

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050120\  
 Data File : BG045222.D  
 Acq On : 1 May 2020 18:57  
 Operator : CG/JU  
 Sample : L2122-15MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

Quant Time: May 01 19:33:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 01 11:17:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.99  | 152  | 67146    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.80 | 136  | 264409   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 205426   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.38 | 188  | 499164   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.65 | 240  | 474383   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.82 | 264  | 523754   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.56  | 112 | 354937  | 87.27 | ng | 0.00 |
| 7) Phenol-d6                | 7.15  | 99  | 461578  | 76.39 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.15  | 82  | 350386  | 60.47 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.12 | 330 | 297729  | 93.82 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.25 | 172 | 870862  | 62.16 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.00 | 244 | 1578341 | 72.52 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.45  | 88  | 50729  | 28.066 | ng | # 55 |
| 3) Pyridine                    | 3.87  | 79  | 19790  | 3.556  | ng | # 88 |
| 4) n-Nitrosodimethylamine      | 3.76  | 42  | 48681  | 28.555 | ng | # 94 |
| 6) Aniline                     | 7.31  | 93  | 82350  | 10.481 | ng | 97   |
| 8) 2-Chlorophenol              | 7.56  | 128 | 139590 | 31.935 | ng | 98   |
| 9) Benzaldehyde                | 7.12  | 77  | 131154 | 37.925 | ng | 99   |
| 10) Phenol                     | 7.18  | 94  | 165952 | 27.444 | ng | 100  |
| 11) bis(2-Chloroethyl)ether    | 7.41  | 93  | 135509 | 28.147 | ng | 95   |
| 12) 1,3-Dichlorobenzene        | 7.88  | 146 | 140983 | 27.372 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 8.02  | 146 | 144832 | 28.219 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146 | 137531 | 28.010 | ng | 97   |
| 15) Benzyl Alcohol             | 8.22  | 79  | 137541 | 27.148 | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45  | 122256 | 25.869 | ng | 95   |
| 17) 2-Methylphenol             | 8.44  | 107 | 125666 | 26.936 | ng | 97   |
| 18) Hexachloroethane           | 9.08  | 117 | 54660  | 28.330 | ng | 94   |
| 19) n-Nitroso-di-n-propylamine | 8.79  | 70  | 122735 | 28.720 | ng | 97   |
| 20) 3+4-Methylphenols          | 8.76  | 107 | 170681 | 26.137 | ng | 96   |
| 22) Acetophenone               | 8.81  | 105 | 227666 | 31.840 | ng | # 97 |
| 24) Nitrobenzene               | 9.19  | 77  | 178262 | 30.011 | ng | 94   |
| 25) Isophorone                 | 9.72  | 82  | 352063 | 29.668 | ng | 99   |
| 26) 2-Nitrophenol              | 9.90  | 139 | 81652  | 31.913 | ng | 98   |
| 27) 2,4-Dimethylphenol         | 9.97  | 122 | 134718 | 33.184 | ng | 94   |
| 28) bis(2-Chloroethoxy)methane | 10.20 | 93  | 190275 | 30.517 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 152301 | 32.489 | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 10.66 | 180 | 161829 | 30.491 | ng | 99   |
| 31) Naphthalene                | 10.85 | 128 | 442594 | 30.599 | ng | 99   |
| 32) Benzoic acid               | 10.10 | 122 | 81131  | 27.827 | ng | 95   |
| 33) 4-Chloroaniline            | 10.96 | 127 | 45835  | 6.795  | ng | 96   |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 109795 | 30.173 | ng | 98   |
| 35) Caprolactam                | 11.71 | 113 | 29958  | 16.057 | ng | 91   |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 177570 | 32.245 | ng | 98   |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 349924 | 31.168 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.68 | 142 | 335104 | 31.617 | ng | 93   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 196908 | 29.771 | ng | 98   |

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

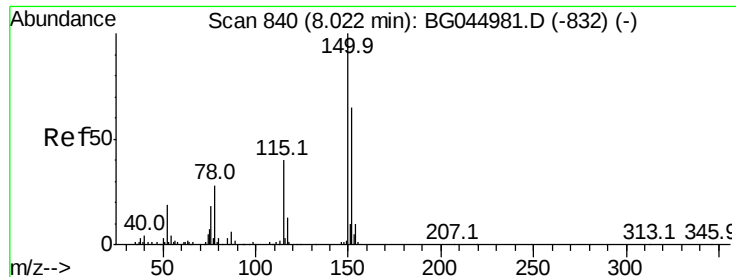
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

Quant Time: May 01 19:33:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 01 11:17:49 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 255053   | 61.697    | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 145309   | 31.128    | nq    | 92       |
| 44) 2,4,5-Trichlorophenol      | 13.14 | 196  | 157919   | 29.721    | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 466575   | 29.882    | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.50 | 162  | 355170   | 29.770    | nq    | 99       |
| 48) 2-Nitroaniline             | 13.70 | 65   | 116657   | 29.719    | nq    | 98       |
| 49) Acenaphthylene             | 14.35 | 152  | 606929   | 31.232    | nq    | 99       |
| 50) Dimethylphthalate          | 14.09 | 163  | 558820   | 33.409    | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.20 | 165  | 115686   | 30.921    | nq    | 97       |
| 52) Acenaphthene               | 14.70 | 154  | 362399   | 27.562    | nq    | 96       |
| 53) 3-Nitroaniline             | 14.53 | 138  | 58202    | 14.184    | nq #  | 99       |
| 54) 2,4-Dinitrophenol          | 14.73 | 184  | 128452   | 57.739    | nq #  | 92       |
| 55) Dibenzofuran               | 15.03 | 168  | 590560   | 30.808    | nq    | 99       |
| 56) 4-Nitrophenol              | 14.84 | 139  | 168114   | 52.840    | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.99 | 165  | 163055   | 29.823    | nq #  | 97       |
| 58) Fluorene                   | 15.68 | 166  | 495130   | 31.622    | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 157576   | 33.330    | nq    | 99       |
| 60) Diethylphthalate           | 15.45 | 149  | 531533   | 30.479    | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 274187   | 30.423    | nq    | 97       |
| 62) 4-Nitroaniline             | 15.69 | 138  | 111358   | 26.165    | nq    | 93       |
| 63) Azobenzene                 | 15.97 | 77   | 503740   | 31.330    | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 102674   | 31.293    | nq    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 445194   | 31.041    | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.57 | 248  | 193200   | 30.002    | nq    | 95       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 209037   | 31.299    | nq    | 98       |
| 69) Atrazine                   | 16.84 | 200  | 170932   | 31.213    | nq    | 99       |
| 70) Pentachlorophenol          | 17.04 | 266  | 250618   | 61.170    | nq    | 99       |
| 71) Phenanthrene               | 17.42 | 178  | 814784   | 31.765    | nq    | 99       |
| 72) Anthracene                 | 17.51 | 178  | 837901   | 32.565    | nq    | 99       |
| 73) Carbazole                  | 17.78 | 167  | 765528   | 29.318    | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.35 | 149  | 928935   | 30.761    | nq    | 99       |
| 75) Fluoranthene               | 19.43 | 202  | 1029103  | 32.407    | nq    | 97       |
| 77) Benzidine                  | 19.61 | 184  | 7377     | Below Cal | nq #  | 89       |
| 78) Pyrene                     | 19.79 | 202  | 1022521  | 31.266    | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 408697   | 30.148    | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.63 | 228  | 977856   | 31.804    | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 253910   | 20.748    | nq    | 98       |
| 83) Chrysene                   | 21.69 | 228  | 923969   | 31.276    | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 575026   | 30.842    | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.75 | 149  | 984682   | 30.541    | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.43 | 276  | 1233983  | 31.461    | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 23.89 | 252  | 1020569  | 31.108    | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.89 | 252  | 1020569  | 32.710    | nq    | 100      |
| 90) Benzo(a)pyrene             | 24.67 | 252  | 962501   | 31.073    | nq #  | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.49 | 278  | 1004287  | 32.176    | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.55 | 276  | 1027723  | 32.843    | nq    | 98       |

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



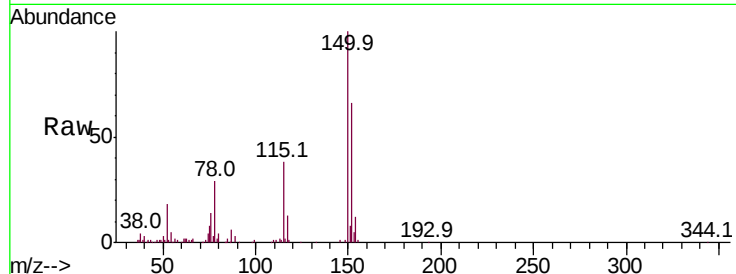


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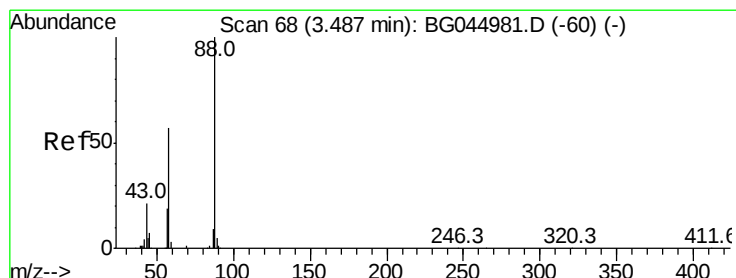
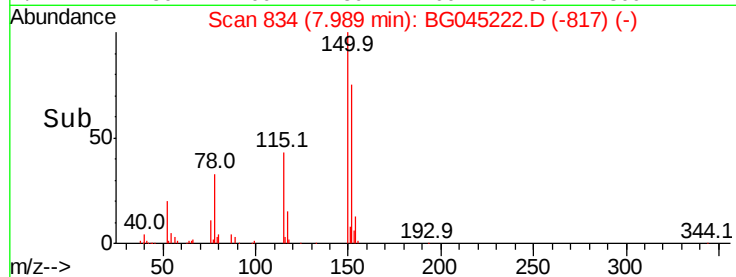
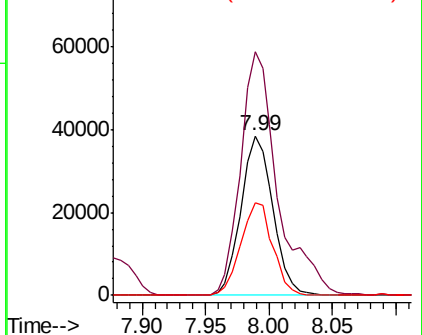
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.99 min Scan# 834  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

Tot Ion:152 Resp: 67146  
Ion Ratio Lower Upper  
152 100  
150 152.4 123.6 185.4  
115 58.0 49.1 73.7



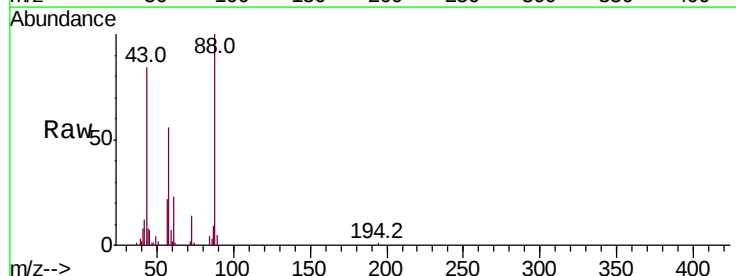
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



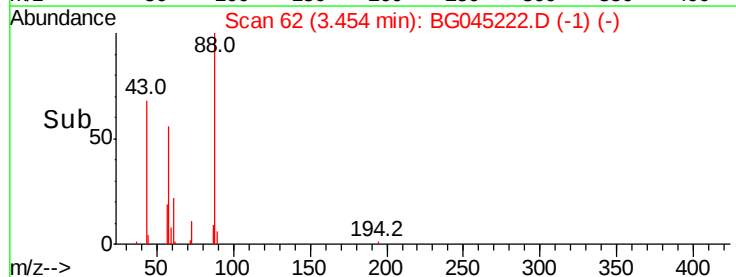
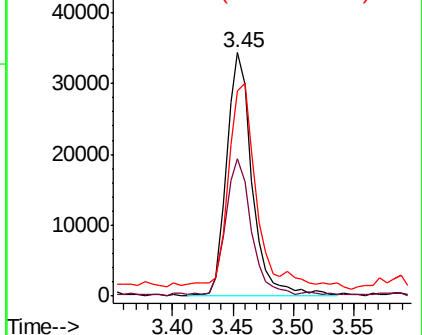
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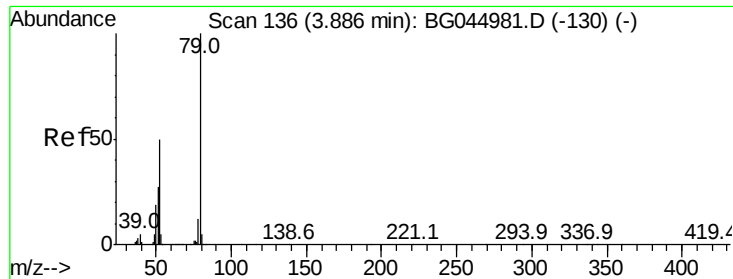
1,4-Dioxane  
Concen: 28.066 ng  
RT: 3.45 min Scan# 62  
Delta R.T. 0.01 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Tgt Ion: 88 Resp: 50729  
Ion Ratio Lower Upper  
88 100  
58 55.5 46.6 69.8  
43 96.2 17.5 26.3#



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: 3.556 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.02 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

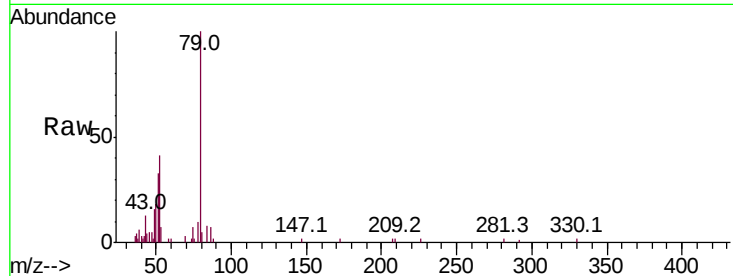
Tot Ion: 79 Resp: 19790

Ion Ratio Lower Upper

79 100

52 41.2 39.8 59.6

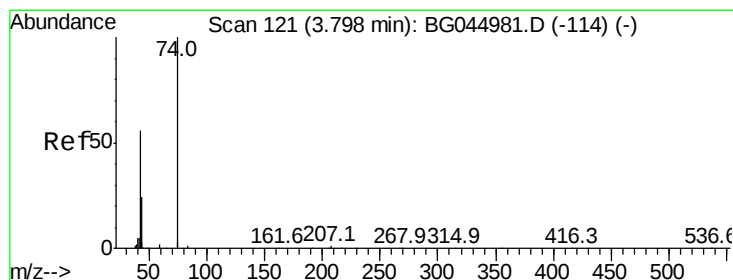
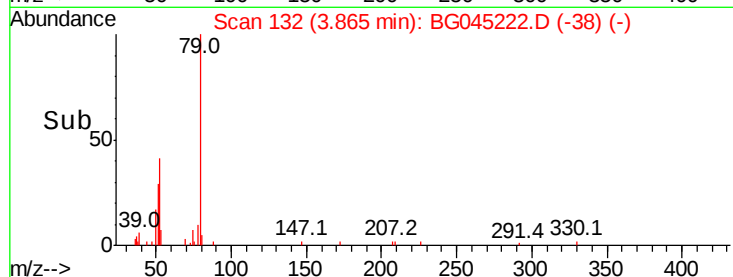
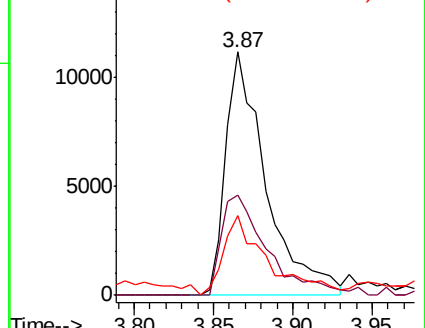
51 33.0 21.4 32.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 28.555 ng

RT: 3.76 min Scan# 114

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

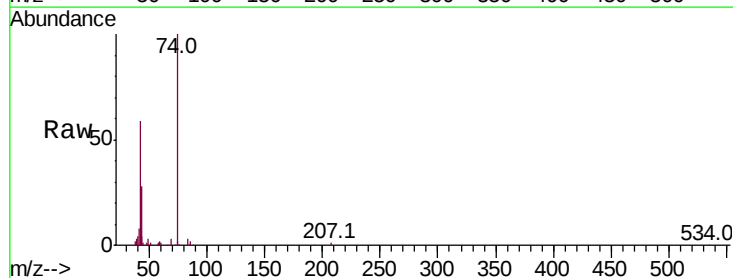
Tgt Ion: 42 Resp: 48681

Ion Ratio Lower Upper

42 100

74 169.9 143.0 214.6

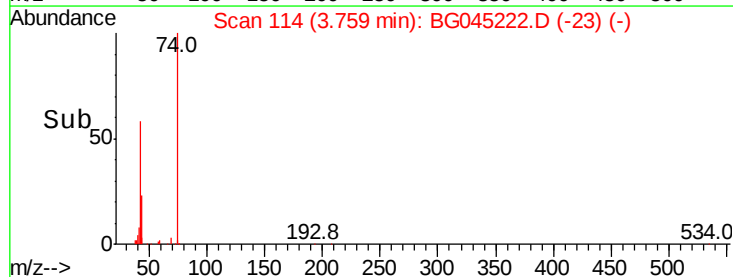
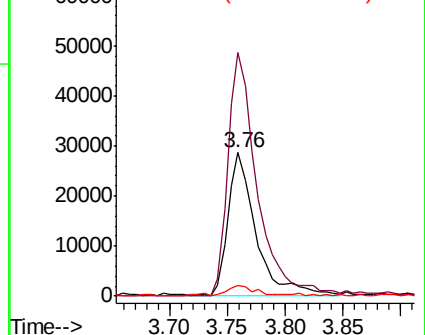
44 7.3 4.6 6.8#

