 31.0 46.6  
169 13.7 11.7 17.5



#56  
4-Nitrophenol  
Concen: 88.850 ng  
RT: 14.89 min Scan# 2009  
Delta R.T. 0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Tgt Ion:139 Resp: 104411  
Ion Ratio Lower Upper  
139 100  
109 93.5 87.2 127.2  
65 98.8 83.8 123.8

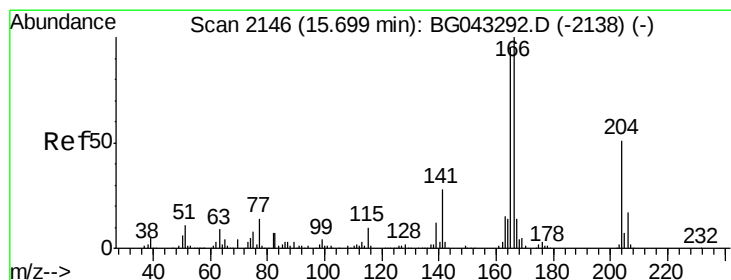
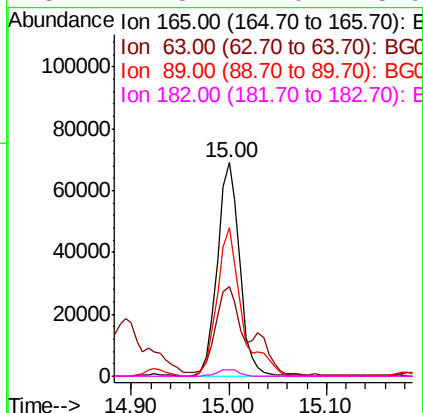
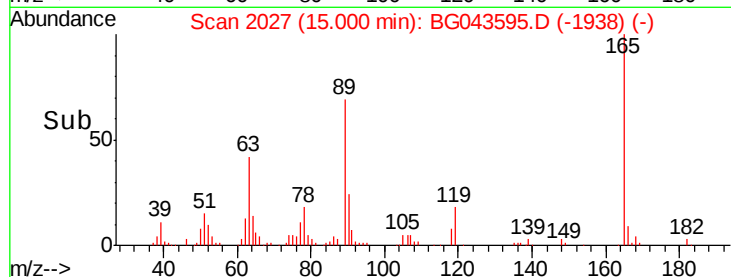
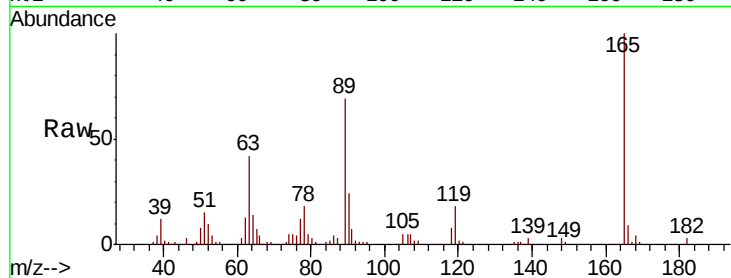




#57  
2,4-Dinitrotoluene  
Concen: 42.111 ng  
RT: 15.00 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

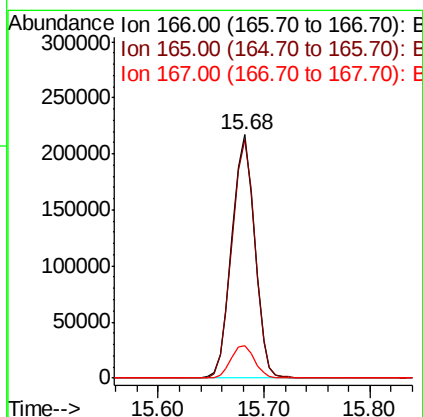
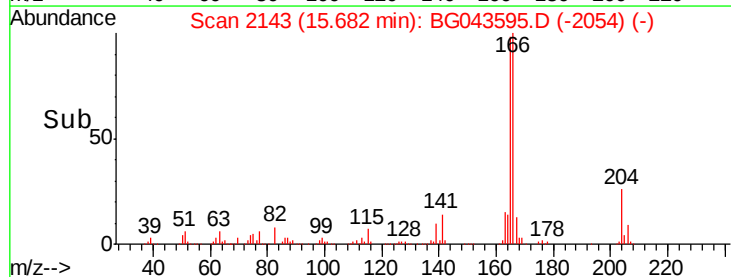
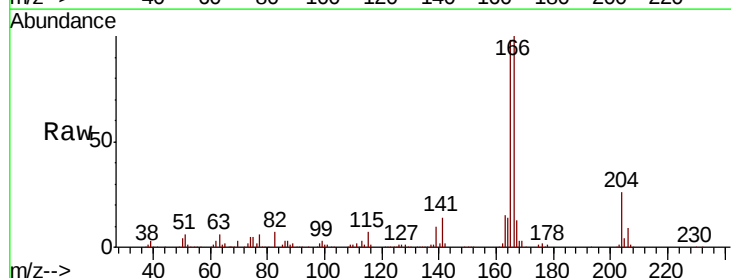
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

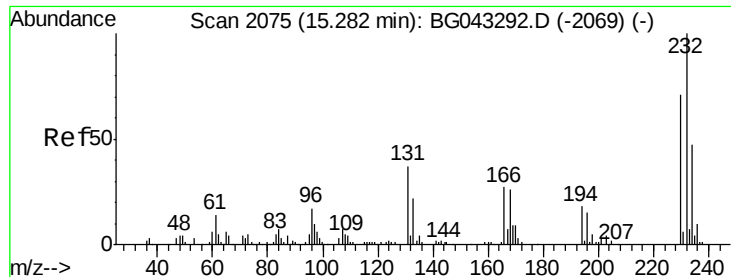
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:165 | Resp: | 109307      |
| Ion         | Ratio | Lower Upper |
| 165         | 100   |             |
| 63          | 42.3  | 33.2 49.8   |
| 89          | 69.4  | 52.2 78.4   |
| 182         | 2.8   | 2.0 3.0     |



#58  
Fluorene  
Concen: 40.390 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:166 | Resp: | 325757      |
| Ion         | Ratio | Lower Upper |
| 166         | 100   |             |
| 165         | 97.8  | 79.0 118.6  |
| 167         | 13.4  | 10.5 15.7   |

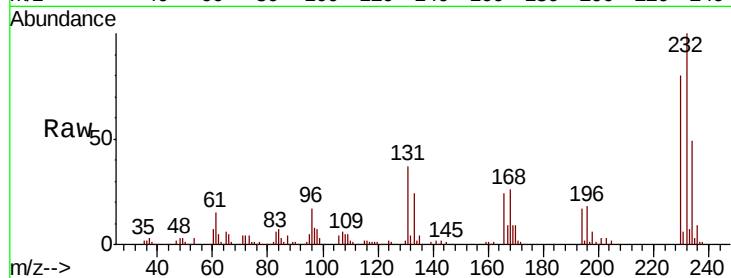




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.600 ng  
 RT: 15.27 min Scan# 2073  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 38.0  | 26.9  | 40.3  |
| 130     | 2.0   | 1.8   | 2.6   |
| 166     | 24.6  | 20.9  | 31.3  |



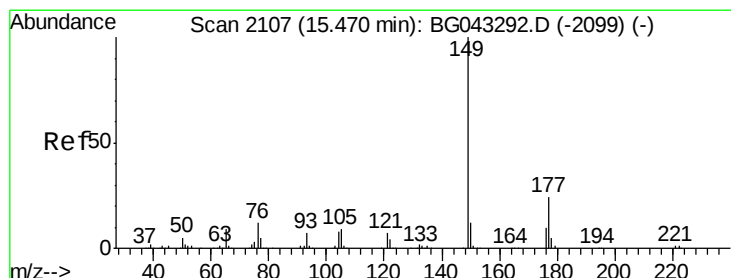
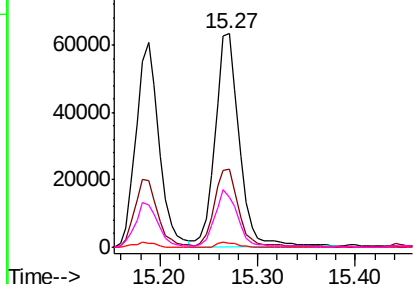
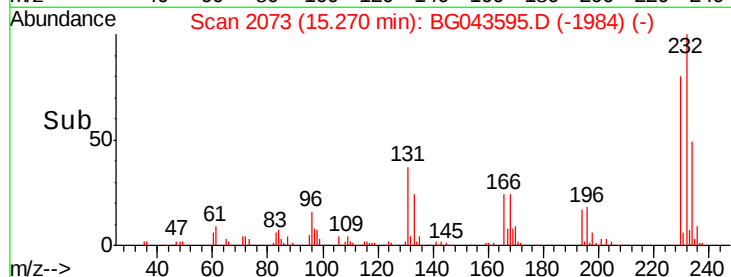
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

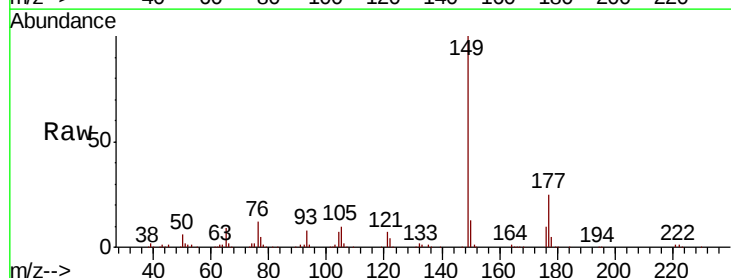
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 39.886 ng  
 RT: 15.45 min Scan# 2103  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.8  | 19.6  | 29.4  |
| 150     | 13.0  | 10.8  | 16.2  |

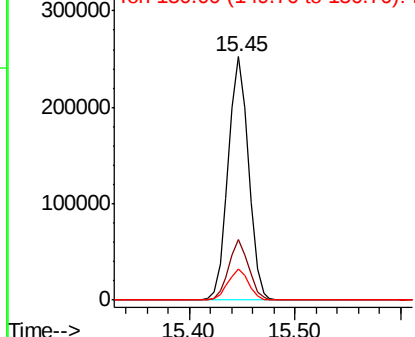
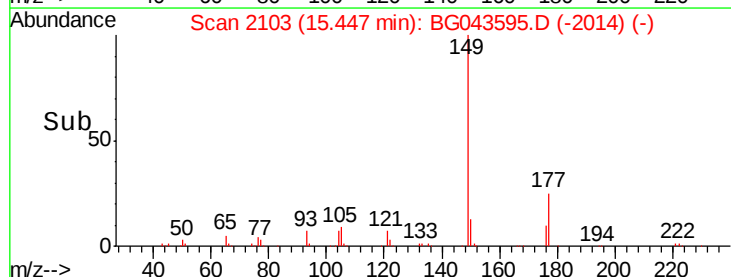


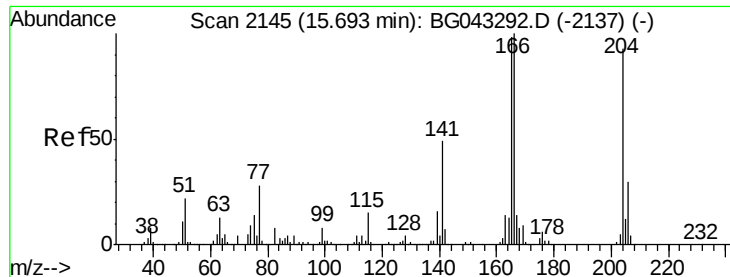
Abundance

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

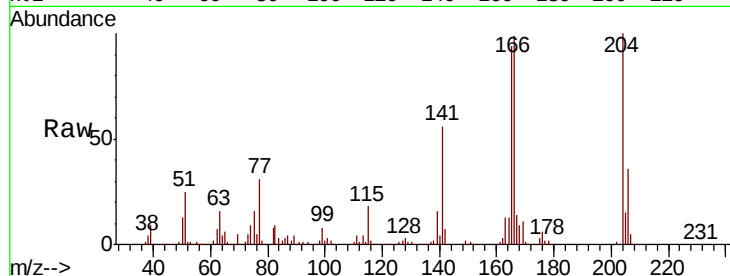




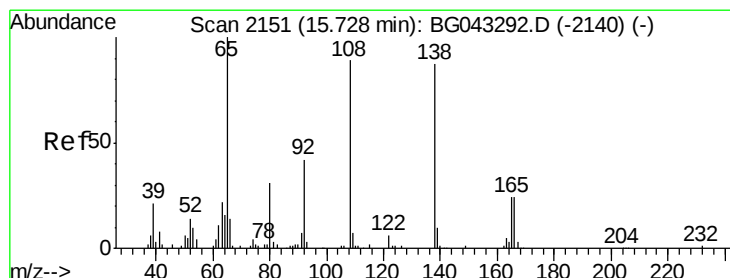
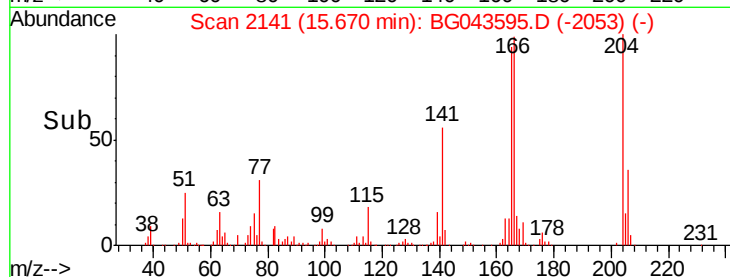
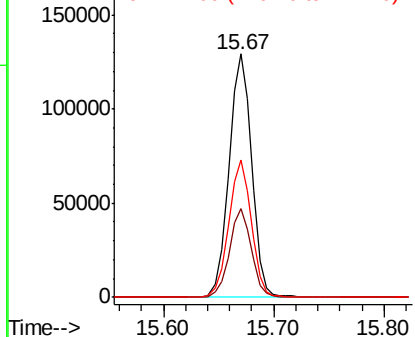
#61  
4-Chlorophenyl-phenylether  
Concen: 39.564 ng  
RT: 15.67 min Scan# 2141  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

Tot Ion:204 Resp: 186151  
Ion Ratio Lower Upper  
204 100  
206 36.2 28.4 42.6  
141 56.3 43.0 64.6

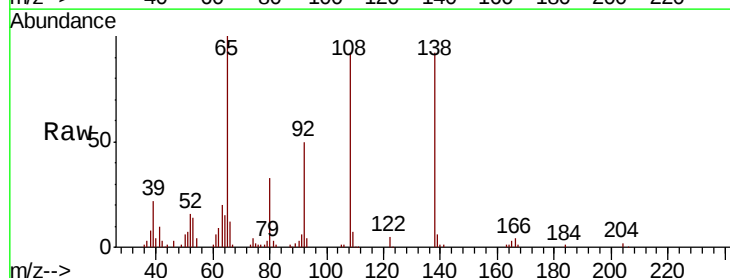


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

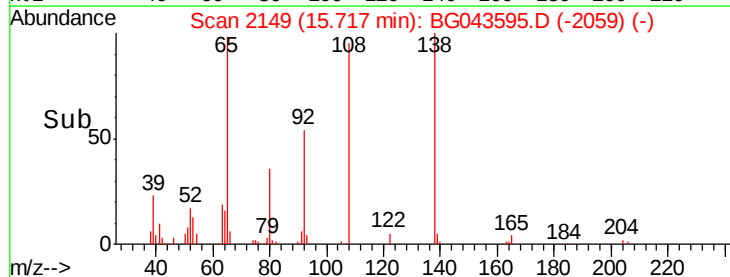
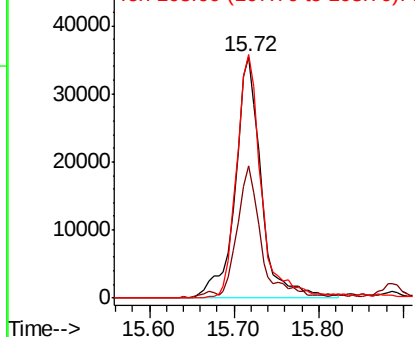


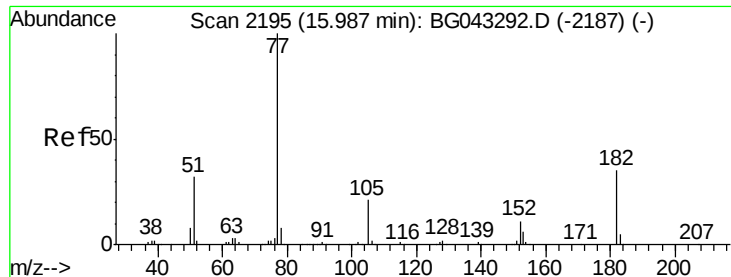
#62  
4-Nitroaniline  
Concen: 41.350 ng  
RT: 15.72 min Scan# 2149  
Delta R.T. 0.00 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Tgt Ion:138 Resp: 74886  
Ion Ratio Lower Upper  
138 100  
92 54.5 33.4 73.4  
108 100.7 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

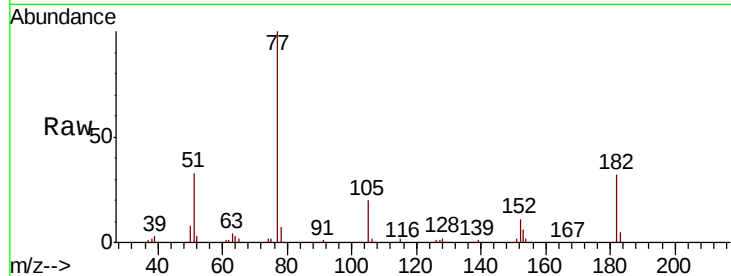




#63  
Azobenzene  
Concen: 41.258 ng  
RT: 15.96 min Scan# 2191  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 31.8  | 13.7  | 53.7  |
| 105     | 20.3  | 0.4   | 40.4  |
| 51      | 33.4  | 11.0  | 51.0  |



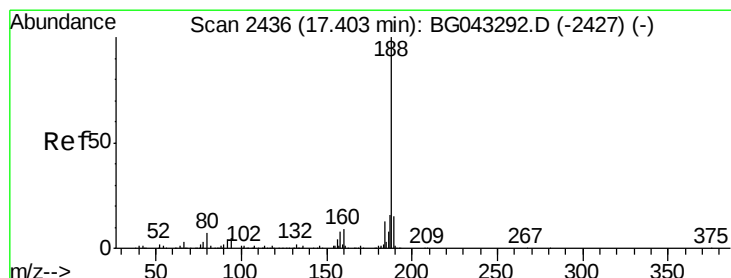
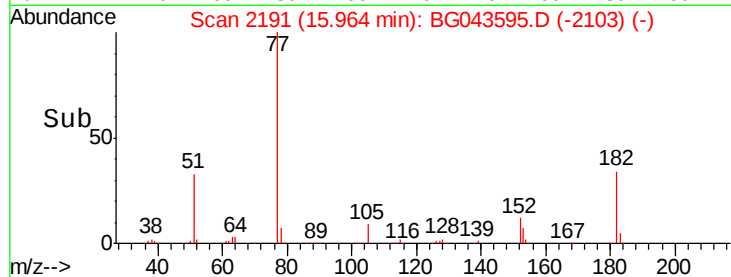
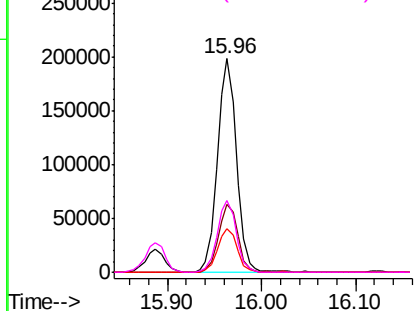
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

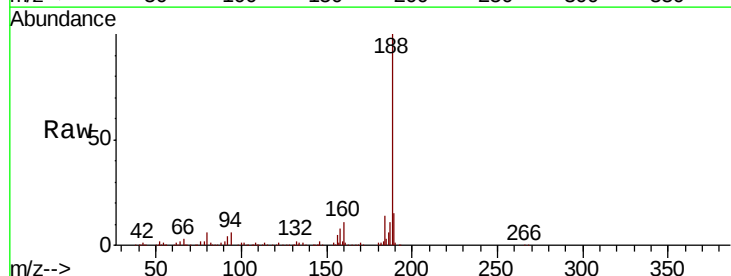
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.38 min Scan# 2432  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.1   | 4.2   | 6.4   |
| 80      | 6.0   | 4.5   | 6.7   |

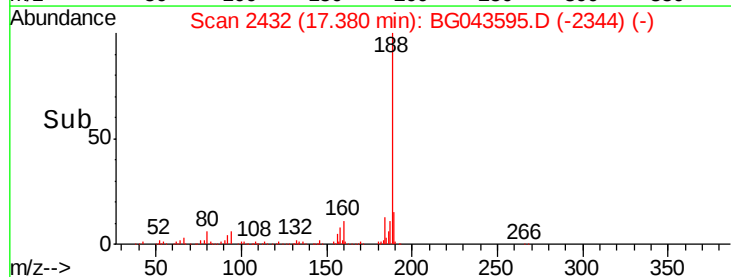
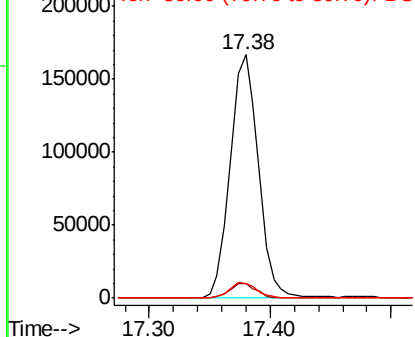