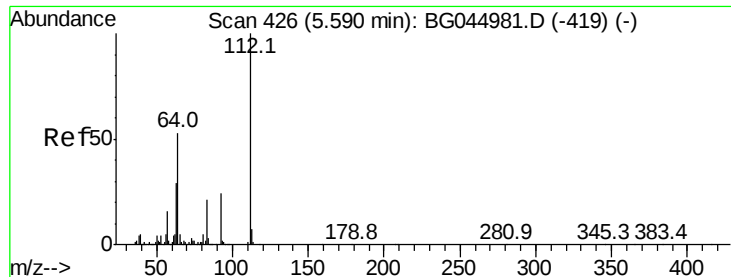


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 87.270 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

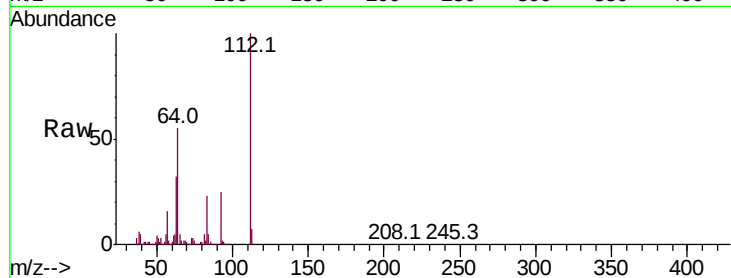
Tot Ion:112 Resp: 354937

Ion Ratio Lower Upper

112 100

64 54.9 42.4 63.6

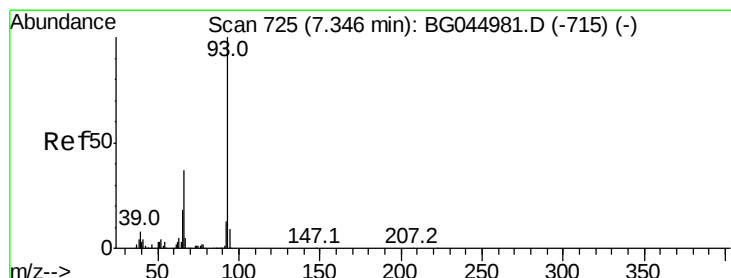
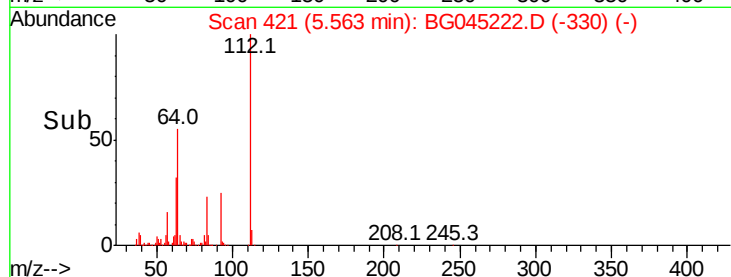
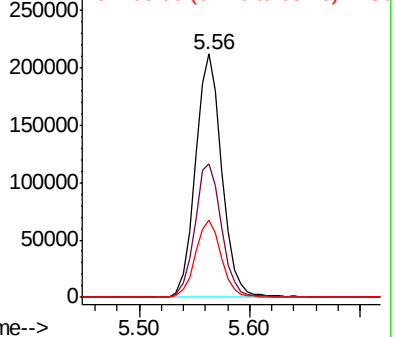
63 31.9 23.1 34.7



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: 10.481 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

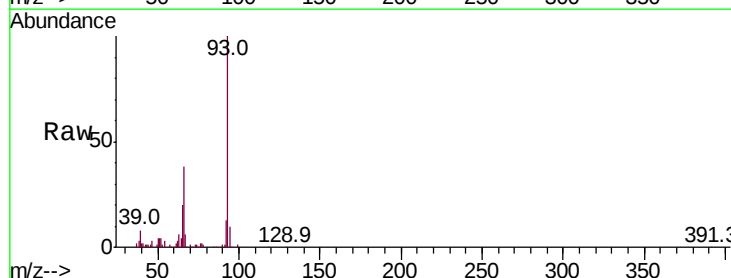
Tgt Ion: 93 Resp: 82350

Ion Ratio Lower Upper

93 100

66 38.4 29.8 44.8

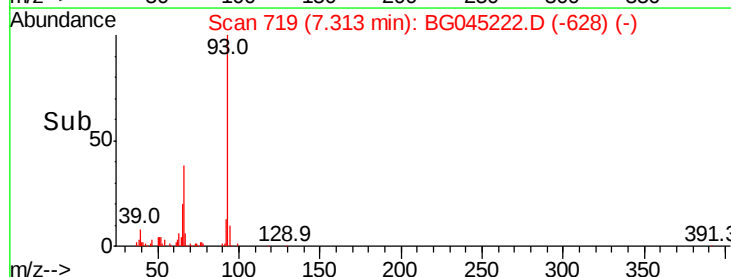
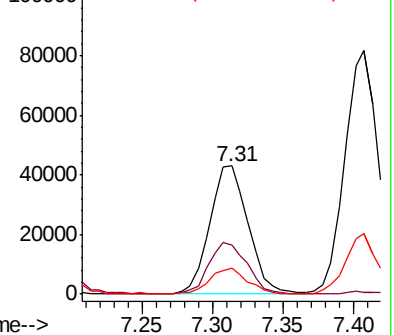
65 20.1 14.6 22.0

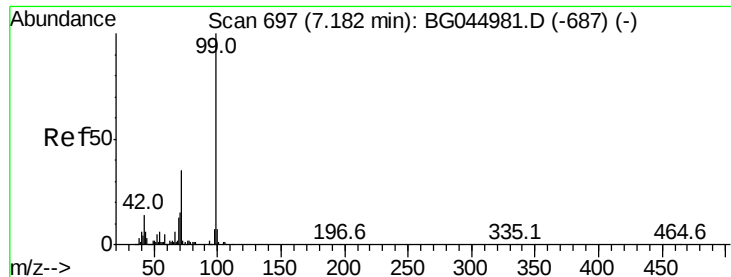


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.386 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

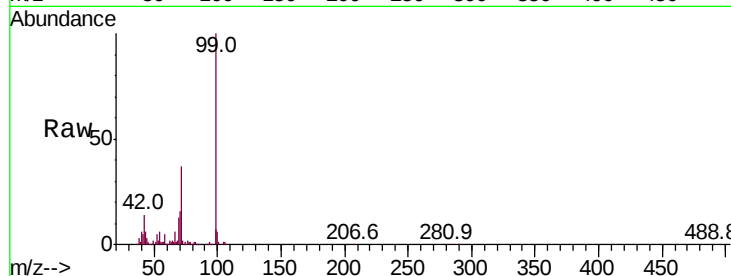
Tot Ion: 99 Resp: 461578

Ion Ratio Lower Upper

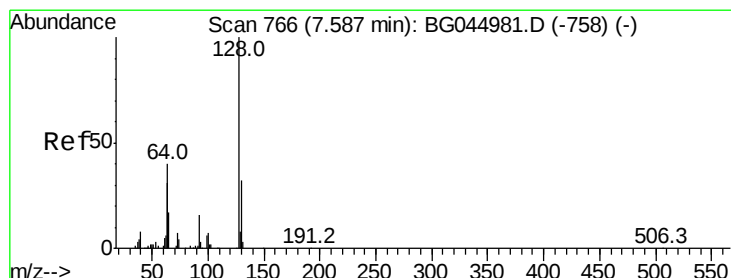
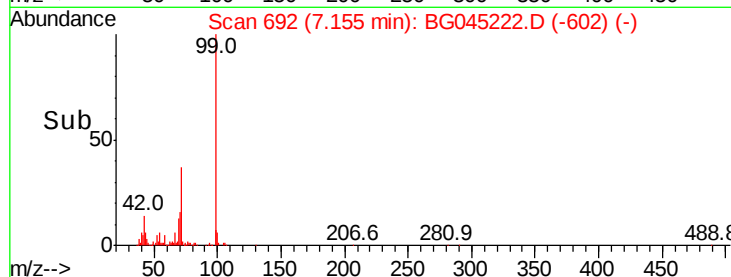
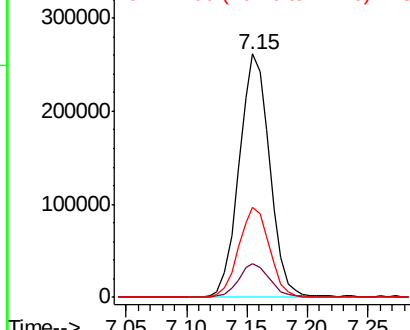
99 100

42 13.7 11.3 16.9

71 36.8 28.3 42.5



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: 31.935 ng

RT: 7.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

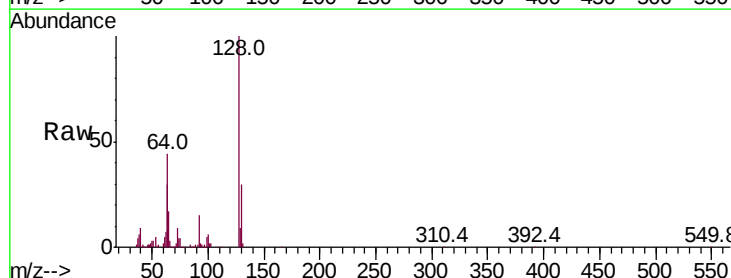
Tgt Ion: 128 Resp: 139590

Ion Ratio Lower Upper

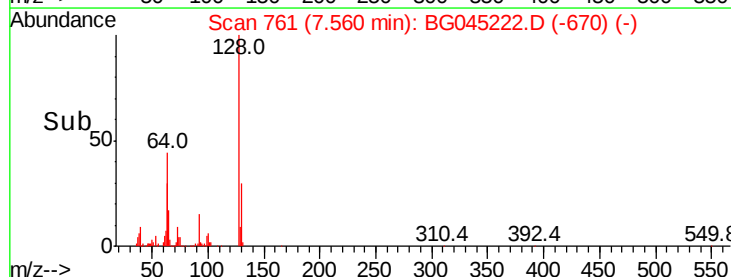
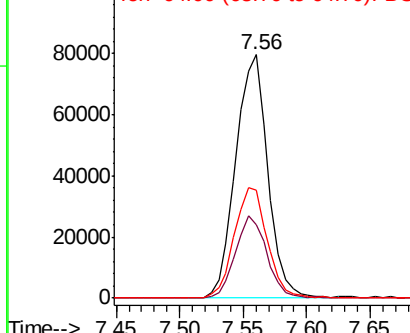
128 100

130 29.9 12.3 52.3

64 44.3 24.4 64.4



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: 37.925 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

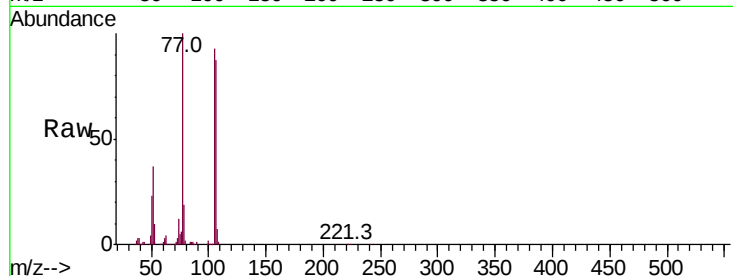
Tot Ion: 77 Resp: 131154

Ion Ratio Lower Upper

77 100

105 93.3 72.9 112.9

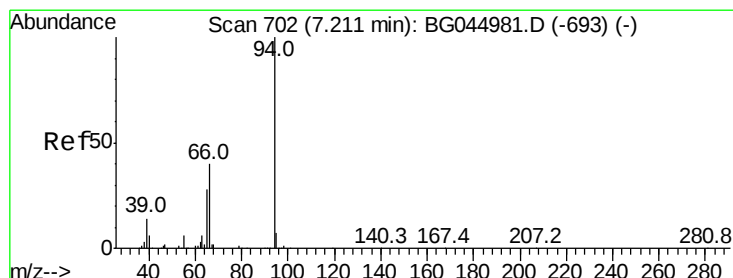
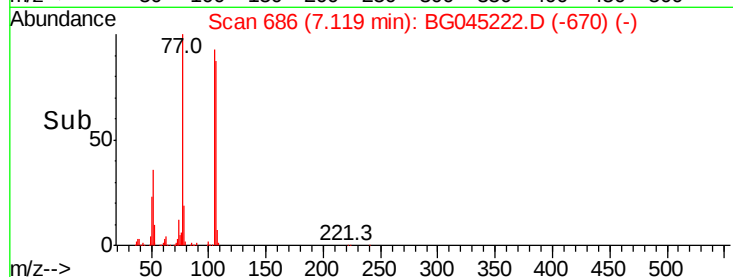
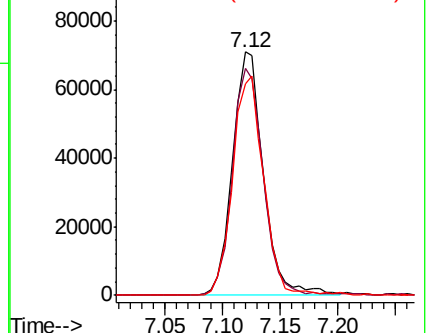
106 86.8 67.6 107.6



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: 27.444 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

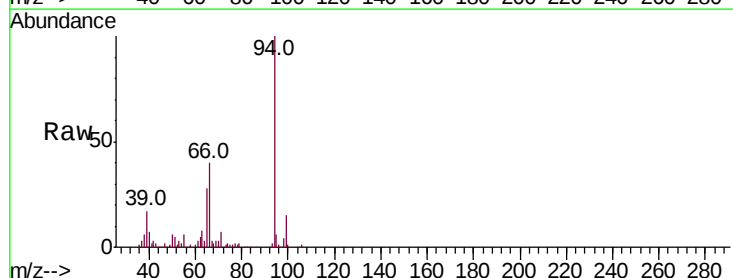
Tgt Ion: 94 Resp: 165952

Ion Ratio Lower Upper

94 100

65 27.8 8.2 48.2

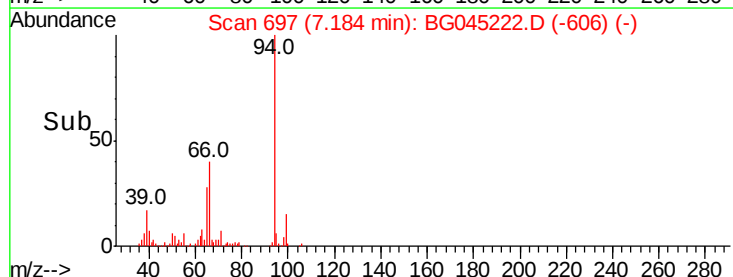
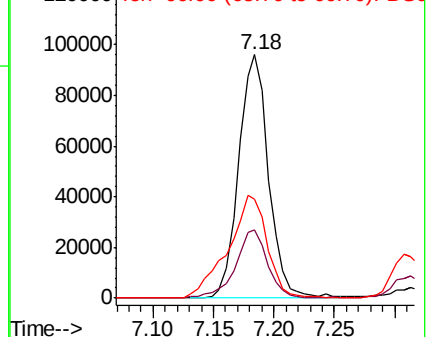
66 40.4 20.4 60.4

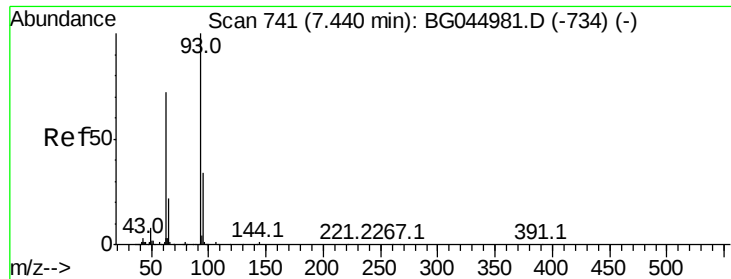


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



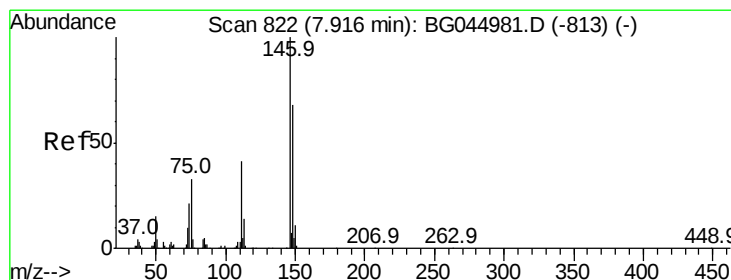
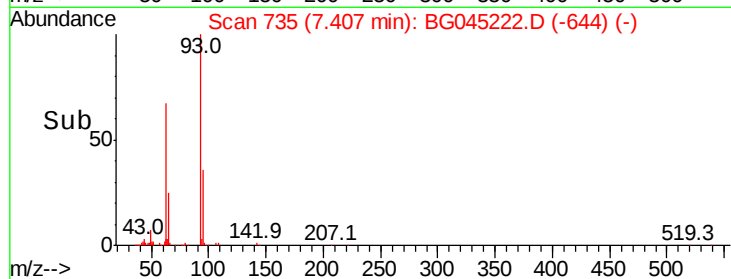
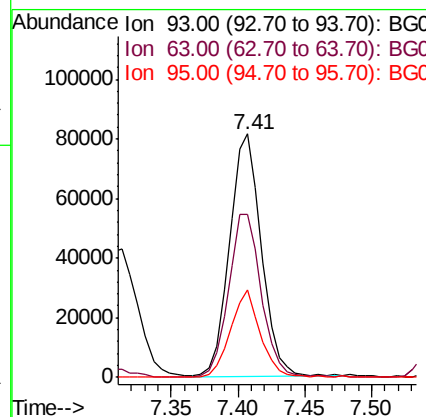
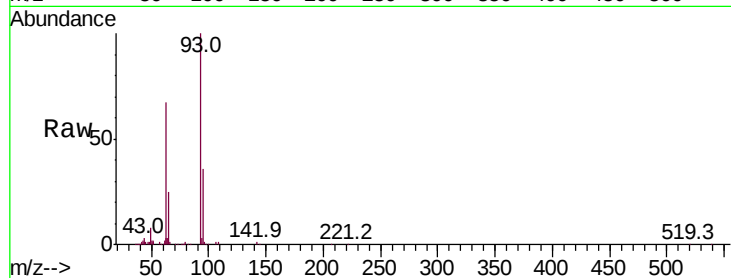


#11  
bis(2-Chloroethyl)ether  
Concen: 28.147 ng  
RT: 7.41 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

Tot Ion: 93 Resp: 135509  

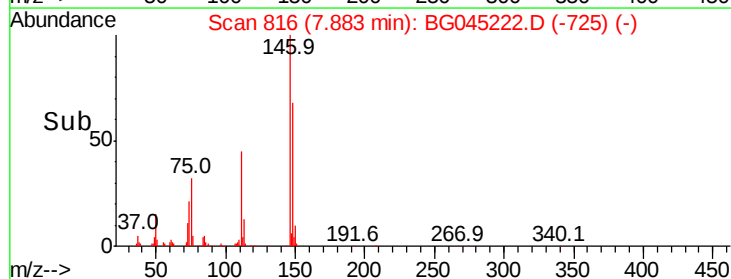
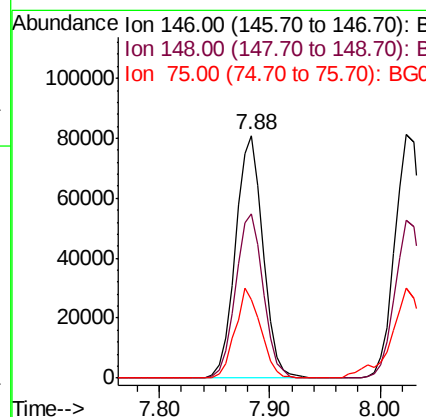
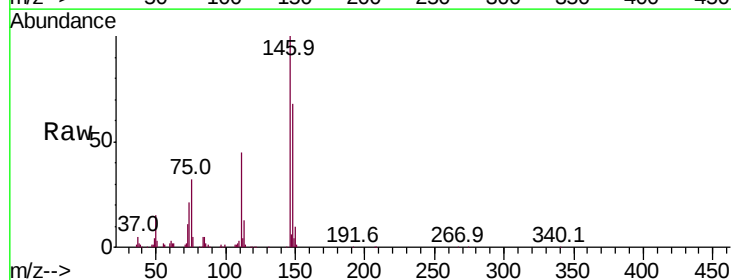
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 66.7  | 51.8  | 91.8  |
| 95  | 35.8  | 13.8  | 53.8  |

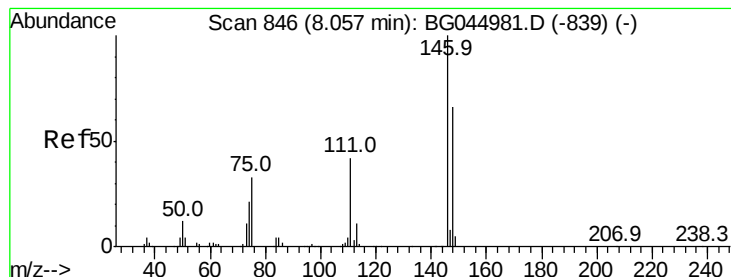


#12  
1,3-Dichlorobenzene  
Concen: 27.372 ng  
RT: 7.88 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Tgt Ion: 146 Resp: 140983  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 67.7  | 54.6  | 81.8  |
| 75  | 32.1  | 26.0  | 39.0  |





#13

1,4-Dichlorobenzene

Concen: 28.219 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

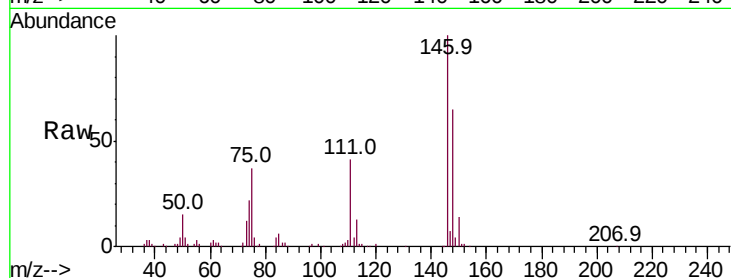
Tot Ion:146 Resp: 144832

Ion Ratio Lower Upper

146 100

148 64.7 53.3 79.9

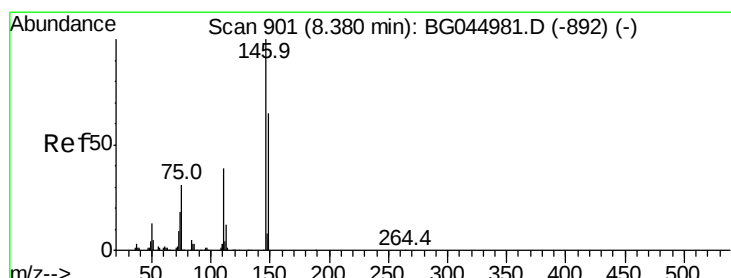
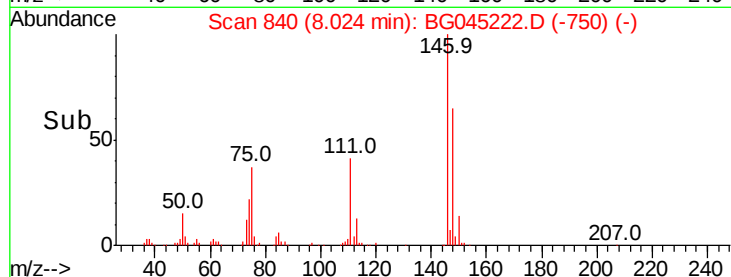
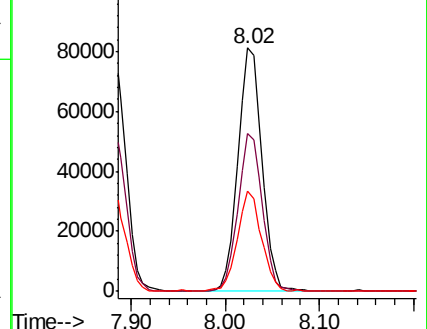
111 40.9 33.8 50.8



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: 28.010 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

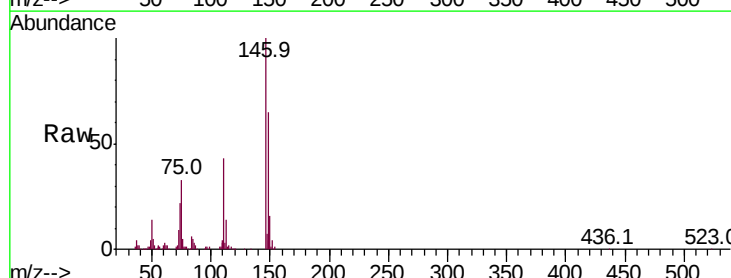
Tgt Ion:146 Resp: 137531

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

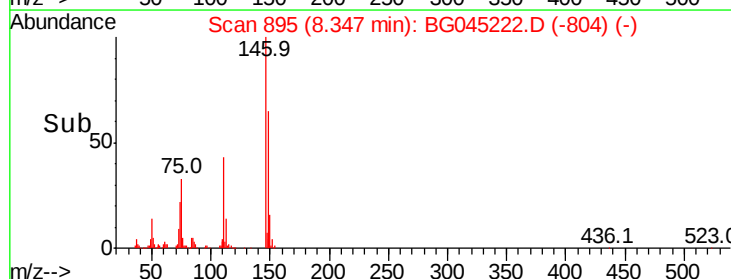
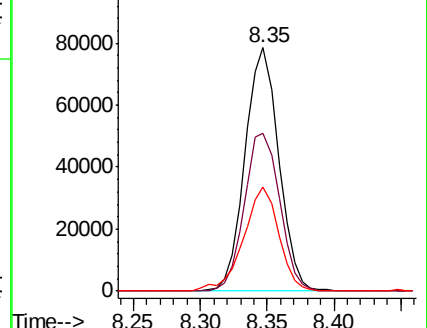
111 43.0 31.3 46.9

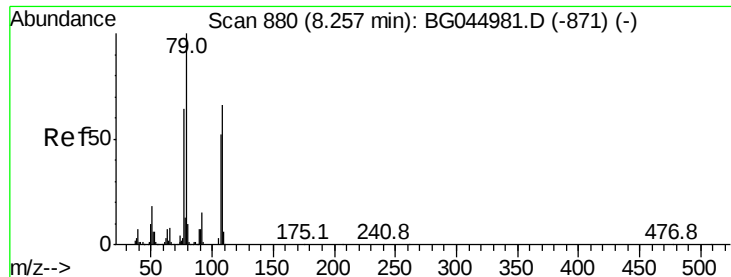


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.148 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

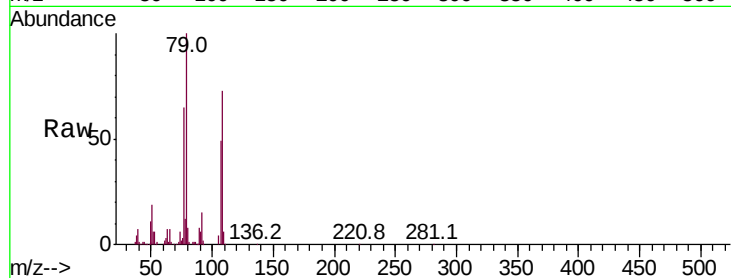
Tot Ion: 79 Resp: 137541

Ion Ratio Lower Upper

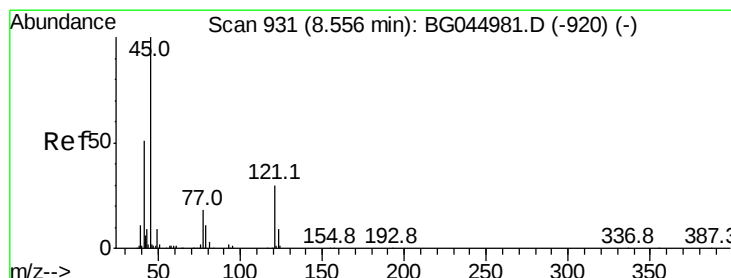
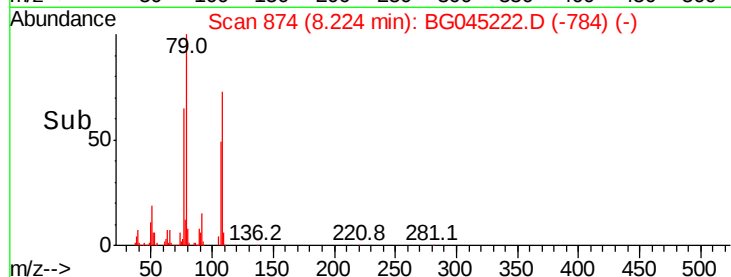
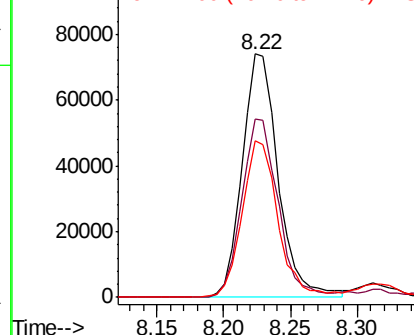
79 100

108 73.5 52.7 79.1

77 64.6 51.3 76.9



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: 25.869 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

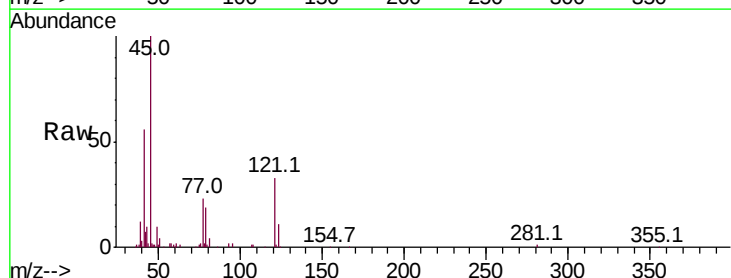
Tgt Ion: 45 Resp: 122256

Ion Ratio Lower Upper

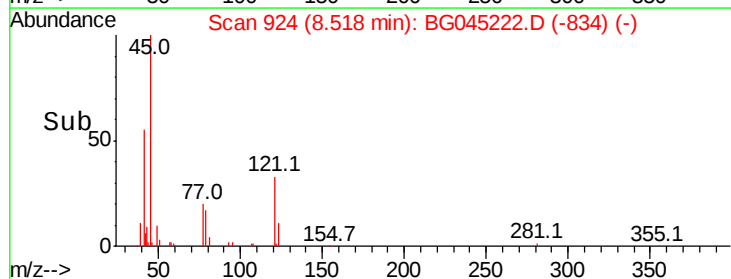
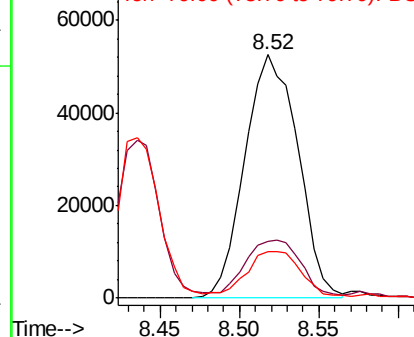
45 100

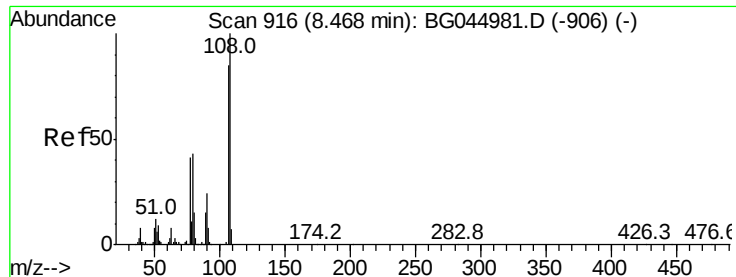
77 23.2 1.9 41.9

79 19.1 0.0 35.5



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





#17

2-Methylphenol

Concen: 26.936 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:107 Resp: 125666

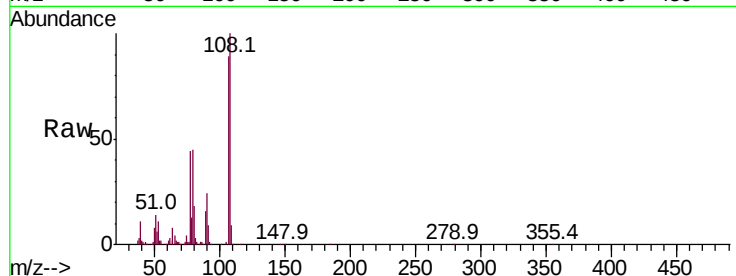
Ion Ratio Lower Upper

107 100

108 112.8 93.8 140.6

77 49.6 38.5 57.7

79 50.4 40.1 60.1

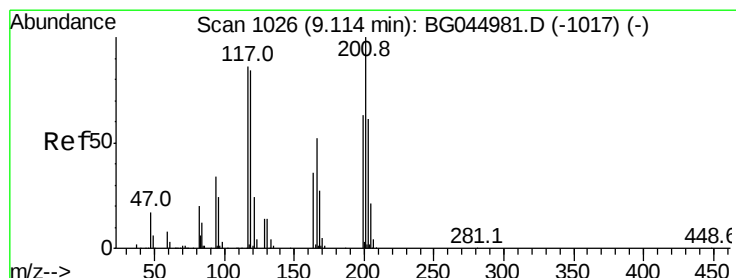
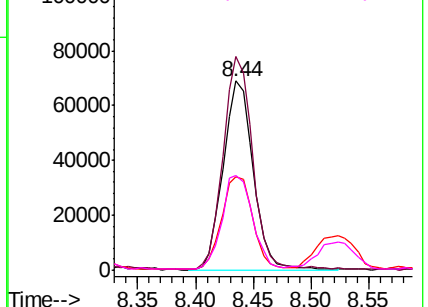
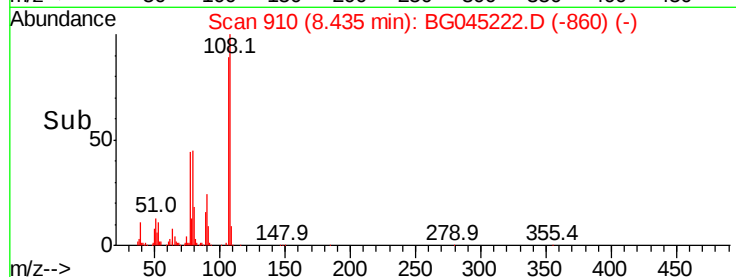


Abundance Ion 107.00 (106.70 to 107.70): E

120000 Ion 108.00 (107.70 to 108.70): E

100000 Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 28.330 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