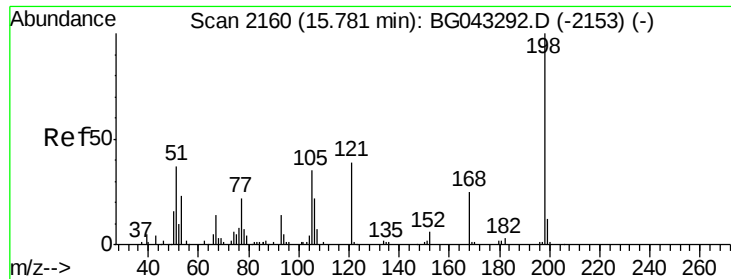
Abundance

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

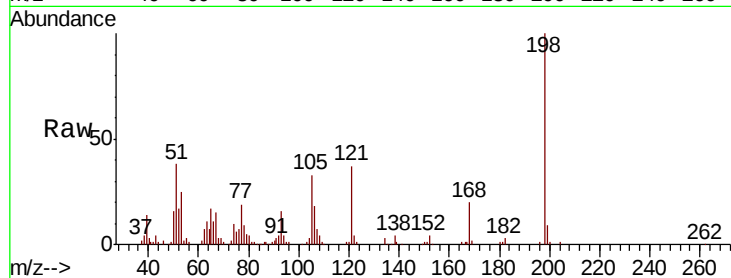




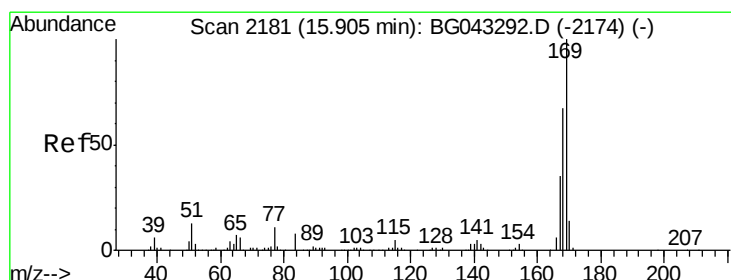
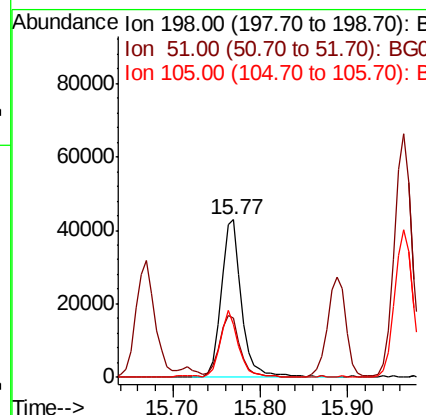
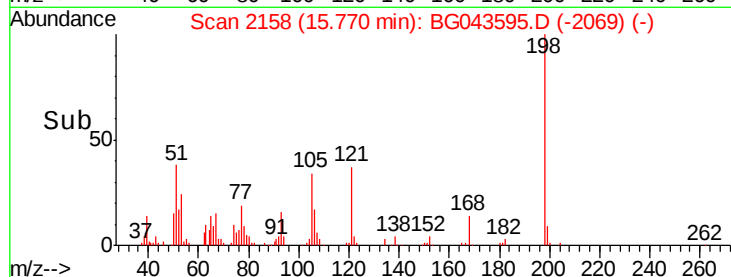
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 42.843 ng  
 RT: 15.77 min Scan# 2158  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

Tot Ion:198 Resp: 68776  
 Ion Ratio Lower Upper  
 198 100  
 51 37.9 13.2 53.2  
 105 33.4 15.8 55.8

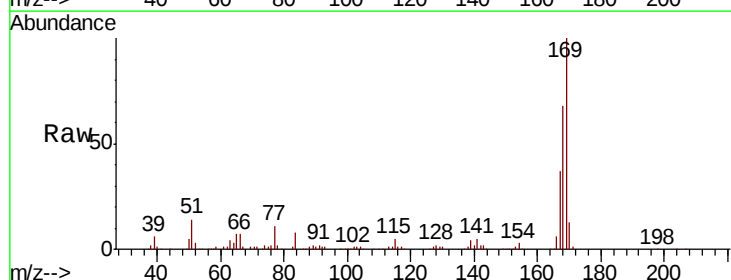


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

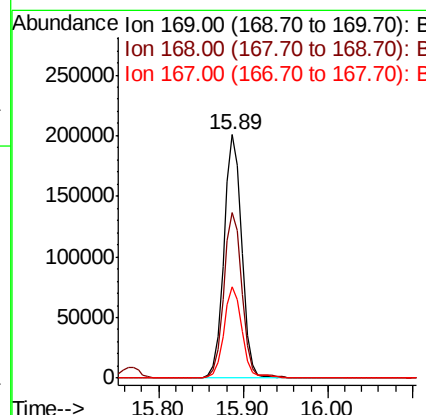
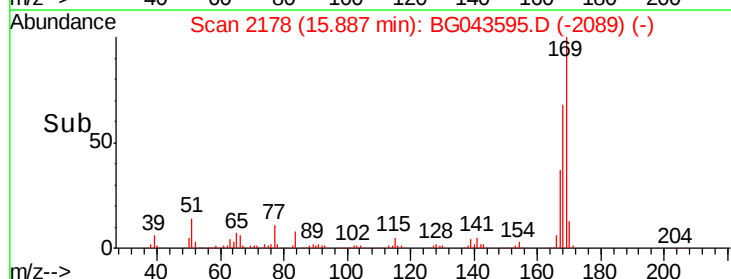


#66  
 n-Nitrosodiphenylamine  
 Concen: 38.344 ng  
 RT: 15.89 min Scan# 2178  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Tgt Ion:169 Resp: 295295  
 Ion Ratio Lower Upper  
 169 100  
 168 68.1 53.8 80.6  
 167 37.4 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

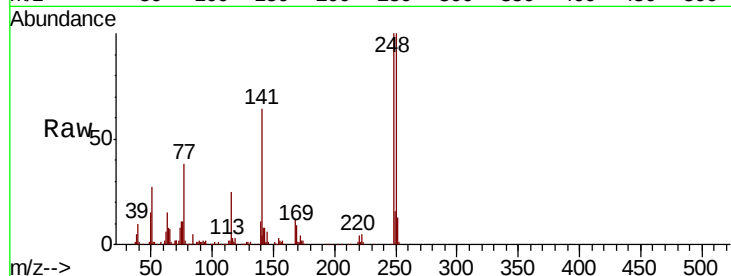




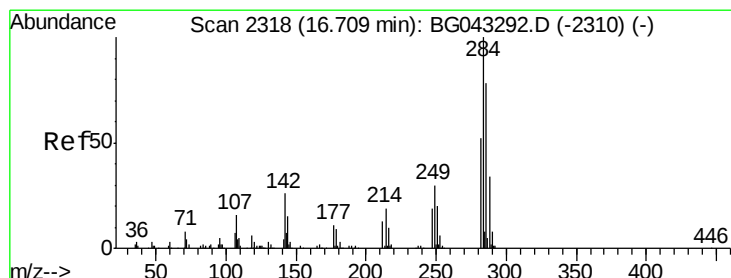
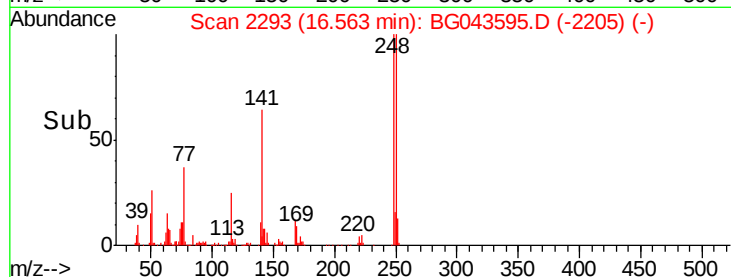
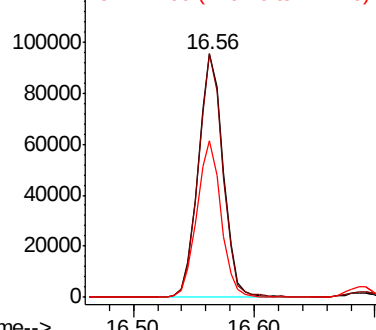
#67  
4-Bromophenyl-phenylether  
Concen: 37.242 ng  
RT: 16.56 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

Tot Ion:248 Resp: 136715  
Ion Ratio Lower Upper  
248 100  
250 100.0 77.0 115.4  
141 64.3 47.5 71.3

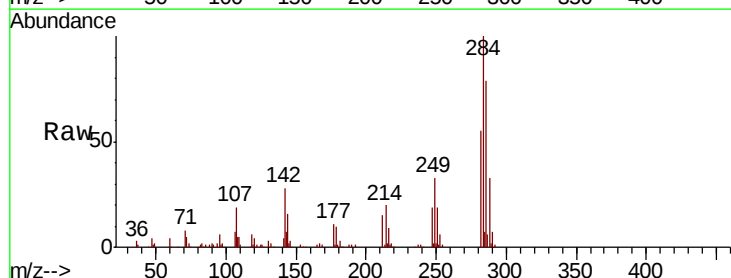


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

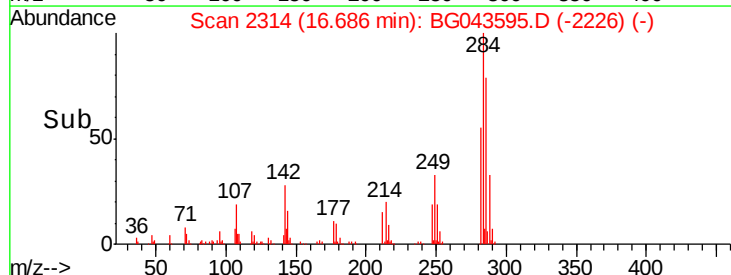
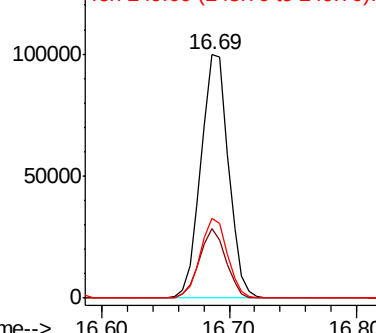


#68  
Hexachlorobenzene  
Concen: 35.627 ng  
RT: 16.69 min Scan# 2314  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Tgt Ion:284 Resp: 150127  
Ion Ratio Lower Upper  
284 100  
142 28.3 19.8 29.8  
249 33.0 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

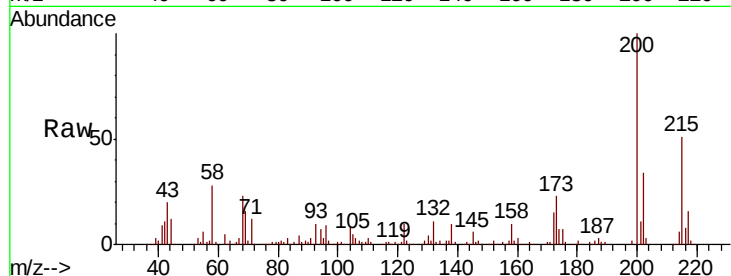




#69  
 Atrazine  
 Concen: 49.975 ng  
 RT: 16.84 min Scan# 2340  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.4  | 4.7   | 44.7  |
| 215     | 50.9  | 28.5  | 68.5  |

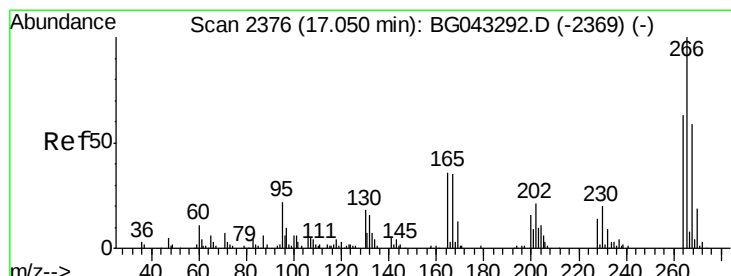
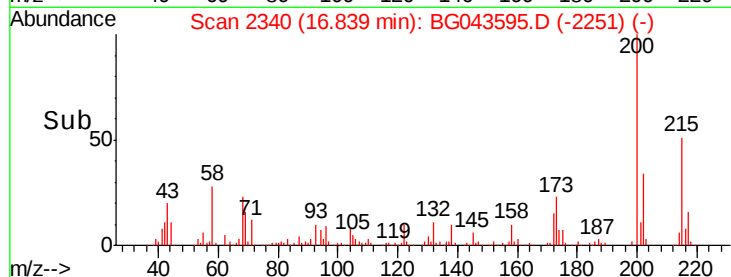
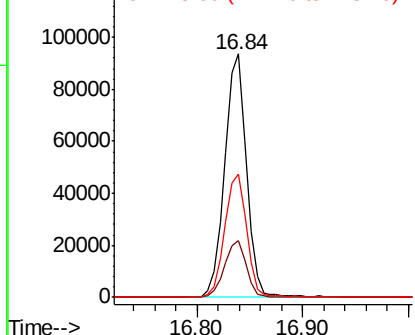


Abundance

Ion 200.00 (199.70 to 200.70): E

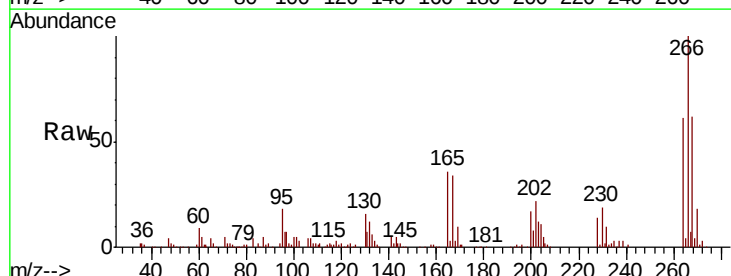
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 78.373 ng  
 RT: 17.04 min Scan# 2375  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.3  | 50.4  | 75.6  |
| 264     | 60.9  | 48.9  | 73.3  |

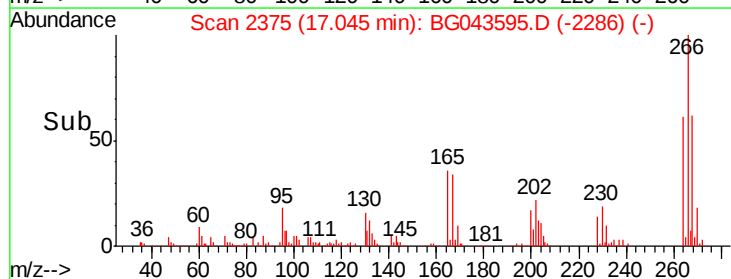
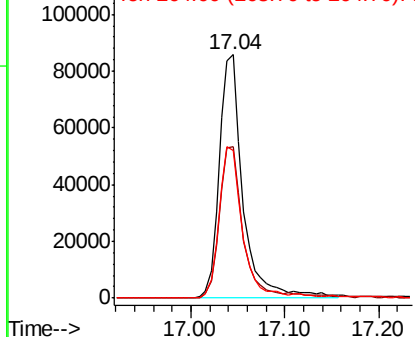


Abundance

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

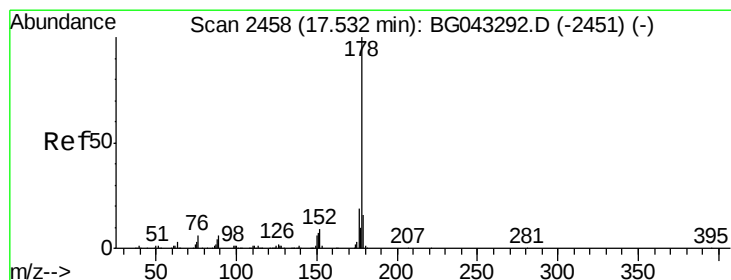
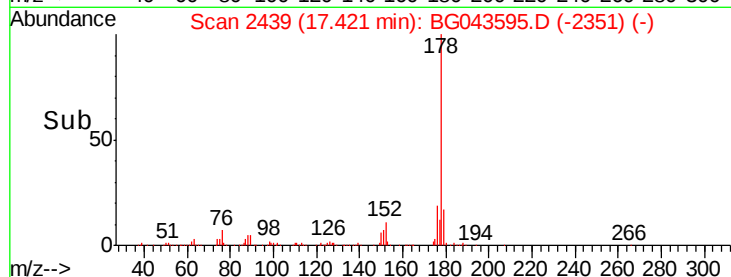
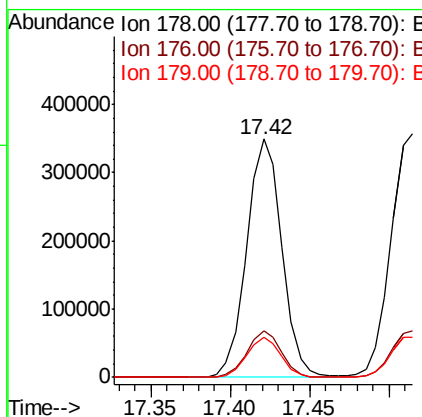
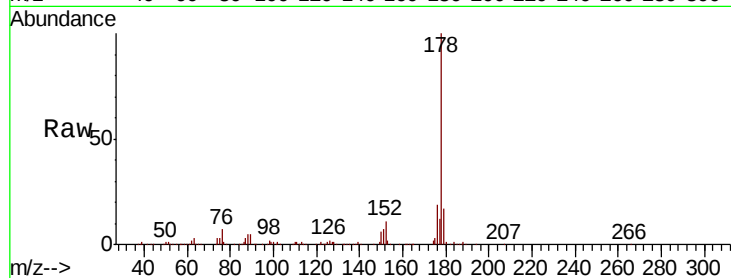




#71  
Phenanthrene  
Concen: 38.525 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

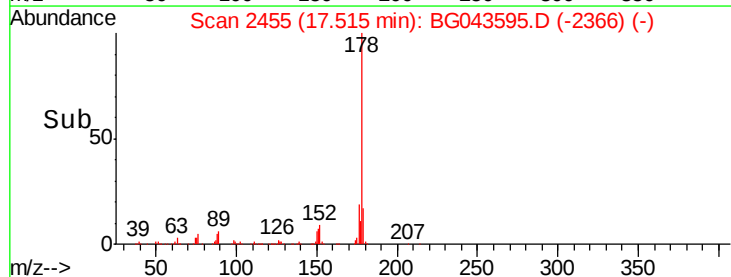
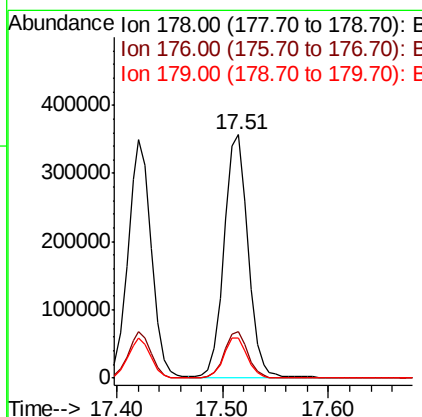
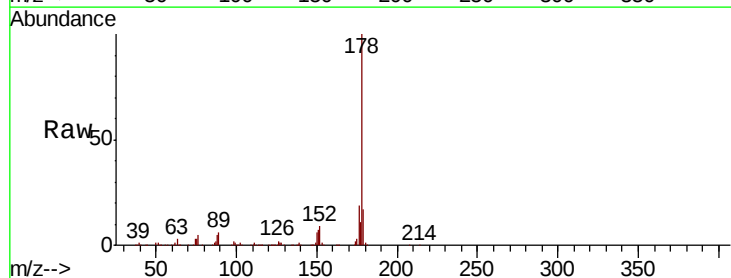
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

Tot Ion:178 Resp: 538136  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.0  
179 17.0 13.0 19.6



#72  
Anthracene  
Concen: 40.011 ng  
RT: 17.51 min Scan# 2455  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Tgt Ion:178 Resp: 559176  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.5 23.3  
179 16.6 13.7 20.5





#73

Carbazole

Concen: 40.207 ng

RT: 17.79 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

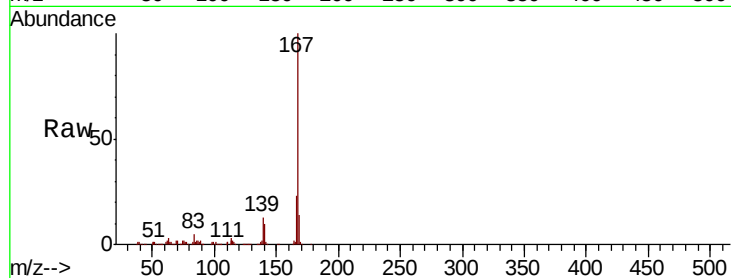
Tot Ion:167 Resp: 508863

Ion Ratio Lower Upper

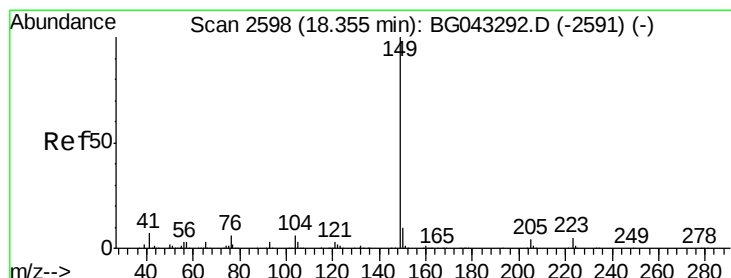
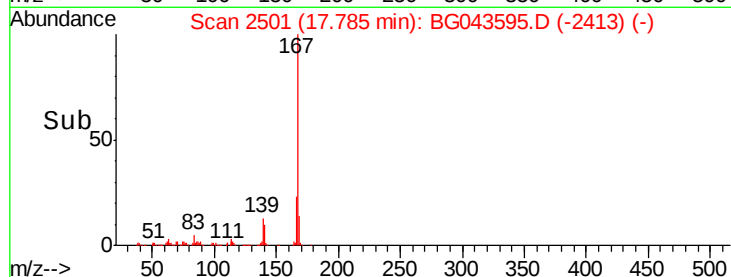
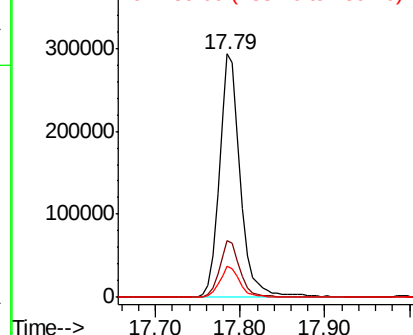
167 100

166 23.3 18.7 28.1

139 12.9 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.868 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

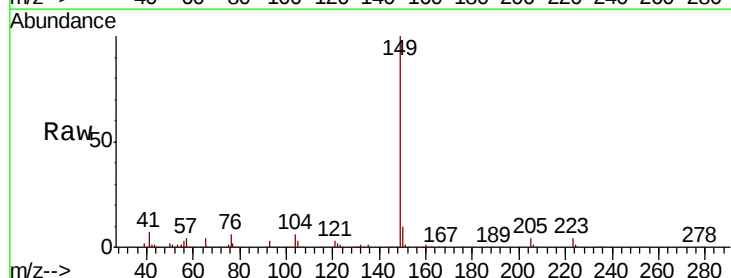
Tgt Ion:149 Resp: 612227

Ion Ratio Lower Upper

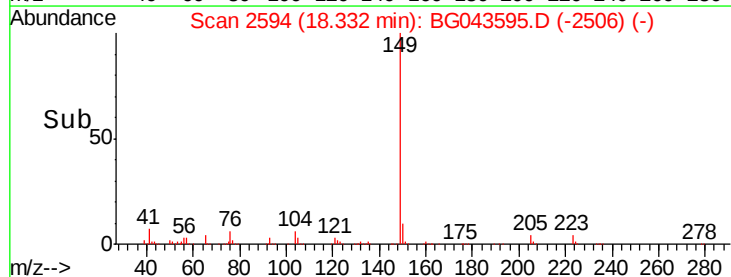
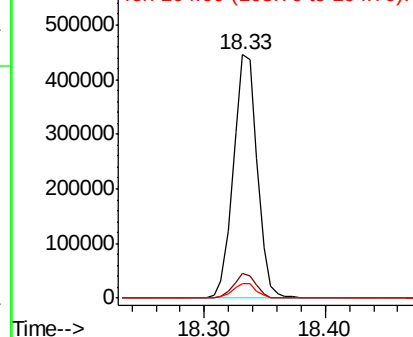
149 100