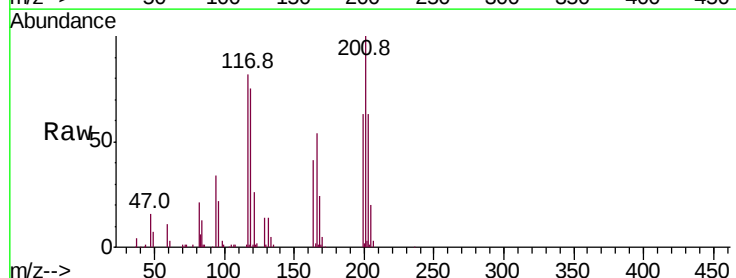
Tgt Ion:117 Resp: 54660

Ion Ratio Lower Upper

117 100

119 91.9 78.3 117.5

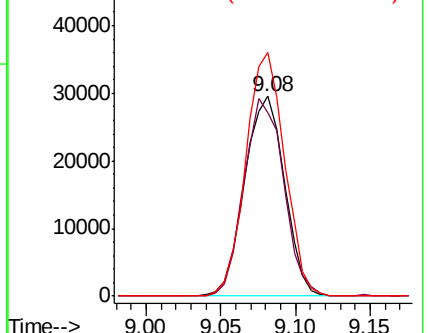
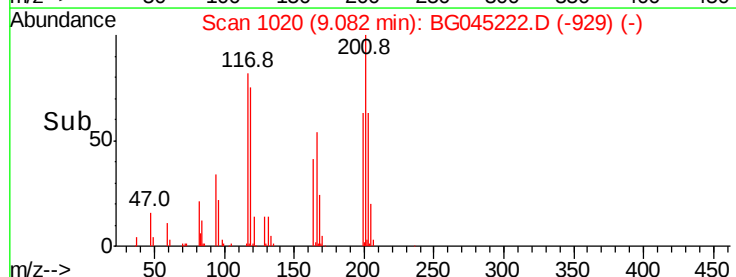
201 122.0 92.9 139.3

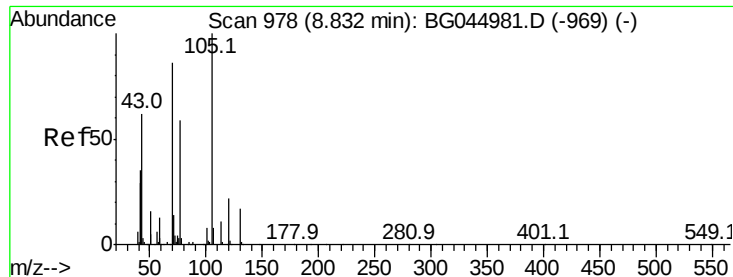


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

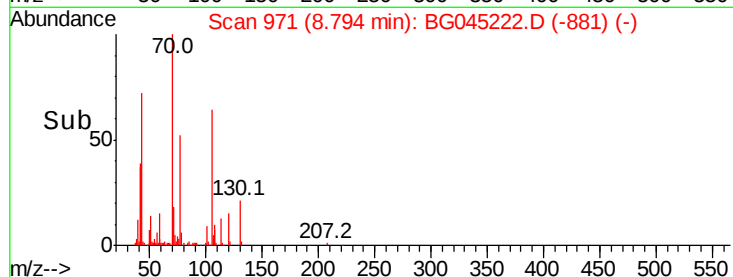
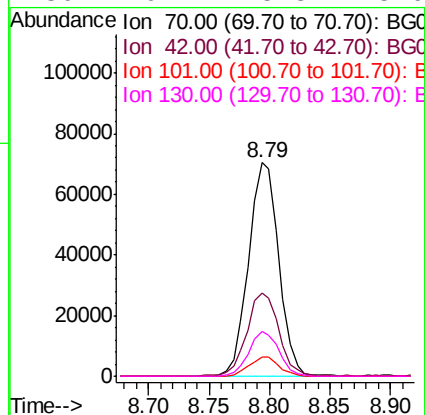
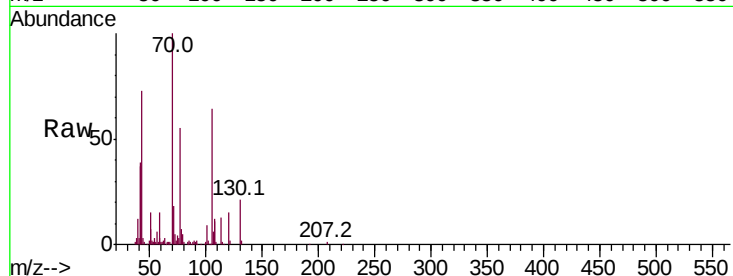




#19  
n-Nitroso-di-n-propylamine  
Concen: 28.720 ng  
RT: 8.79 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

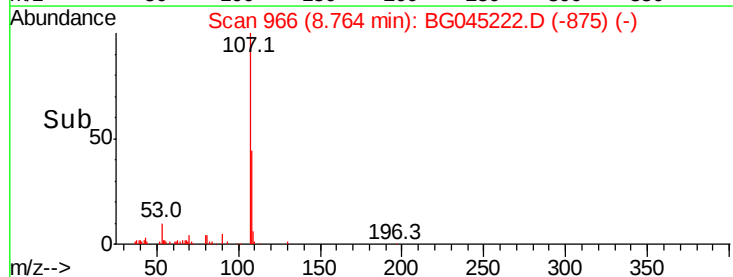
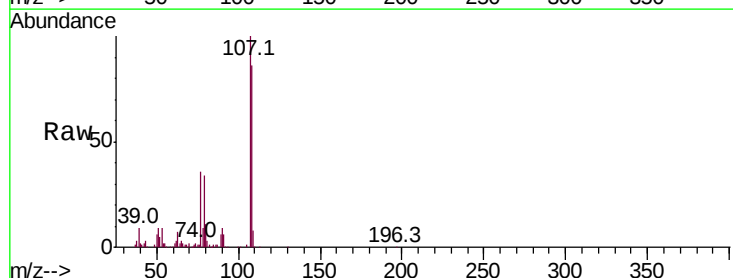
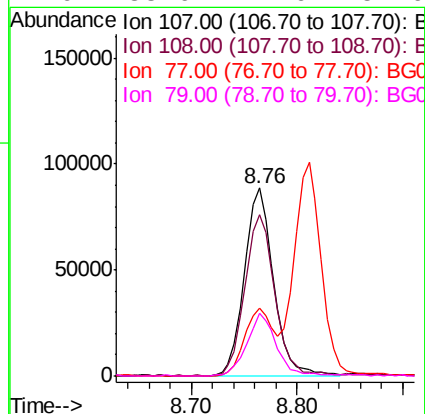
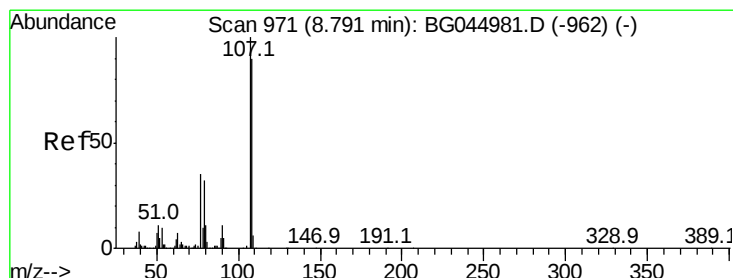
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

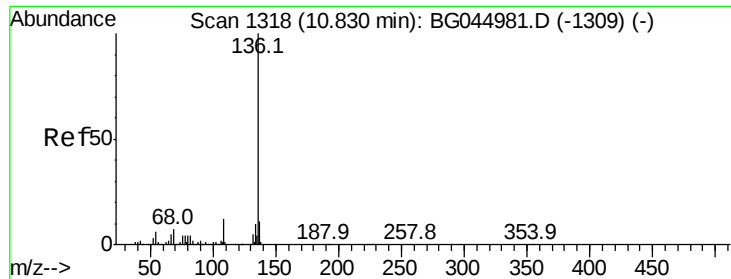
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 122735 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 39.1  | 33.3  | 49.9   |
| 101      | 9.1   | 7.8   | 11.8   |
| 130      | 20.7  | 15.8  | 23.6   |



#20  
3+4-Methylphenols  
Concen: 26.137 ng  
RT: 8.76 min Scan# 966  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 170681 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.9  | 69.9  | 109.9  |
| 77       | 36.4  | 15.2  | 55.2   |
| 79       | 33.6  | 11.6  | 51.6   |

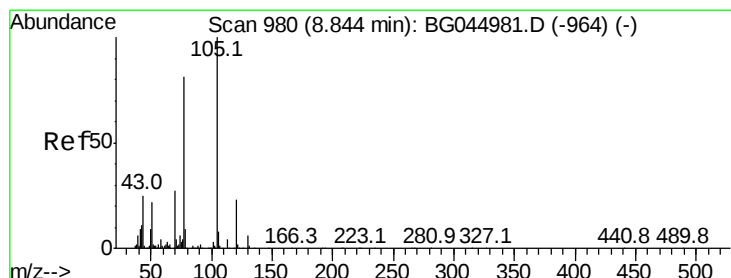
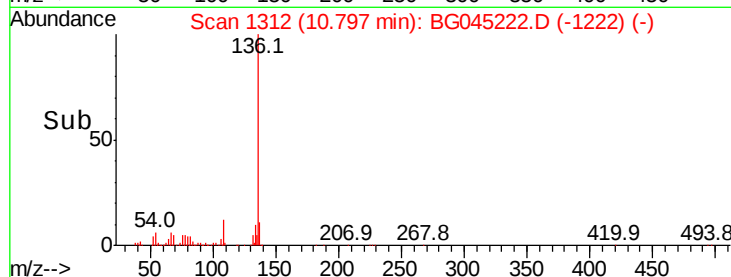
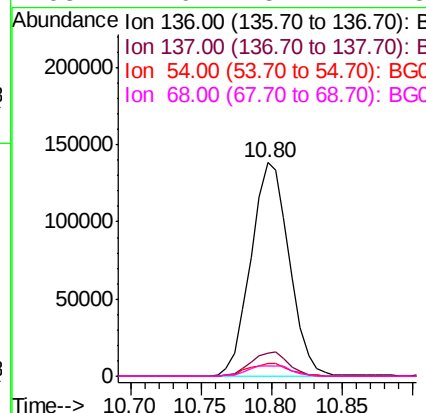
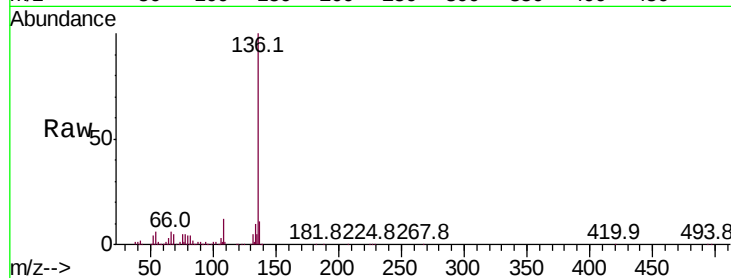




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1312  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

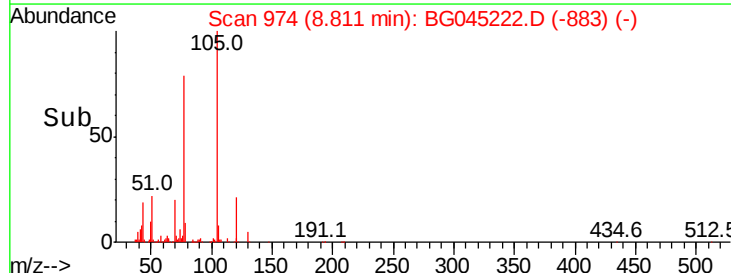
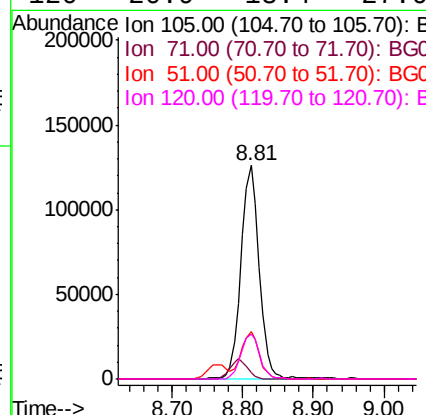
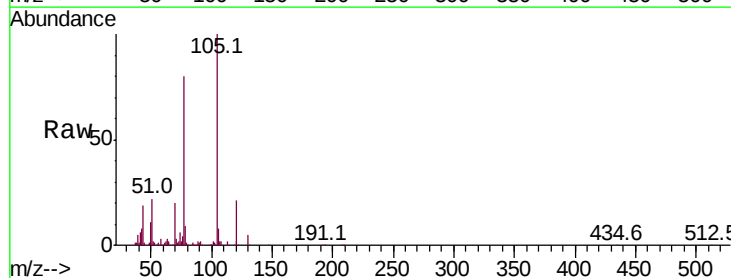
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

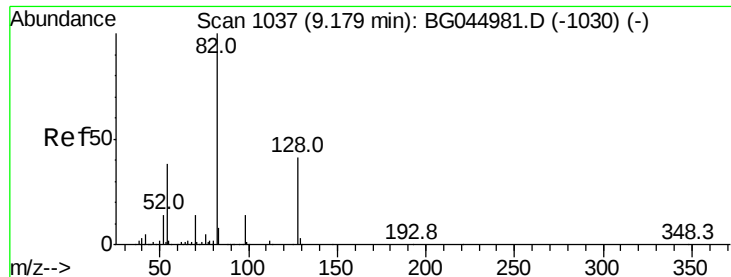
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 264409 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.6   | 13.0   |
| 54       | 6.2   | 4.8   | 7.2    |
| 68       | 4.9   | 5.2   | 7.8#   |



#22  
Acetophenone  
Concen: 31.840 ng  
RT: 8.81 min Scan# 974  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 227666 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.8   | 3.3   | 4.9#   |
| 51       | 22.3  | 17.3  | 25.9   |
| 120      | 20.9  | 18.4  | 27.6   |

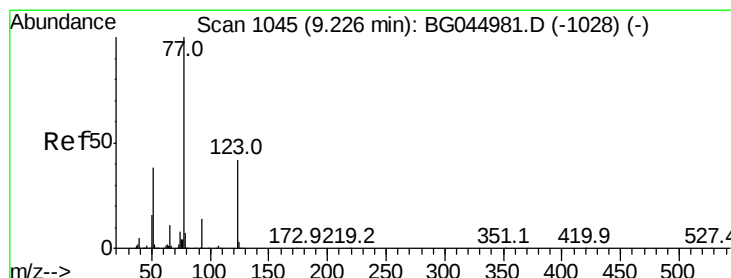
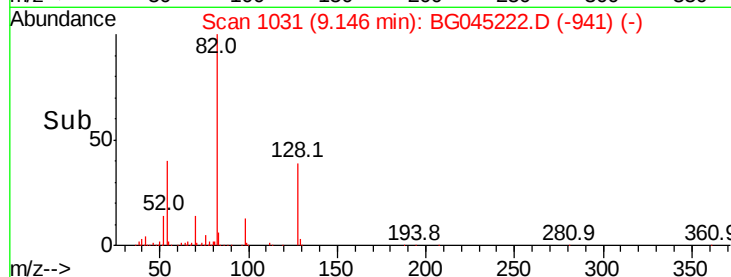
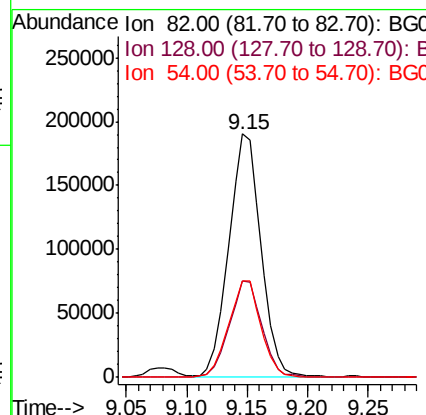
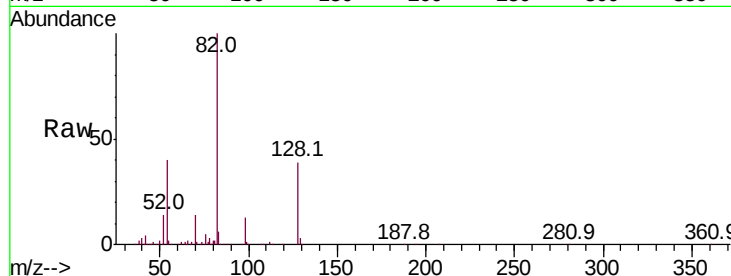




#23  
 Nitrobenzene-d5  
 Concen: 60.466 ng  
 RT: 9.15 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

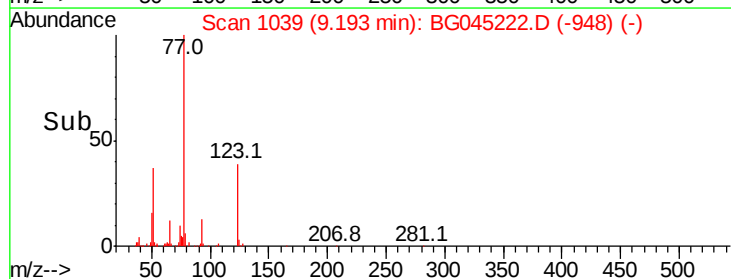
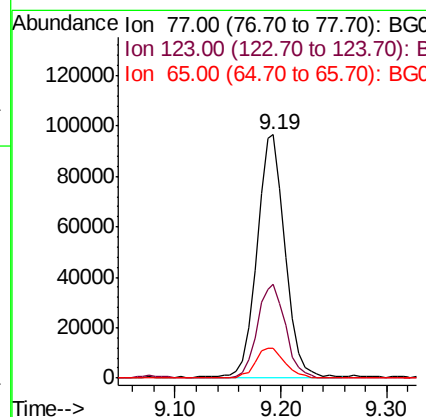
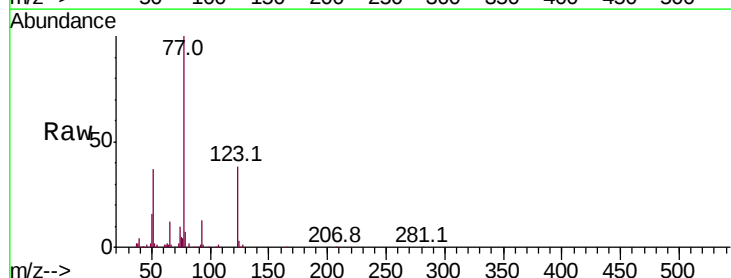
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

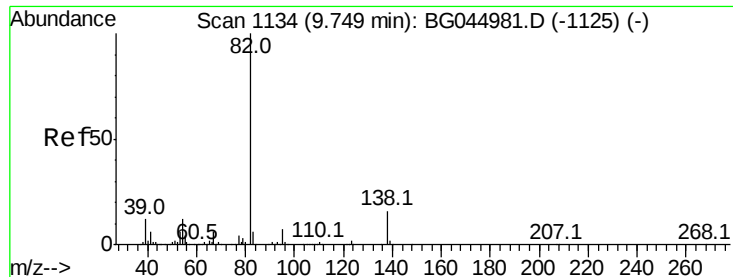
| Tot Ion   | 82    | Resp  | 350386 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.5  | 33.0  | 49.4   |
| 54        | 39.7  | 30.4  | 45.6   |



#24  
 Nitrobenzene  
 Concen: 30.011 ng  
 RT: 9.19 min Scan# 1039  
 Delta R.T. 0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

| Tgt Ion   | 77    | Resp  | 178262 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 38.5  | 34.3  | 51.5   |
| 65        | 12.1  | 8.9   | 13.3   |





#25

Isophorone

Concen: 29.668 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

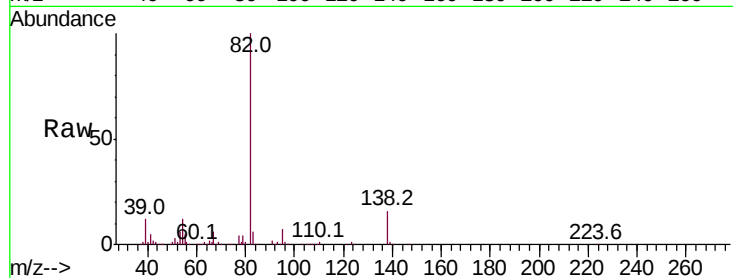
Tot Ion: 82 Resp: 352063

Ion Ratio Lower Upper

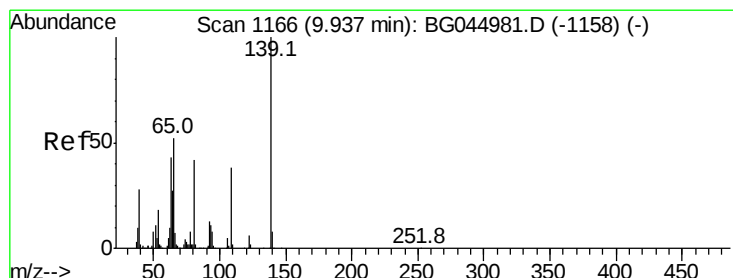
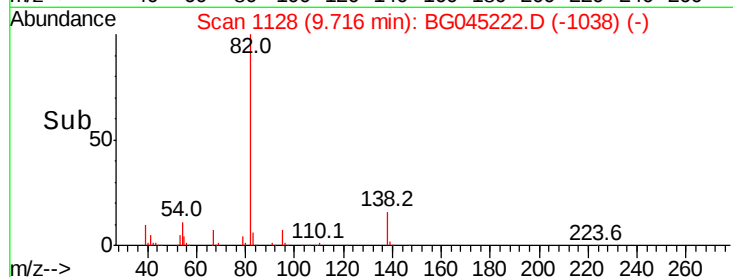
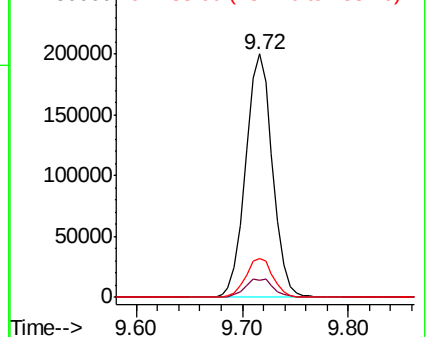
82 100

95 7.1 6.0 9.0

138 16.2 12.7 19.1



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: 31.913 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

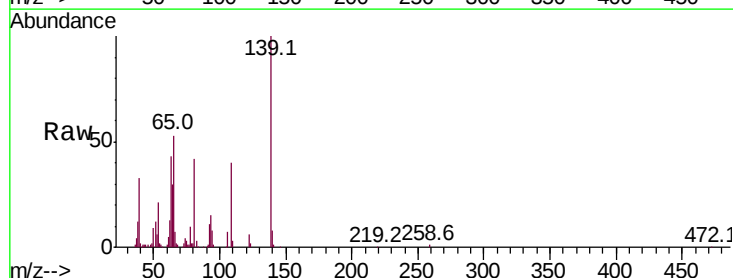
Tgt Ion: 139 Resp: 81652

Ion Ratio Lower Upper

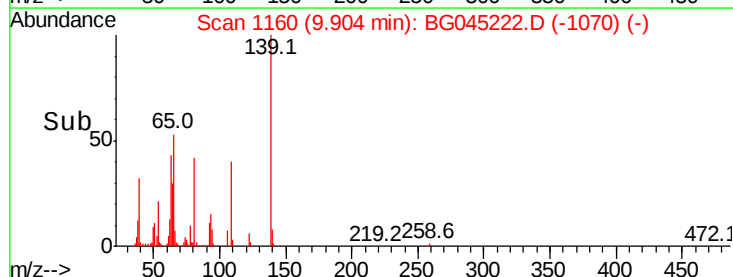
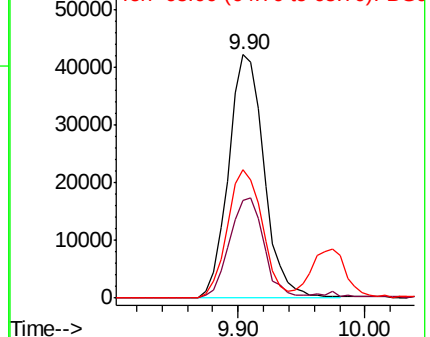
139 100

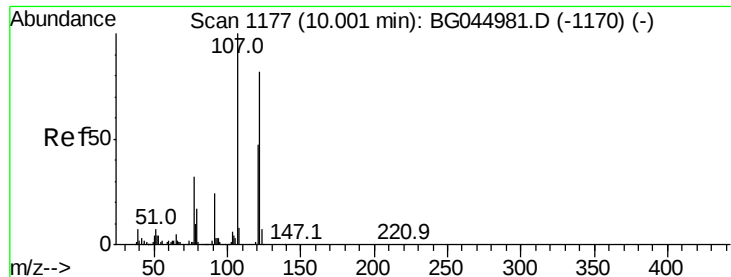
109 40.0 30.6 45.8

65 52.9 41.8 62.6



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: 33.184 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

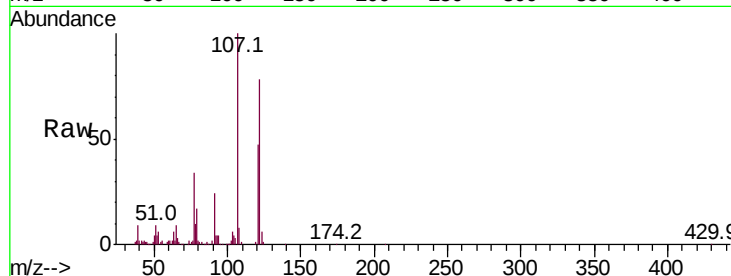
Tot Ion:122 Resp: 134718

Ion Ratio Lower Upper

122 100

107 128.6 96.8 145.2

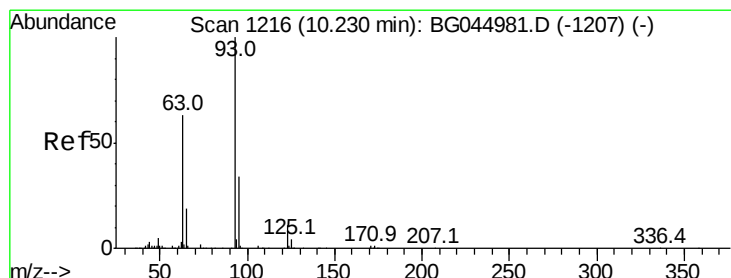
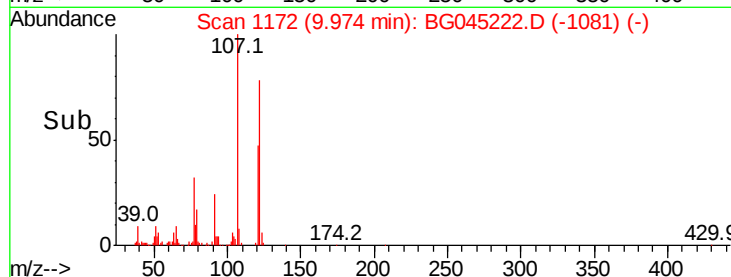
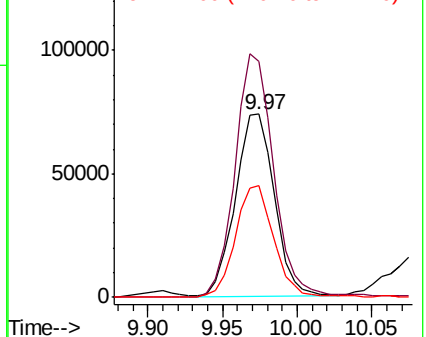
121 60.7 45.6 68.4



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: 30.517 ng

RT: 10.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

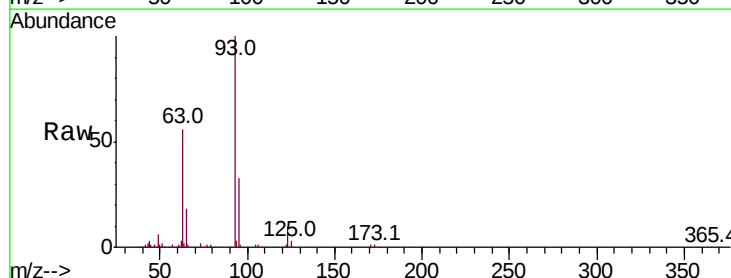
Tgt Ion: 93 Resp: 190275

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

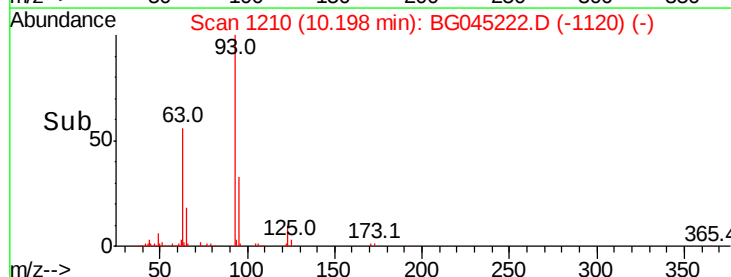
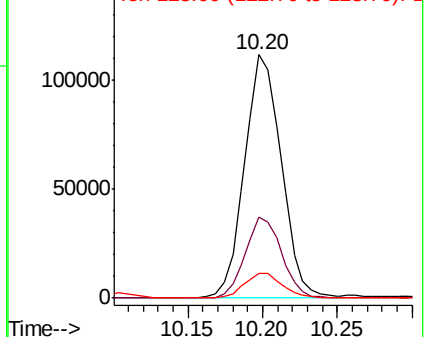
123 10.4 8.7 13.1

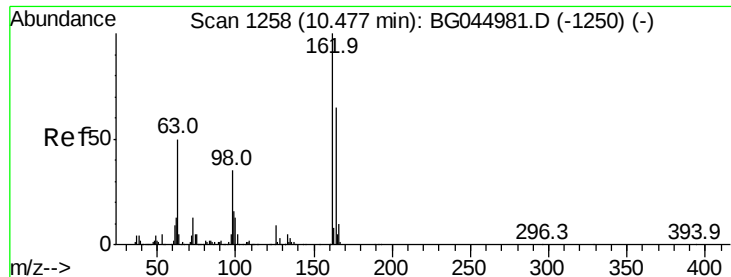


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 32.489 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

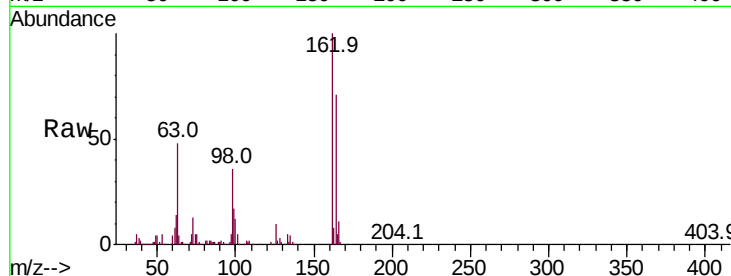
Tot Ion:162 Resp: 152301

Ion Ratio Lower Upper

162 100

164 70.6 45.0 85.0

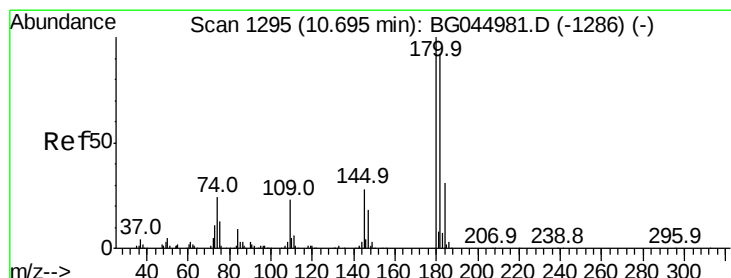
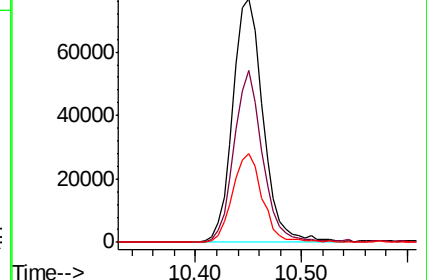
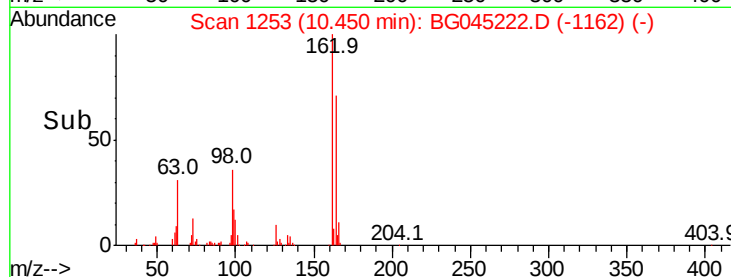
98 36.3 15.2 55.2



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: 30.491 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

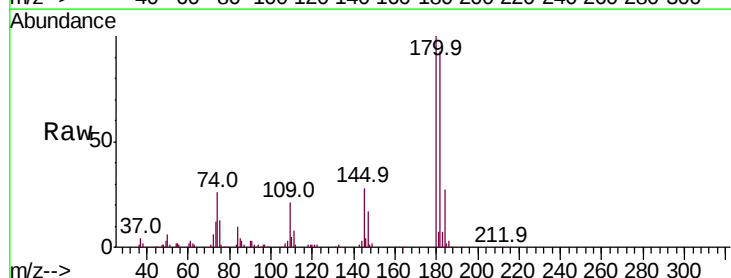
Tgt Ion:180 Resp: 161829

Ion Ratio Lower Upper

180 100

182 92.7 73.3 109.9

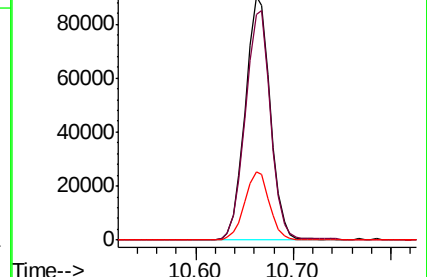
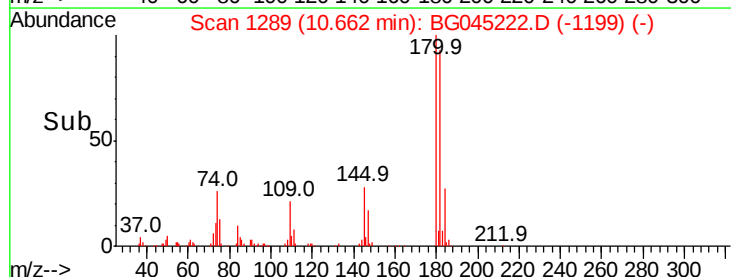
145 28.3 22.6 33.8