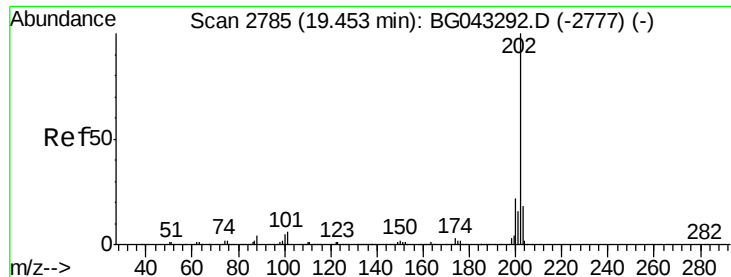
150 10.2 8.0 12.0

104 6.1 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.203 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

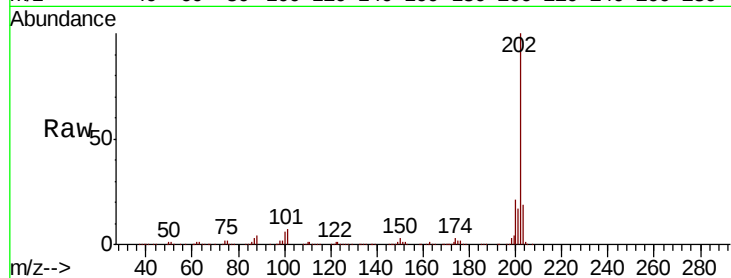
Tot Ion:202 Resp: 732112

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.3

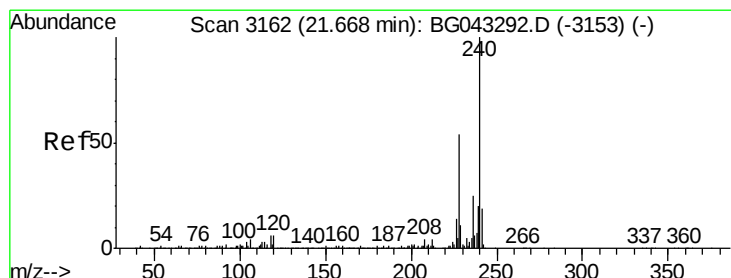
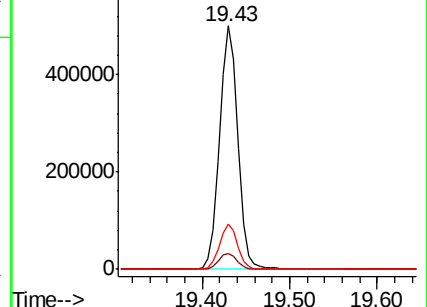
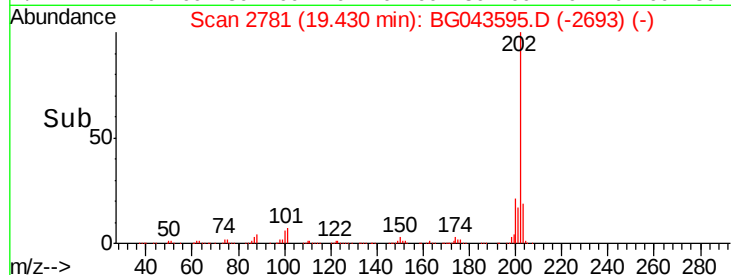
203 18.5 0.0 37.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

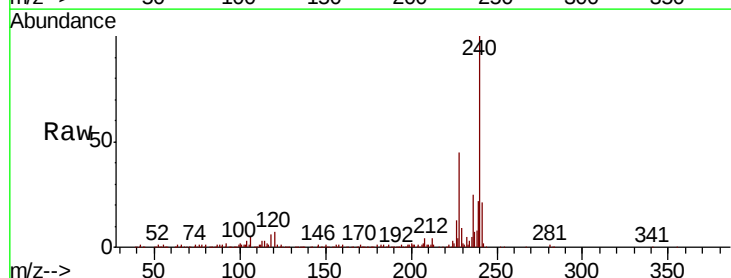
Tgt Ion:240 Resp: 234743

Ion Ratio Lower Upper

240 100

120 6.8 4.6 6.8

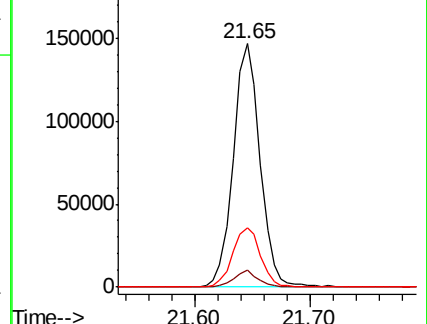
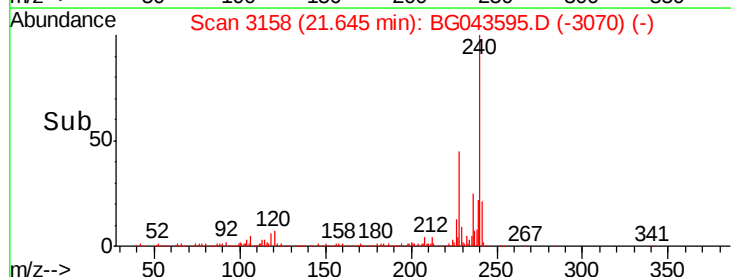
236 24.5 19.8 29.8



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





#77

Benzidine

Concen: 46.840 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

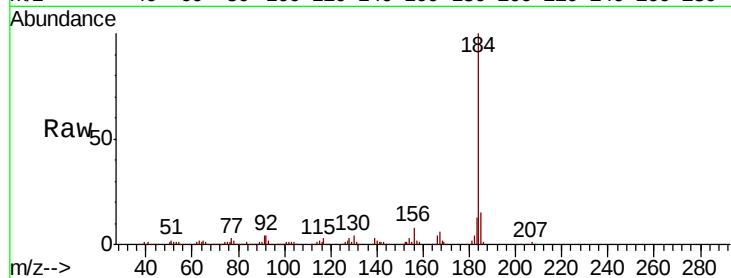
Tot Ion:184 Resp: 221286

Ion Ratio Lower Upper

184 100

185 14.9 11.0 16.4

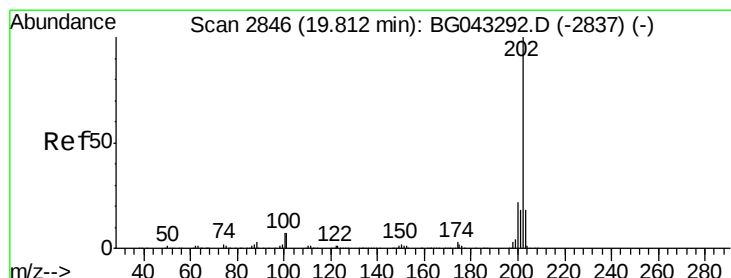
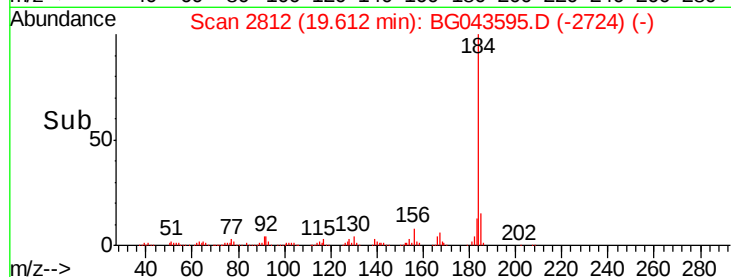
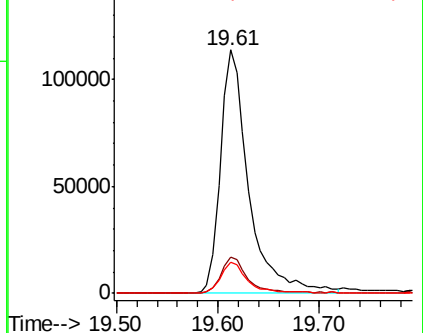
183 12.6 10.0 15.0



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: 50.233 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

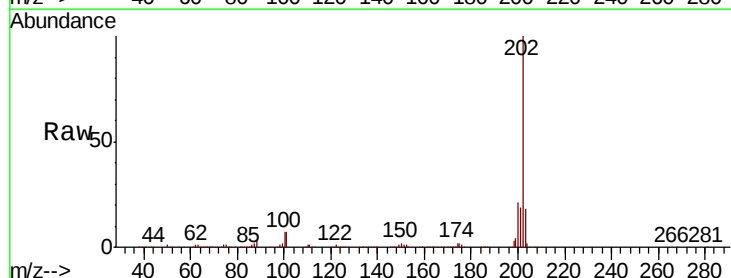
Tgt Ion:202 Resp: 729897

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

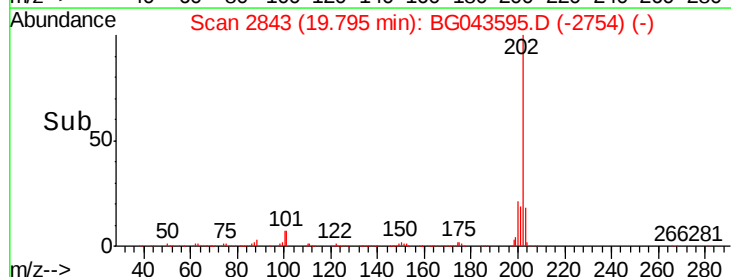
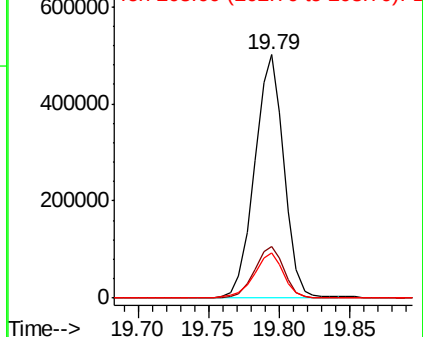
203 18.4 14.7 22.1

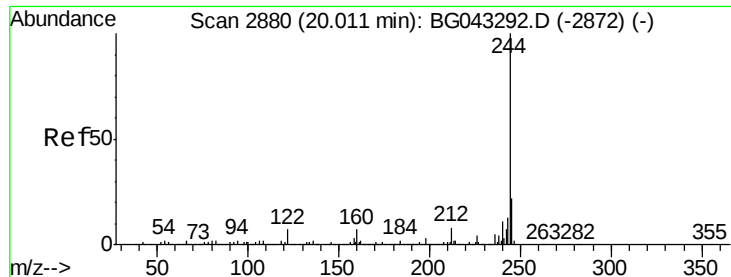


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.264 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

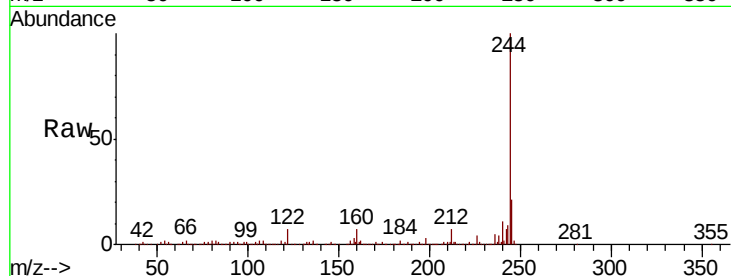
Tot Ion:244 Resp: 941745

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

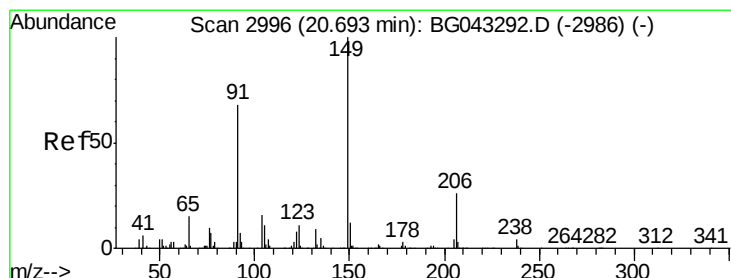
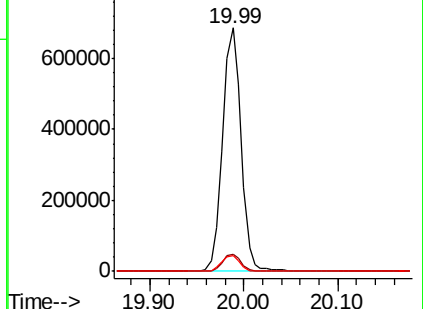
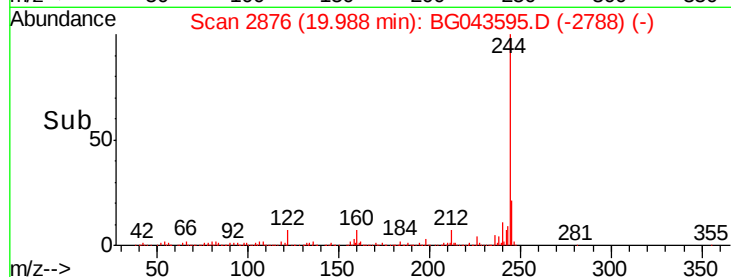
122 6.7 5.4 8.2



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: 43.429 ng

RT: 20.68 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

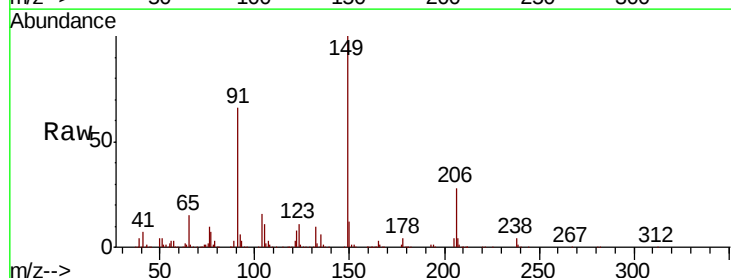
Tgt Ion:149 Resp: 239073

Ion Ratio Lower Upper

149 100

91 66.3 51.2 76.8

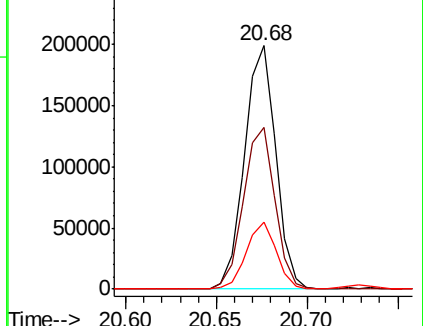
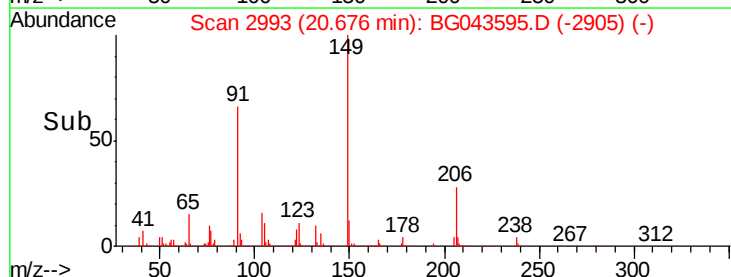
206 27.7 22.5 33.7

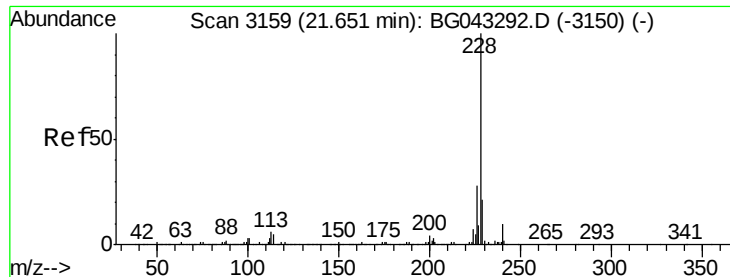


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

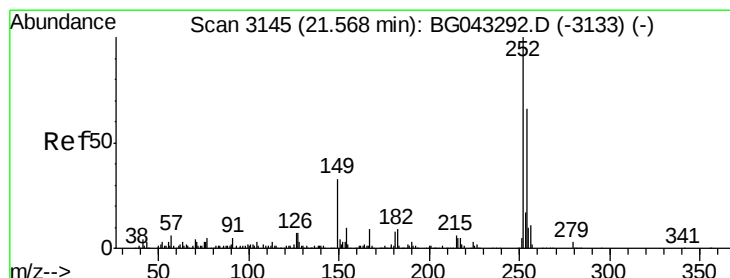
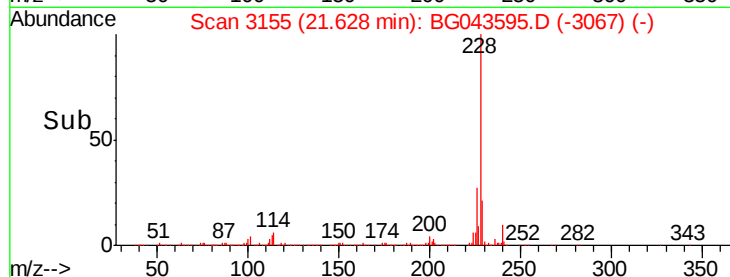
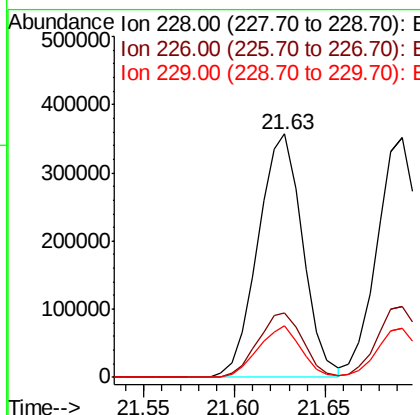
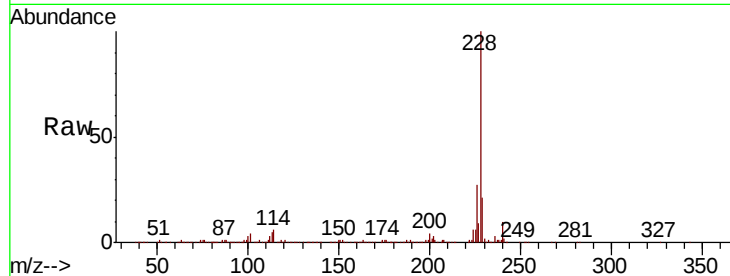




#81  
Benzo(a)anthracene  
Concen: 41.605 ng  
RT: 21.63 min Scan# 3155  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

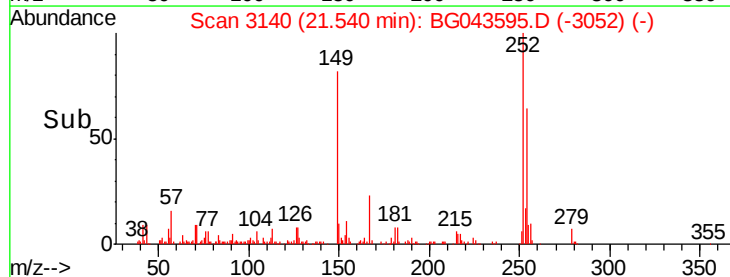
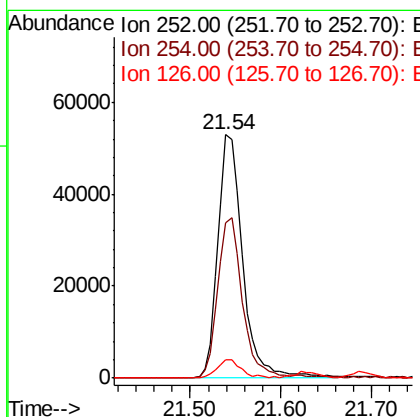
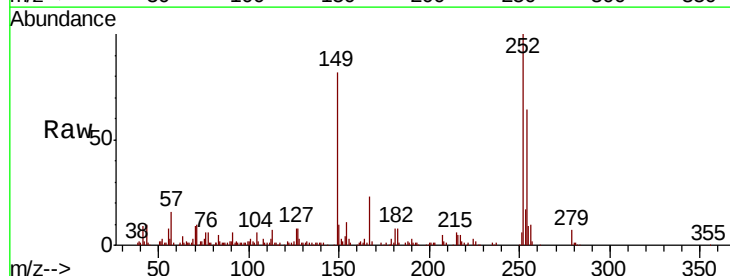
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

Tot Ion:228 Resp: 611772  
Ion Ratio Lower Upper  
228 100  
226 26.6 22.2 33.2  
229 21.0 17.0 25.4



#82  
3,3'-Dichlorobenzidine  
Concen: 17.703 ng  
RT: 21.54 min Scan# 3140  
Delta R.T. -0.01 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Tgt Ion:252 Resp: 100682  
Ion Ratio Lower Upper  
252 100  
254 63.9 50.8 76.2  
126 7.7 6.1 9.1

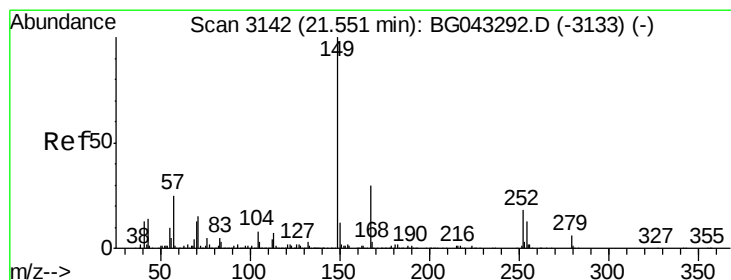
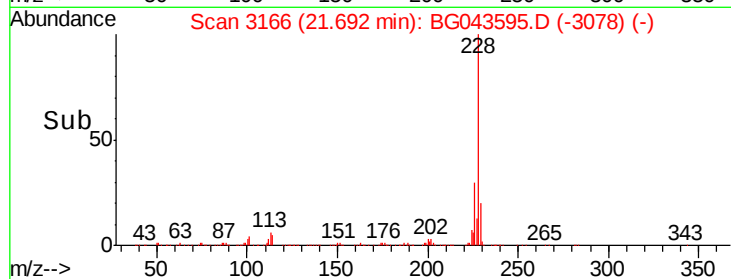
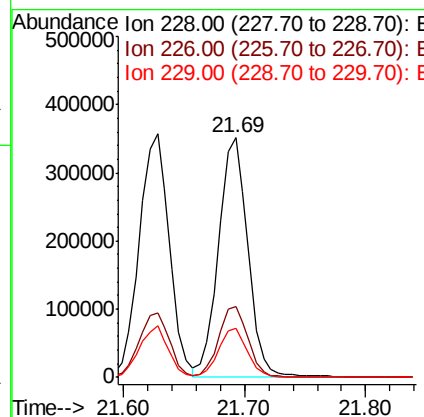
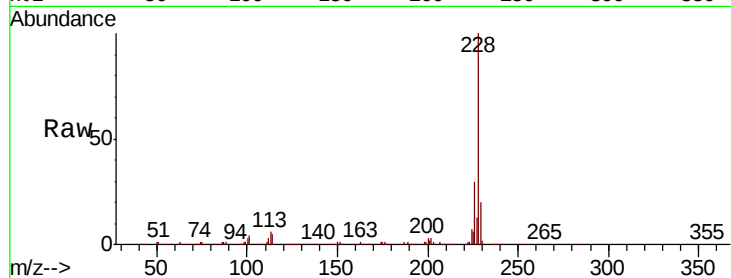