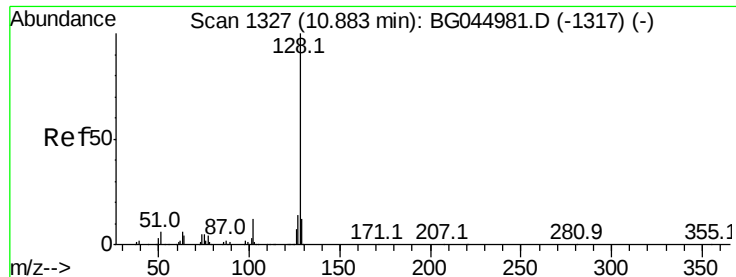


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

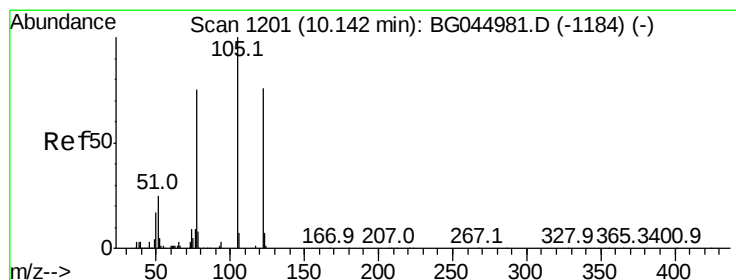
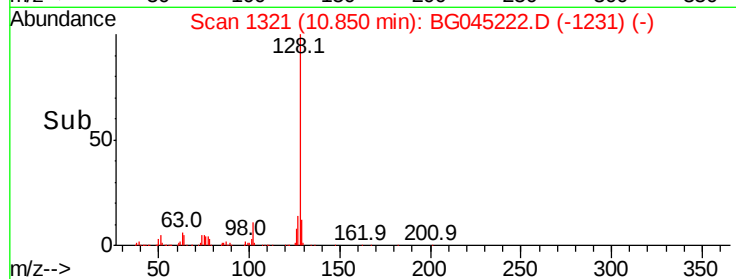
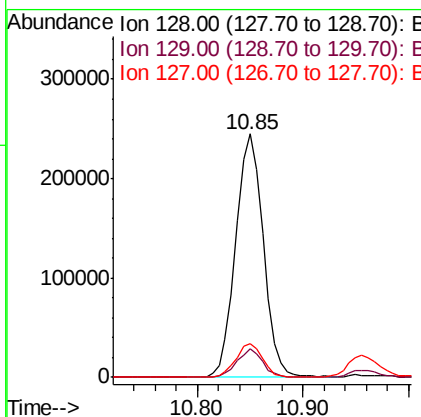
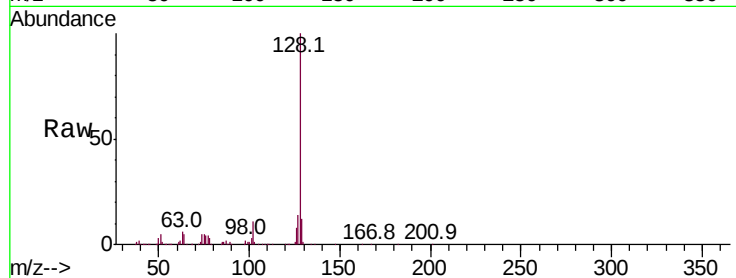




#31  
Naphthalene  
Concen: 30.599 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

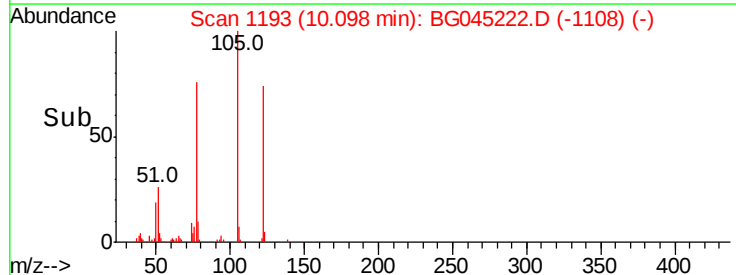
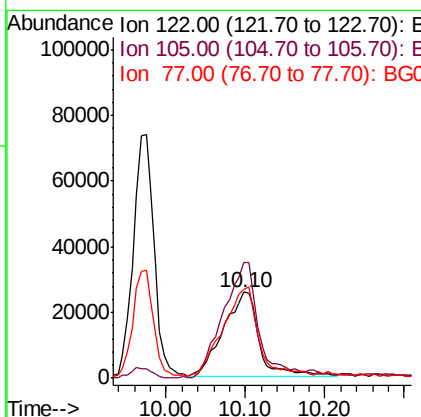
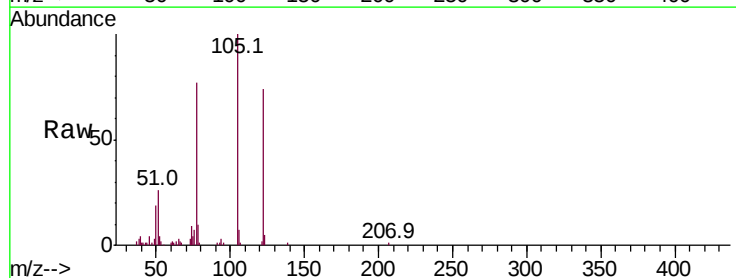
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

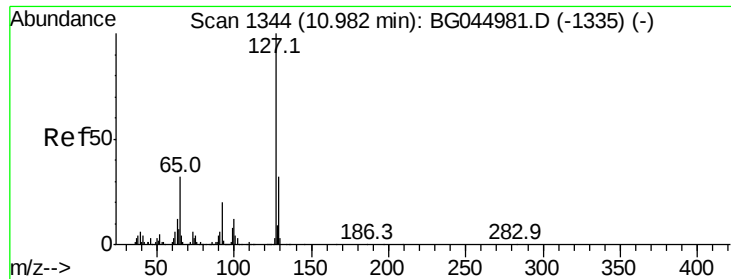
Tot Ion:128 Resp: 442594  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.4 14.2  
127 13.8 10.8 16.2



#32  
Benzoic acid  
Concen: 27.827 ng  
RT: 10.10 min Scan# 1193  
Delta R.T. -0.03 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Tgt Ion:122 Resp: 81131  
Ion Ratio Lower Upper  
122 100  
105 135.1 108.4 148.4  
77 103.9 78.8 118.8

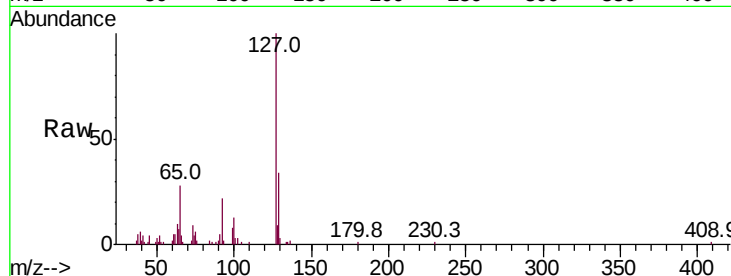




#33  
4-Chloroaniline  
Concen: 6.795 ng  
RT: 10.96 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 45835 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.5  | 25.7  | 38.5  |
| 65       | 28.3  | 25.4  | 38.2  |
| 92       | 21.9  | 16.1  | 24.1  |



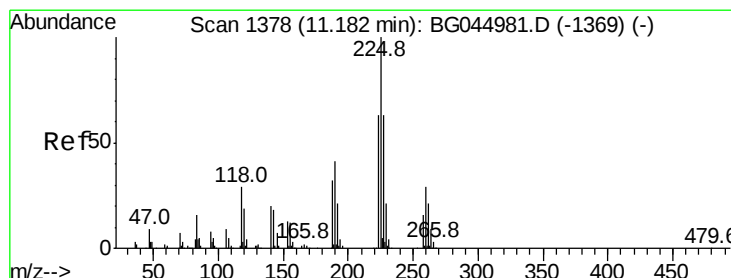
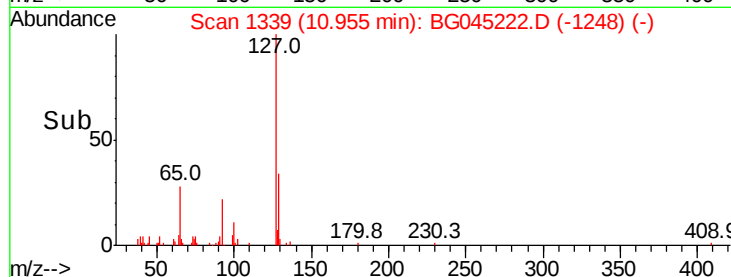
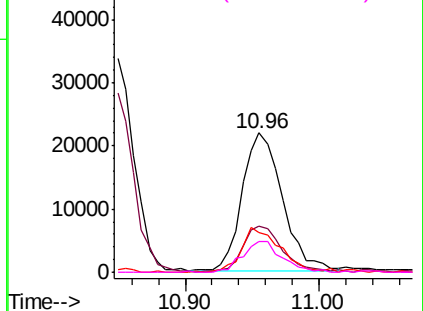
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

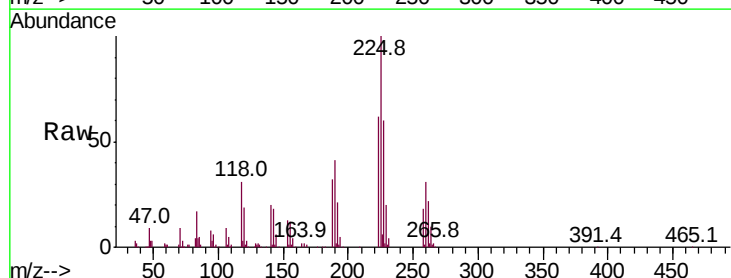
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 30.173 ng  
RT: 11.14 min Scan# 1371  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 109795 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.7  | 76.1   |
| 227      | 60.2  | 50.2  | 75.2   |

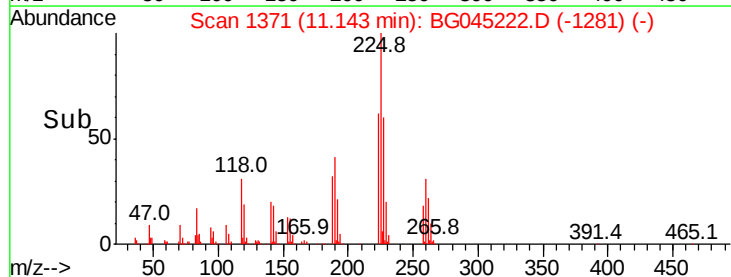
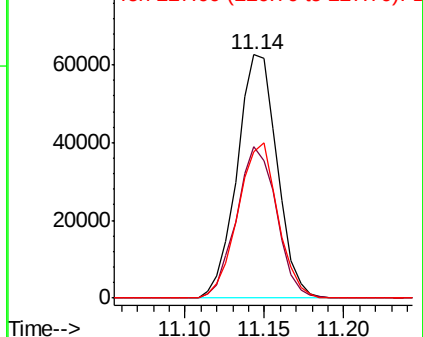


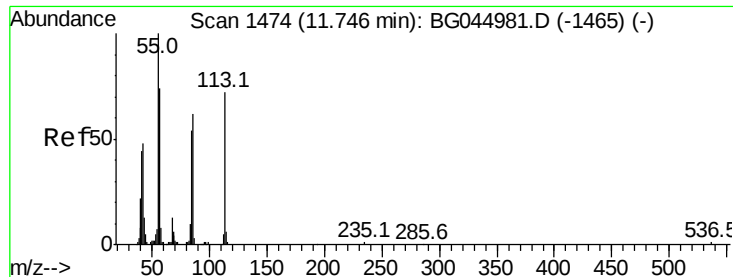
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.057 ng

RT: 11.71 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

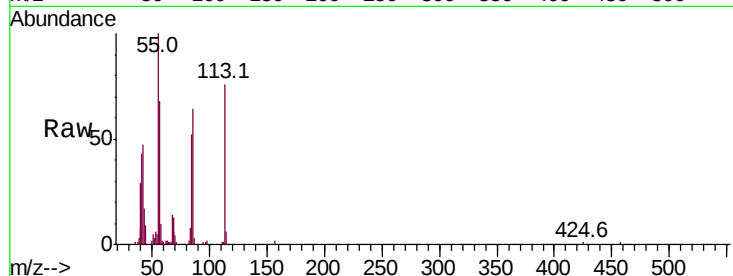
Tot Ion:113 Resp: 29958

Ion Ratio Lower Upper

113 100

55 131.6 118.8 158.8

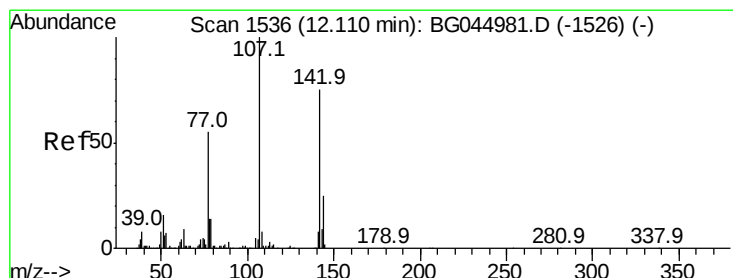
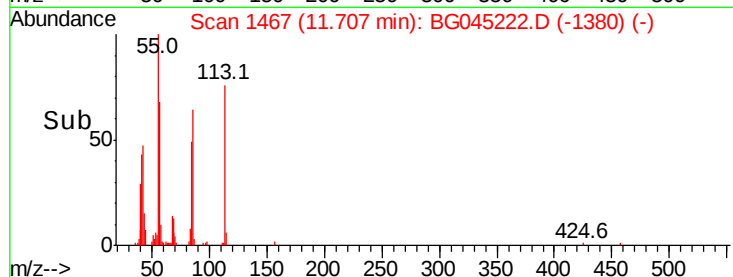
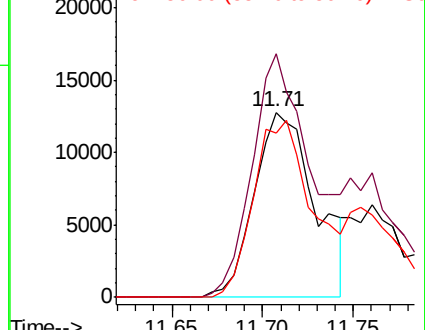
56 88.9 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 32.245 ng

RT: 12.08 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

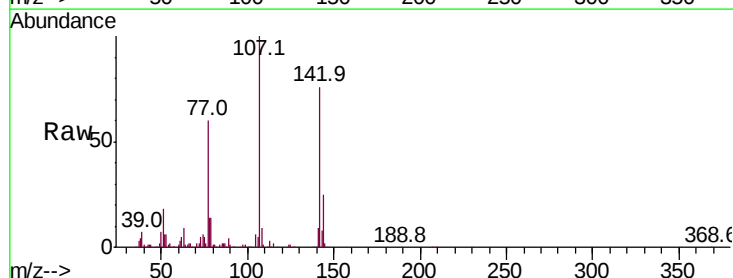
Tgt Ion:107 Resp: 177570

Ion Ratio Lower Upper

107 100

144 25.4 19.8 29.6

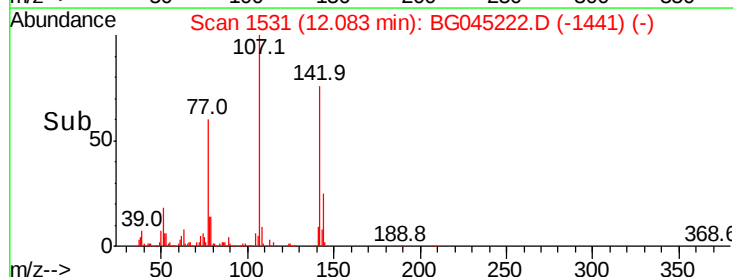
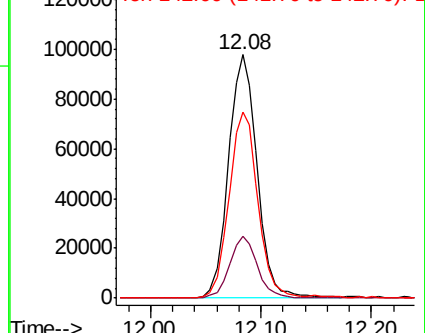
142 76.3 59.7 89.5

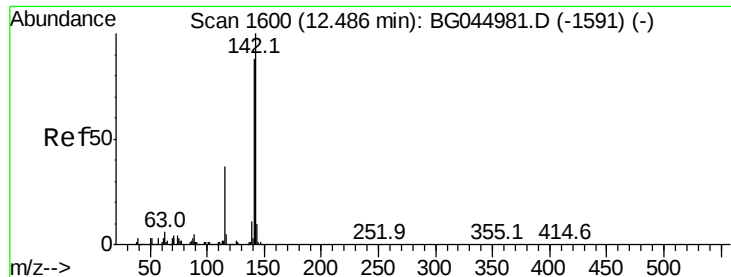


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.168 ng

RT: 12.46 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

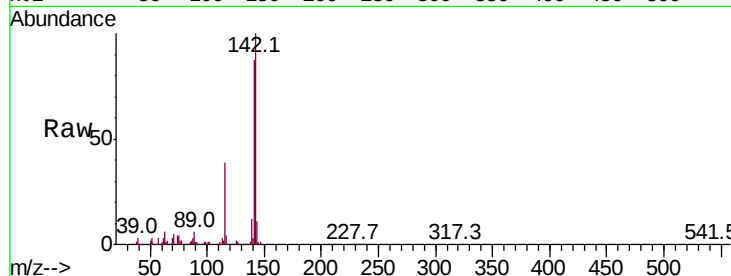
Tot Ion:142 Resp: 349924

Ion Ratio Lower Upper

142 100

141 87.4 70.3 105.5

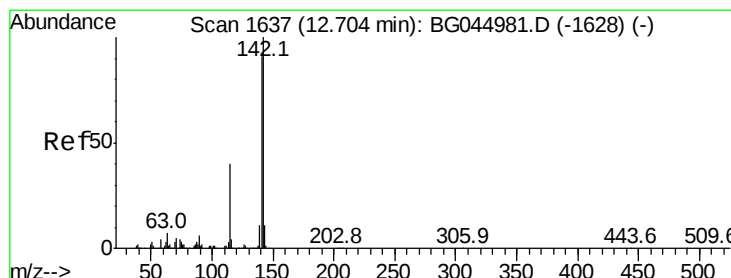
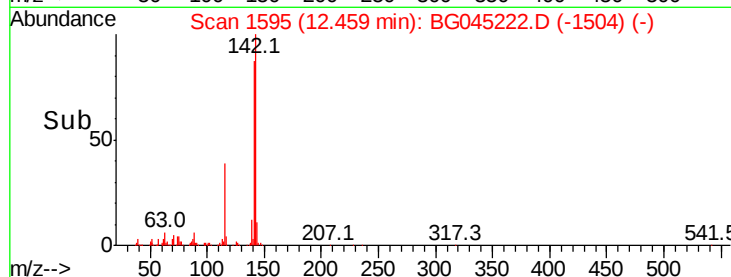
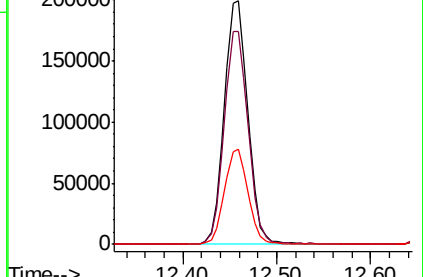
115 39.0 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 31.617 ng