#83  
 Chrvsene  
 Concen: 40.059 ng  
 RT: 21.69 min Scan# 3166  
 Delta R.T. -0.01 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

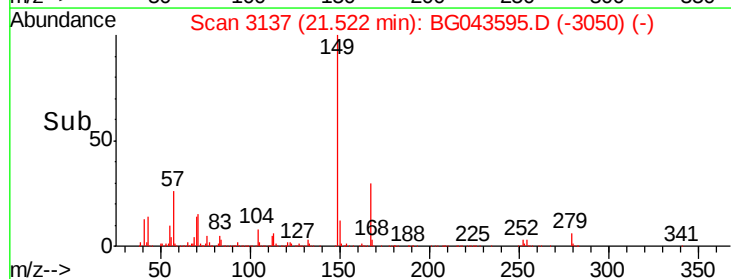
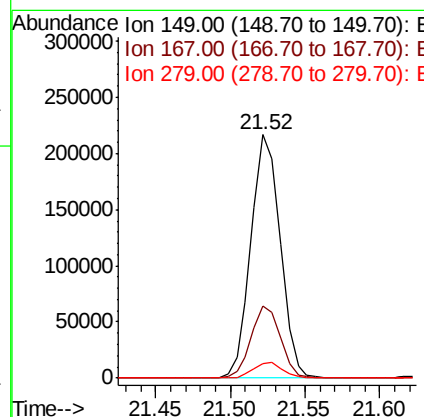
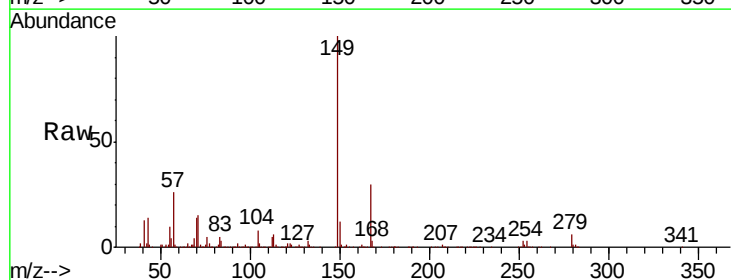
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-2A-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 25.1  | 37.7  |
| 229     | 20.4  | 17.0  | 25.4  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.477 ng  
 RT: 21.52 min Scan# 3137  
 Delta R.T. -0.02 min  
 Lab File: BG043595.D  
 Acq: 11 Nov 2019 22:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.5  | 24.0  | 36.0  |
| 279     | 5.7   | 5.4   | 8.2   |





#85

Di-n-octyl phthalate

Concen: 37.885 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

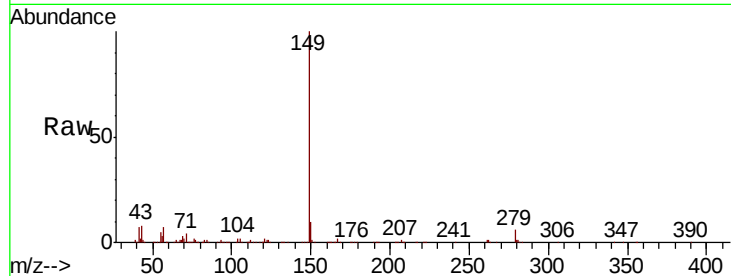
Tot Ion:149 Resp: 502625

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

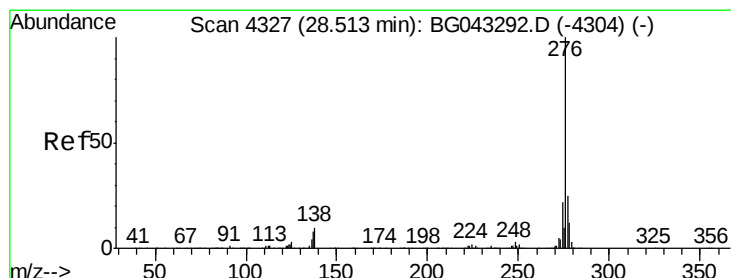
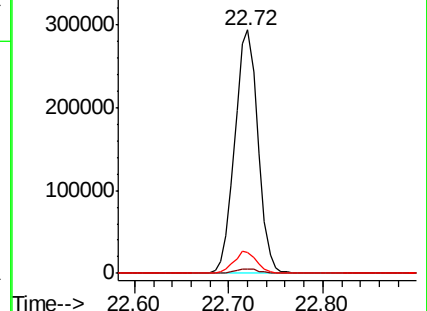
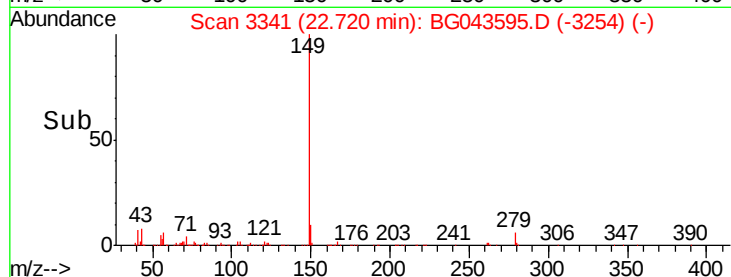
43 8.7 7.0 10.6



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: 38.066 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.03 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

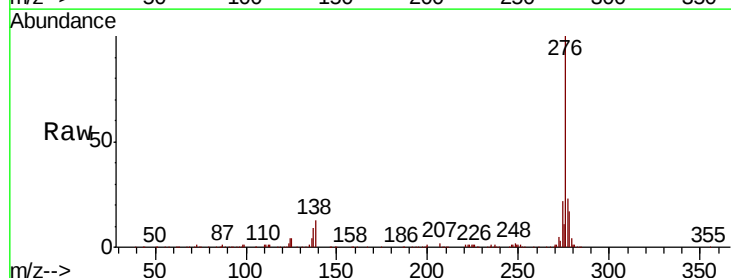
Tgt Ion:276 Resp: 698082

Ion Ratio Lower Upper

276 100

138 6.6 6.8 10.2#

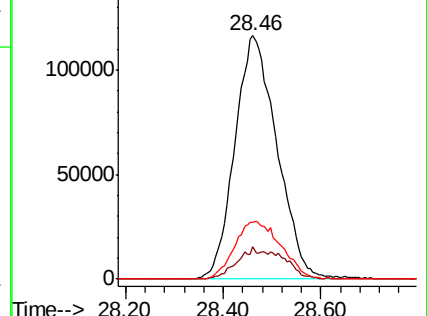
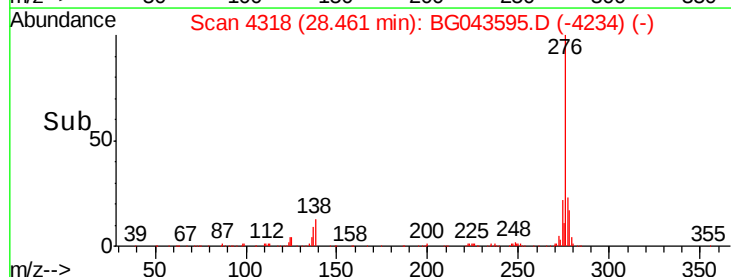
277 26.1 20.9 31.3

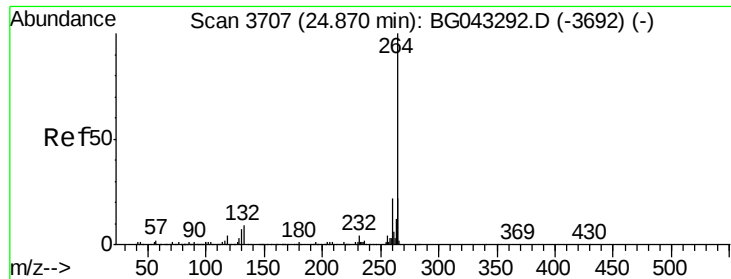


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

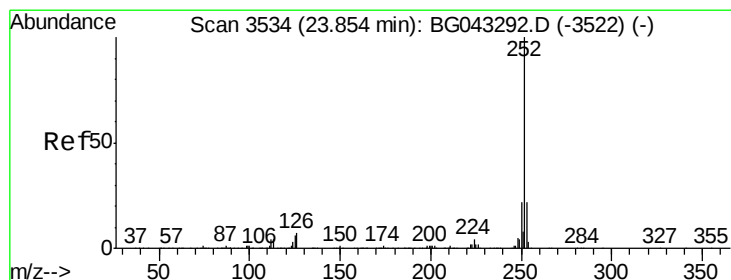
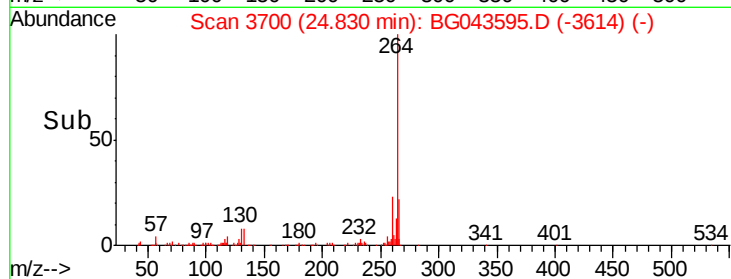
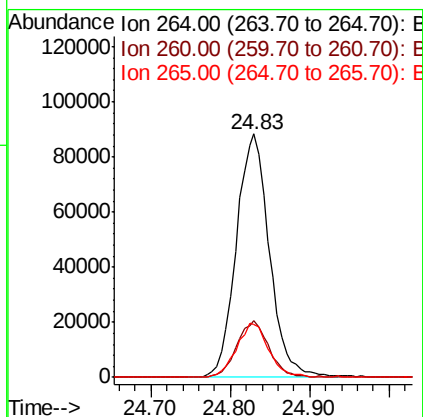
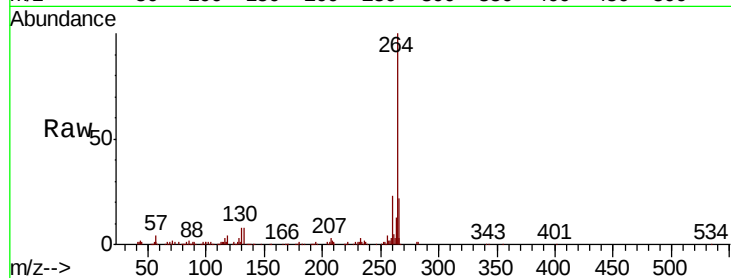




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.83 min Scan# 3700  
Delta R.T. -0.02 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