RT: 12.68 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

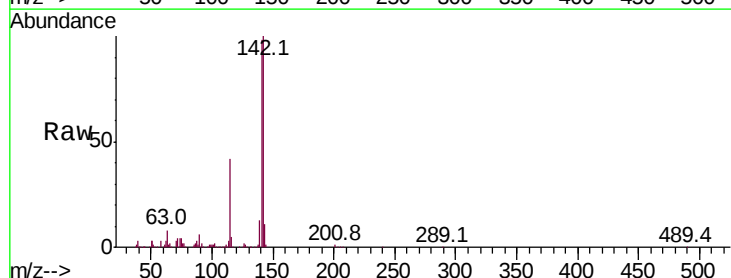
Tgt Ion:142 Resp: 335104

Ion Ratio Lower Upper

142 100

141 97.9 72.7 109.1

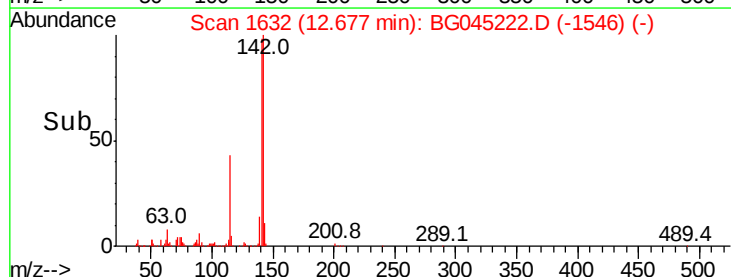
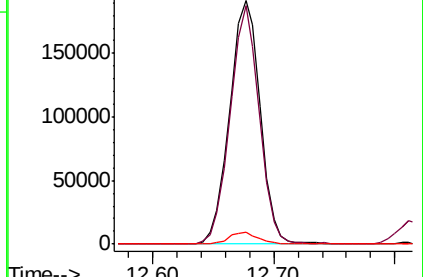
116 4.7 3.1 4.7

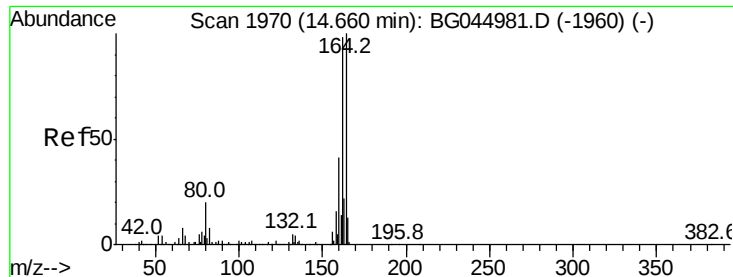


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

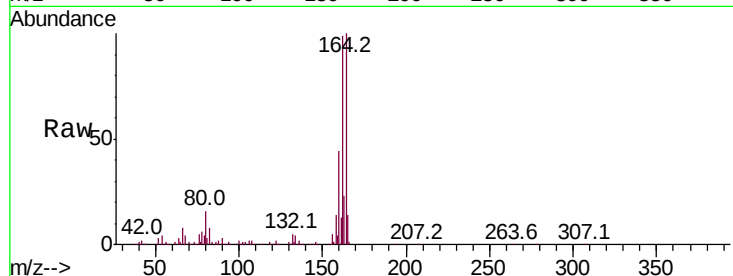
Tot Ion:164 Resp: 205426

Ion Ratio Lower Upper

164 100

162 99.4 78.7 118.1

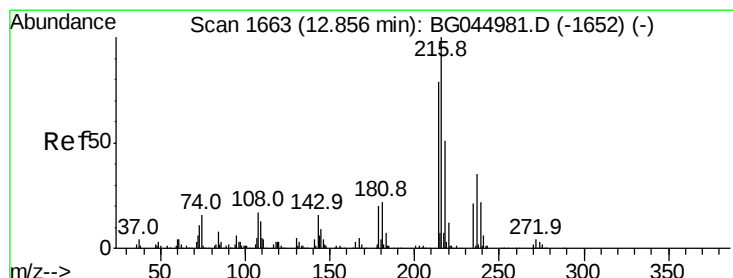
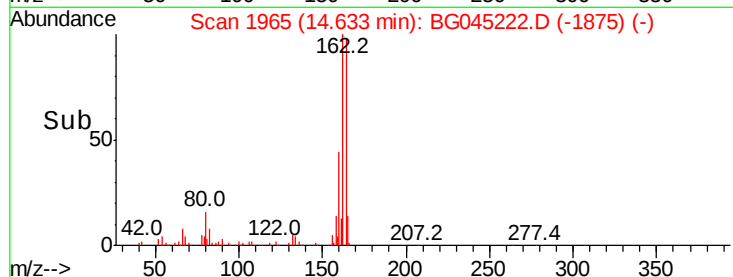
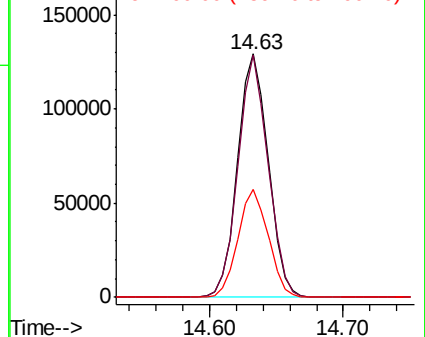
160 44.2 32.8 49.2



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: 29.771 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Tgt Ion:216 Resp: 196908

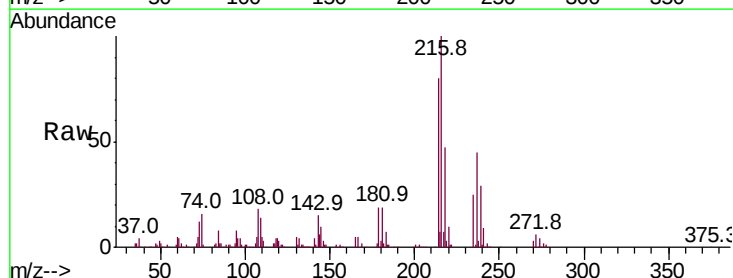
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.6

179 20.3 15.8 23.8

108 19.6 14.2 21.2

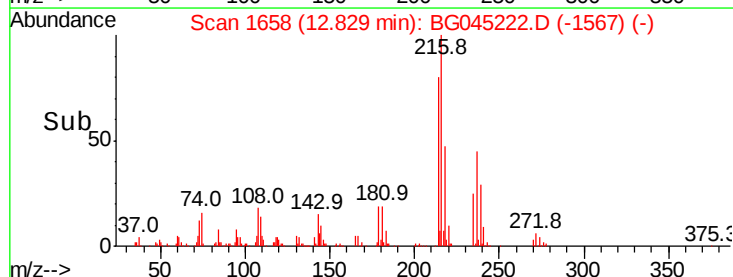
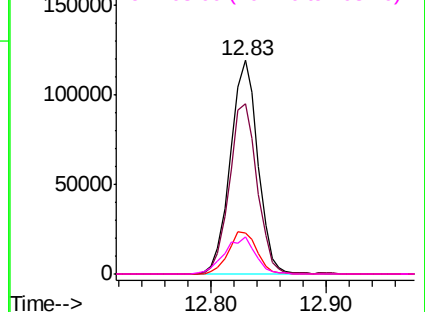


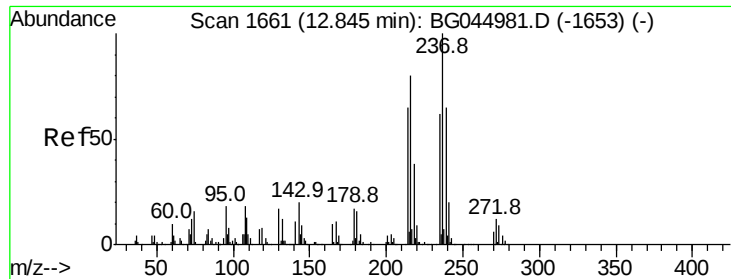
Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.697 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

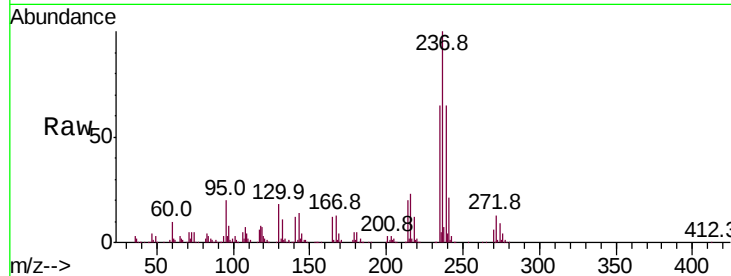
Tot Ion:237 Resp: 255053

Ion Ratio Lower Upper

237 100

235 64.8 41.6 81.6

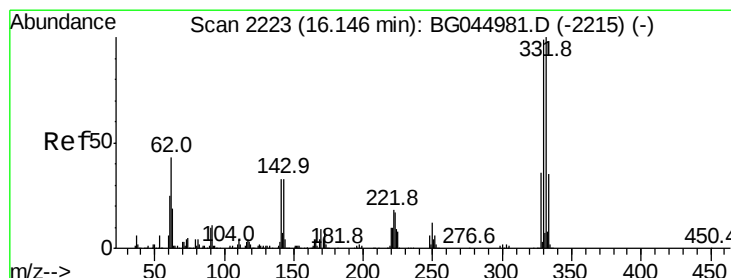
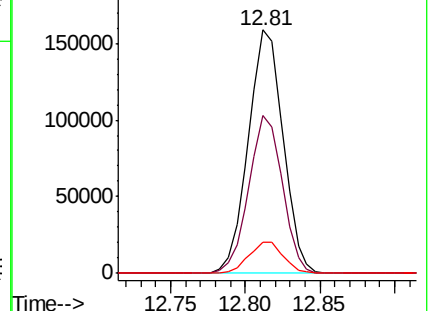
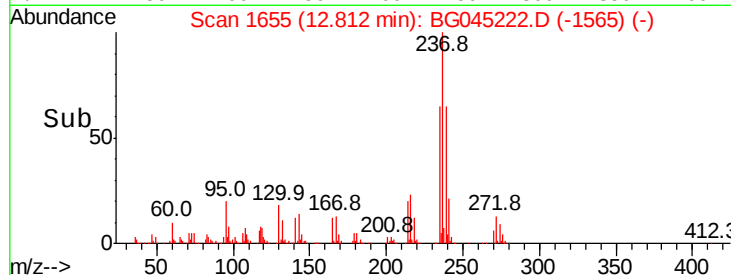
272 12.8 0.0 32.1



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: 93.815 ng

RT: 16.12 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

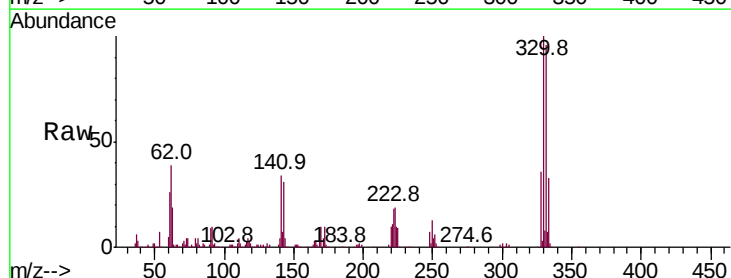
Tgt Ion:330 Resp: 297729

Ion Ratio Lower Upper

330 100

332 97.9 79.1 118.7

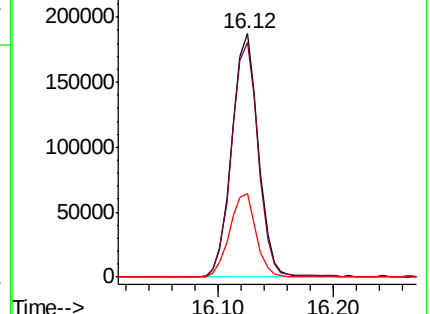
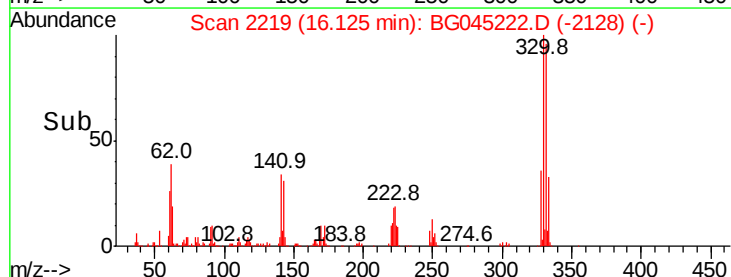
141 34.4 27.1 40.7

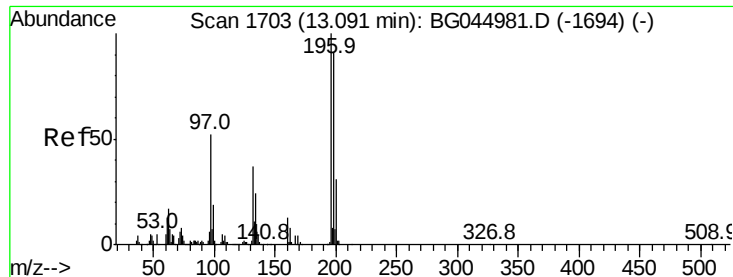


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

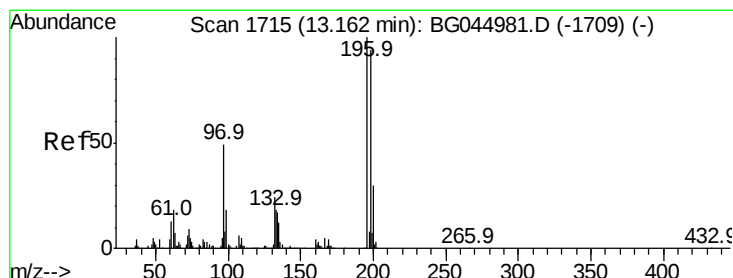
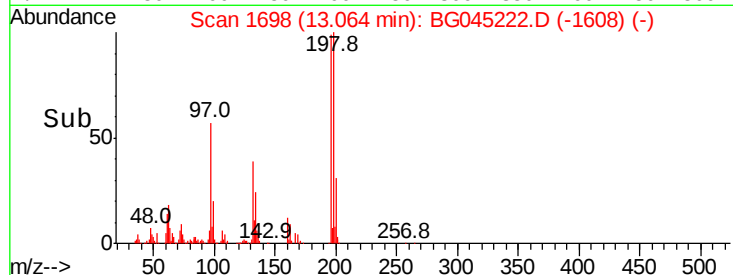
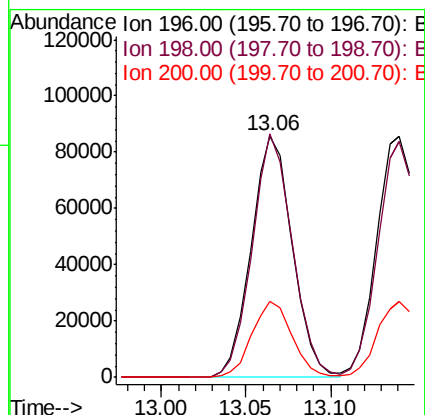
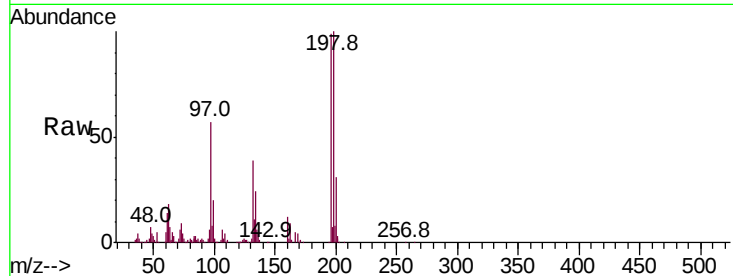




#43  
 2,4,6-Trichlorophenol  
 Concen: 31.128 ng  
 RT: 13.06 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