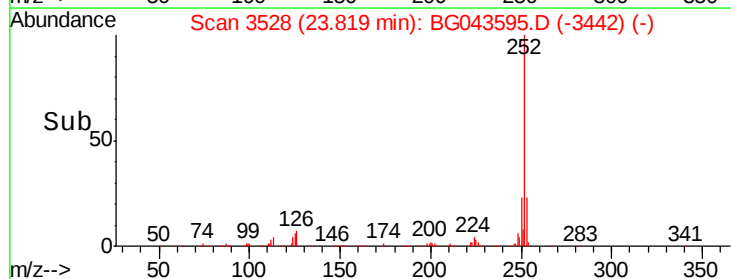
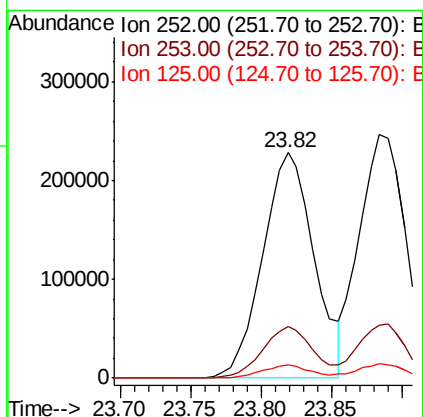
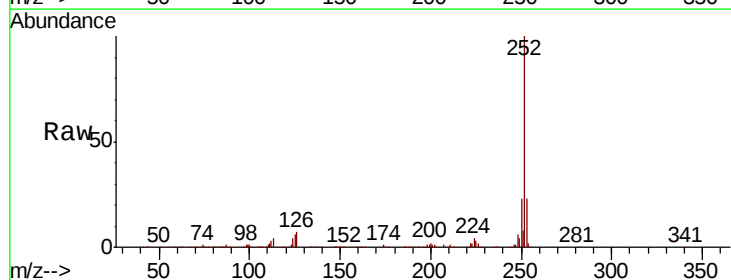
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

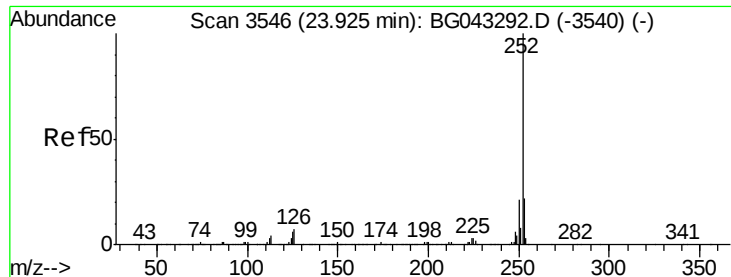
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 17.5  | 26.3  |
| 265     | 21.6  | 17.4  | 26.0  |



#88  
Benzo(b)fluoranthene  
Concen: 40.181 ng  
RT: 23.82 min Scan# 3528  
Delta R.T. -0.02 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.7  | 26.5  |
| 125     | 5.6   | 4.5   | 6.7   |

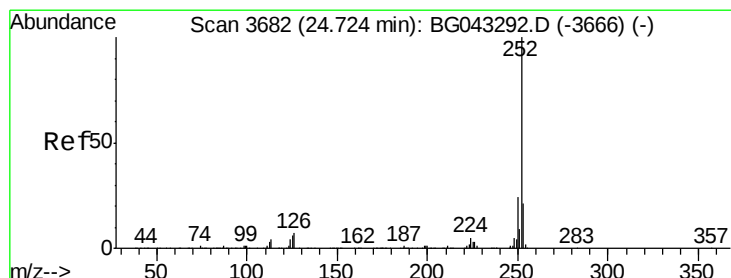
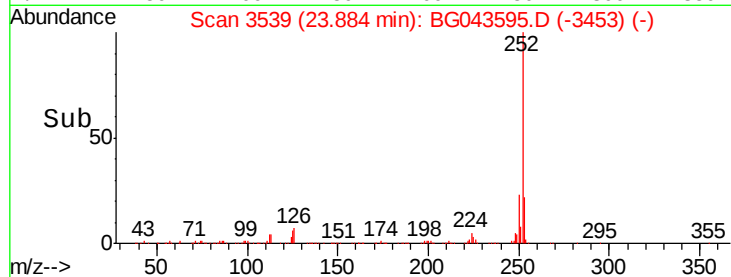
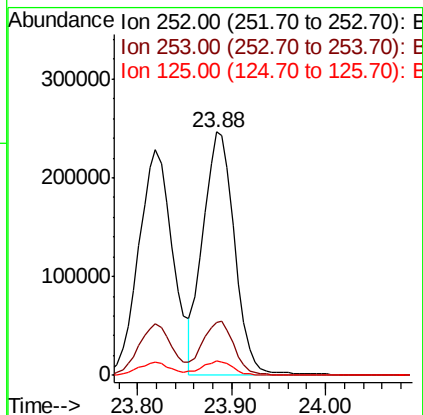
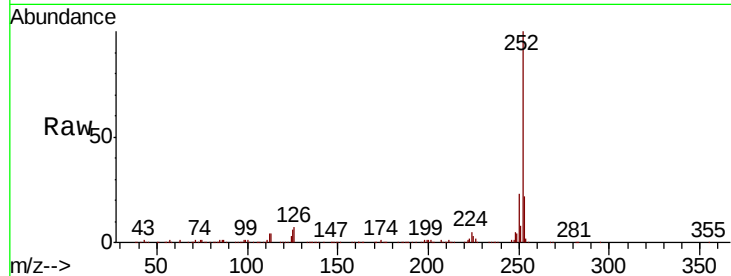




#89  
Benzo(k)fluoranthene  
Concen: 39.687 ng  
RT: 23.88 min Scan# 3539  
Delta R.T. -0.02 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

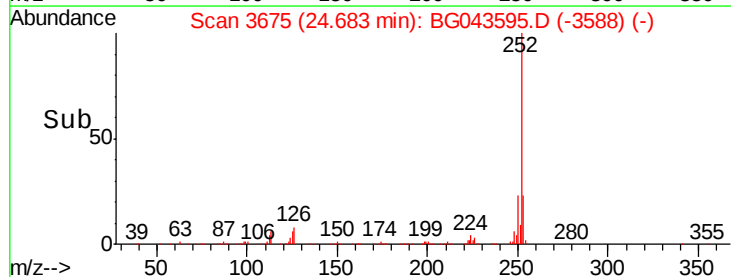
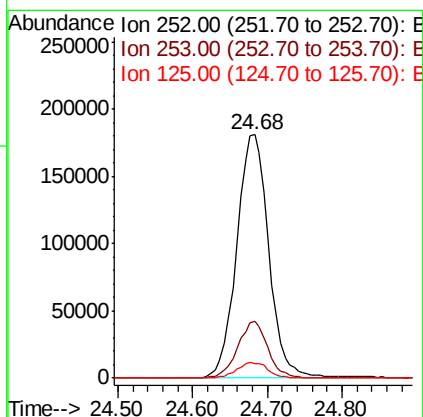
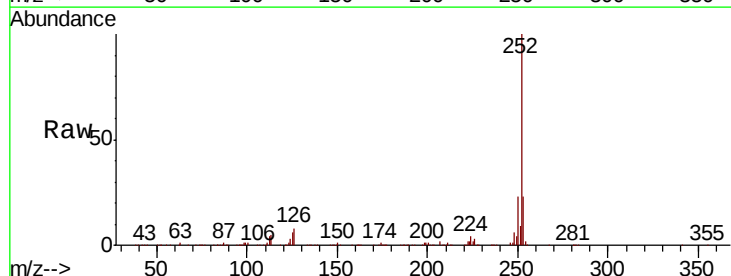
Instrument :  
BNA\_G  
ClientSampleId :  
TP-2A-COMPMSD

Tot Ion:252 Resp: 577383  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.3 25.9  
125 6.0 4.6 6.8



#90  
Benzo(a)pyrene  
Concen: 39.073 ng  
RT: 24.68 min Scan# 3675  
Delta R.T. -0.02 min  
Lab File: BG043595.D  
Acq: 11 Nov 2019 22:34

Tgt Ion:252 Resp: 539206  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.8 26.8  
125 5.8 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 42.149 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.03 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

Instrument :

BNA\_G

ClientSampleId :

TP-2A-COMPMSD

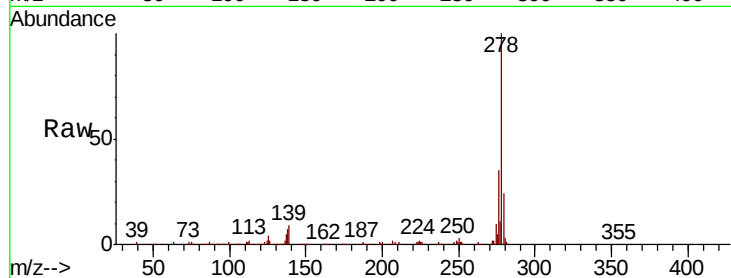
Tot Ion:278 Resp: 594950

Ion Ratio Lower Upper

278 100

139 9.0 7.4 11.0

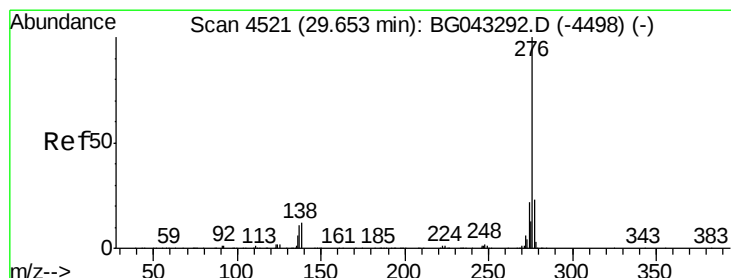
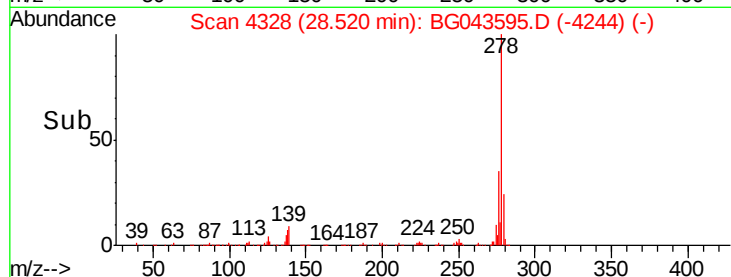
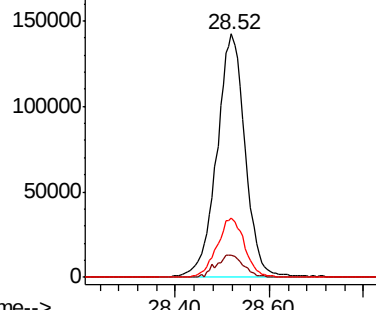
279 24.2 19.1 28.7



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: 42.276 ng

RT: 29.59 min Scan# 4511

Delta R.T. -0.03 min

Lab File: BG043595.D

Acq: 11 Nov 2019 22:34

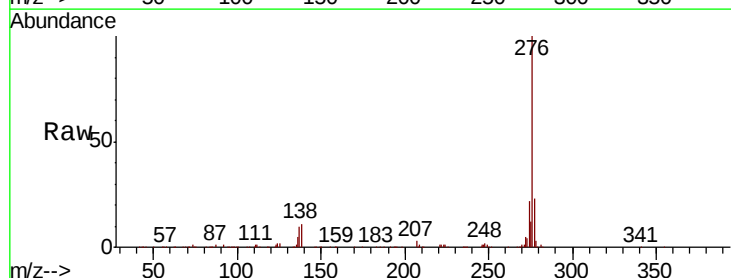
Tgt Ion:276 Resp: 588626

Ion Ratio Lower Upper

276 100

277 22.6 18.9 28.3

138 11.4 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