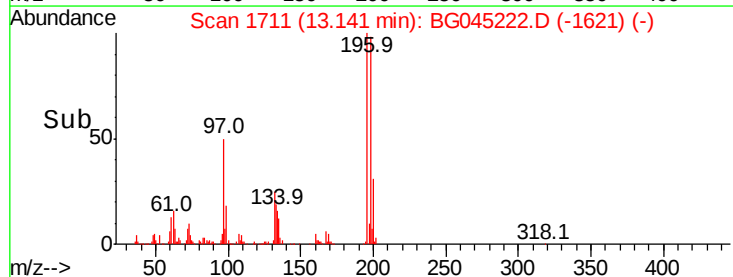
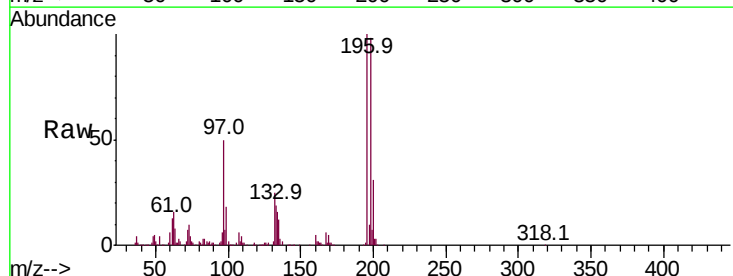
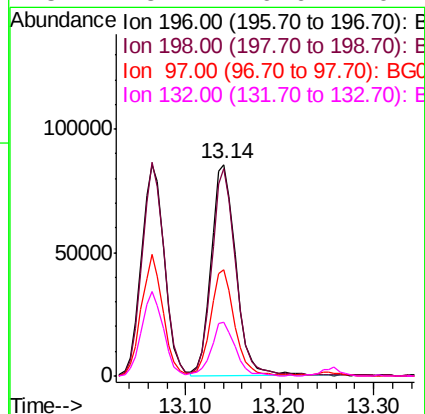
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

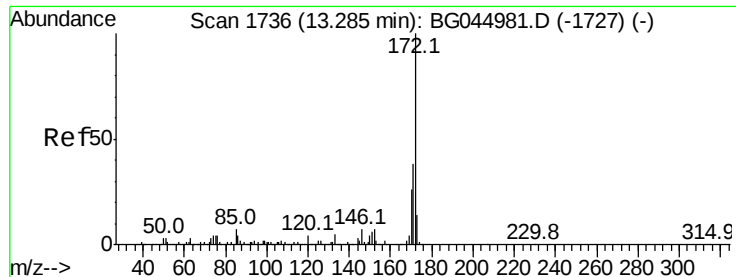
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 100.9 | 72.5  | 108.7 |
| 200     | 31.4  | 24.5  | 36.7  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 29.721 ng  
 RT: 13.14 min Scan# 1711  
 Delta R.T. -0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.9  | 75.7  | 113.5 |
| 97      | 50.0  | 39.6  | 59.4  |
| 132     | 25.4  | 19.6  | 29.4  |

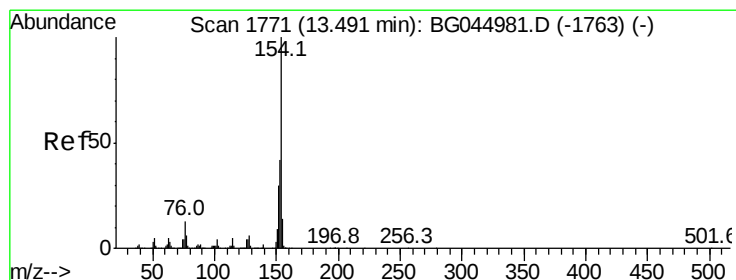
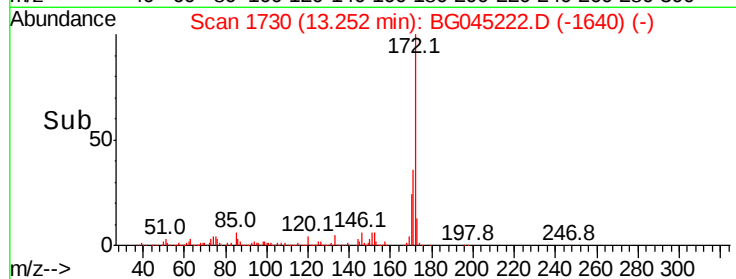
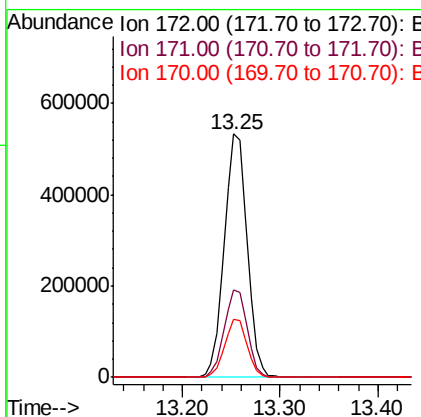
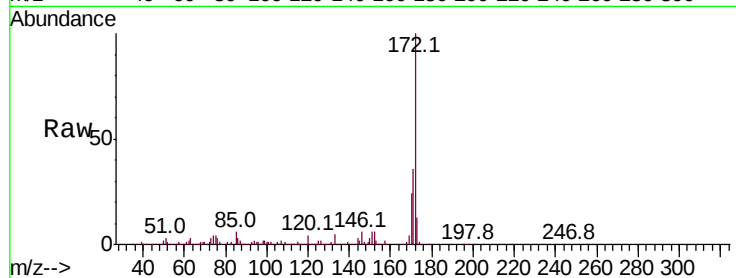




#45  
2-Fluorobiphenyl  
Concen: 62.162 ng  
RT: 13.25 min Scan# 1730  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

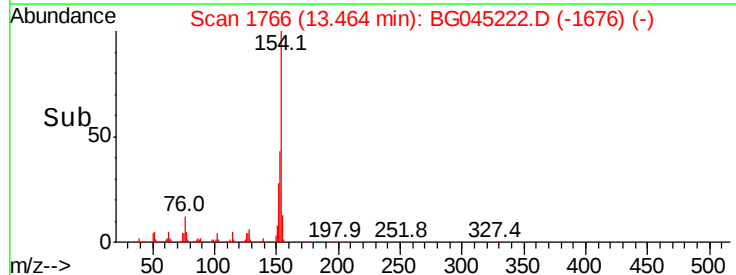
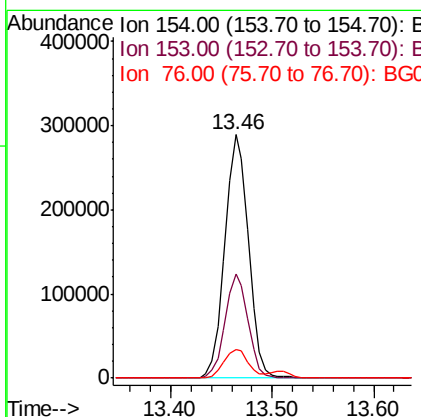
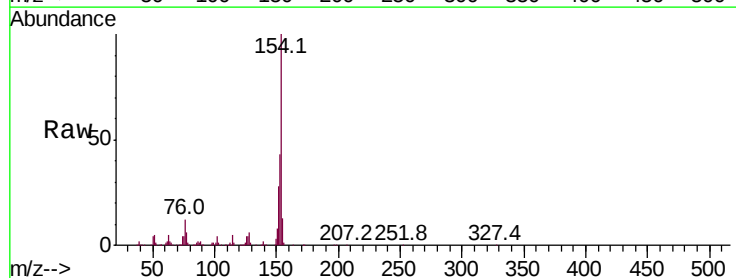
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

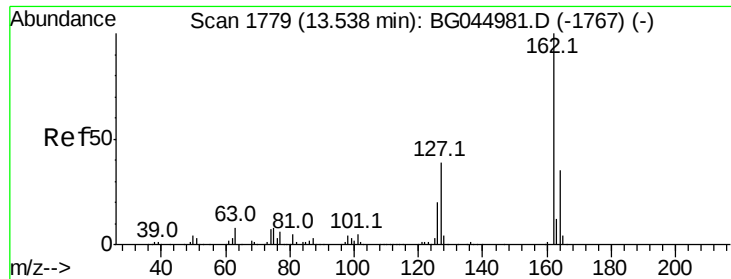
Tot Ion:172 Resp: 870862  
Ion Ratio Lower Upper  
172 100  
171 36.0 30.6 46.0  
170 24.0 20.5 30.7



#46  
1,1'-Biphenyl  
Concen: 29.882 ng  
RT: 13.46 min Scan# 1766  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Tgt Ion:154 Resp: 466575  
Ion Ratio Lower Upper  
154 100  
153 43.0 21.9 61.9  
76 12.0 0.0 33.1





#47

2-Chloronaphthalene

Concen: 29.770 ng

RT: 13.50 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

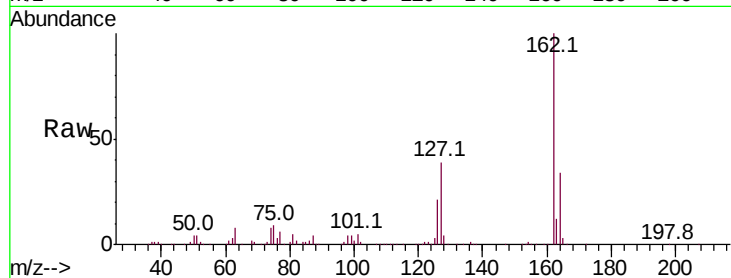
Tot Ion:162 Resp: 355170

Ion Ratio Lower Upper

162 100

127 38.5 31.3 46.9

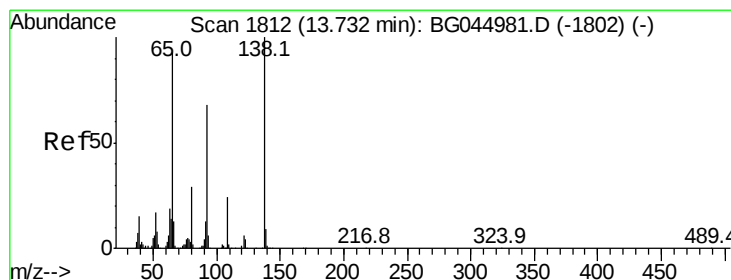
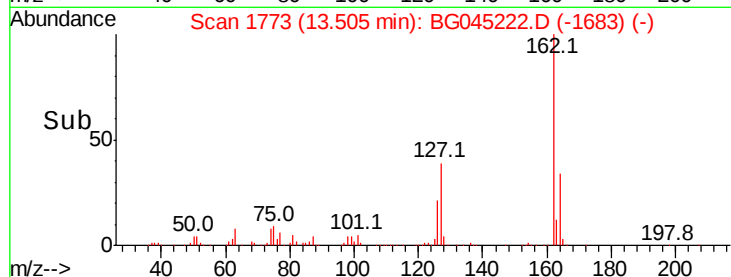
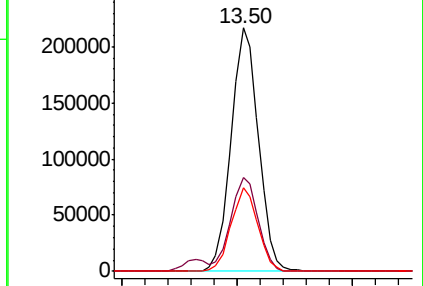
164 34.5 27.8 41.8



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: 29.719 ng

RT: 13.70 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

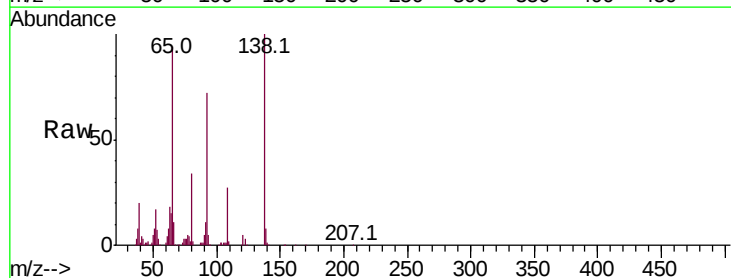
Tgt Ion: 65 Resp: 116657

Ion Ratio Lower Upper

65 100

92 76.5 58.3 87.5

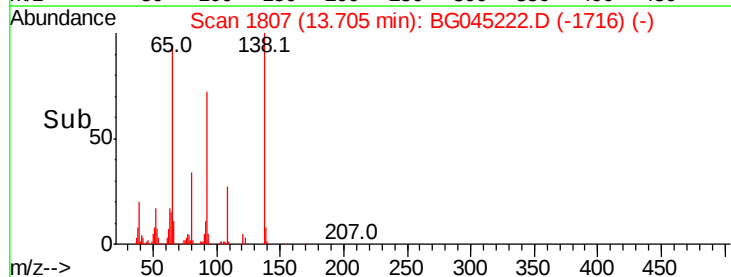
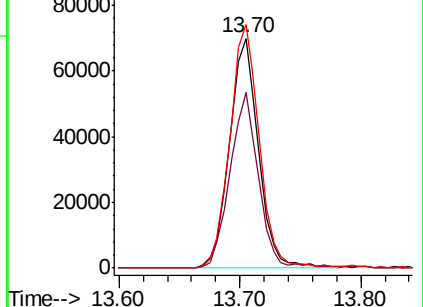
138 106.1 85.6 128.4

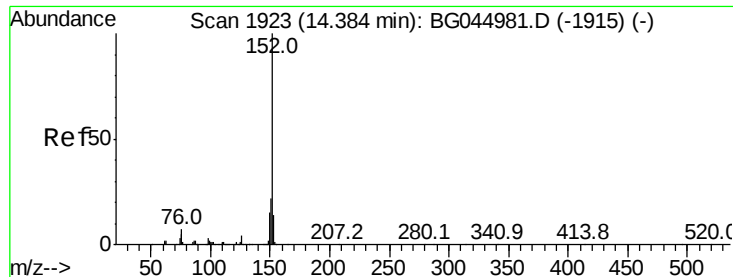


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 31.232 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

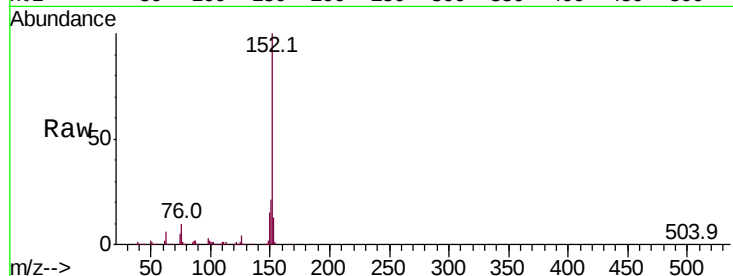
Tot Ion:152 Resp: 606929

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.1  | 17.2  | 25.8  |
| 153 | 13.1  | 11.0  | 16.4  |

152 100

151 21.1 17.2 25.8

153 13.1 11.0 16.4

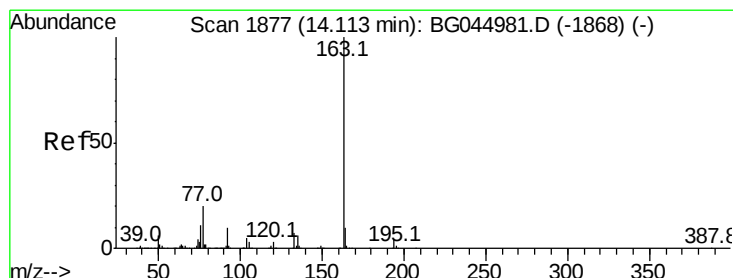
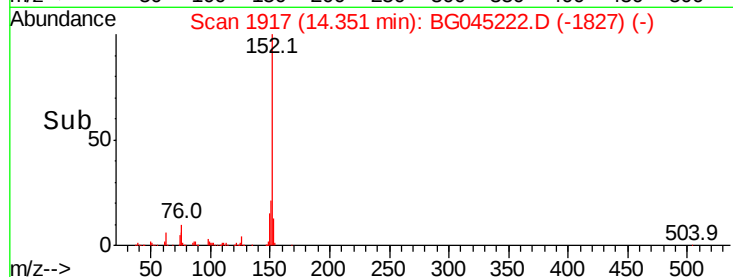
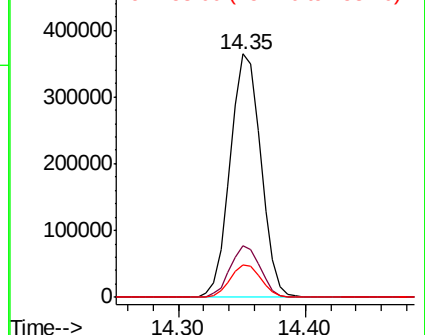


Abundance

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: 33.409 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

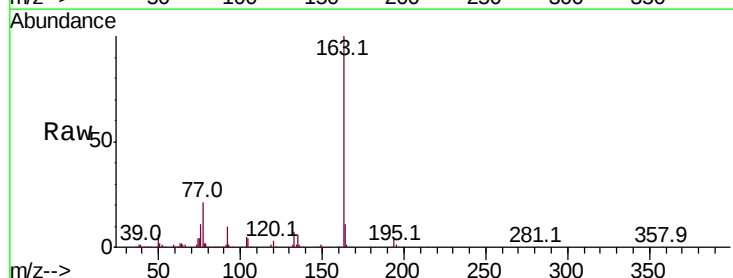
Tgt Ion:163 Resp: 558820

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.5   | 5.3   |
| 164 | 11.1  | 8.2   | 12.4  |

163 100

194 4.3 3.5 5.3

164 11.1 8.2 12.4

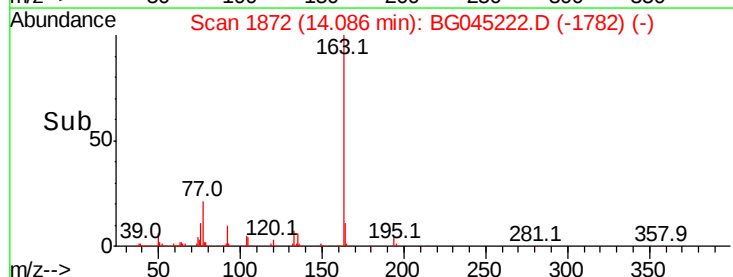
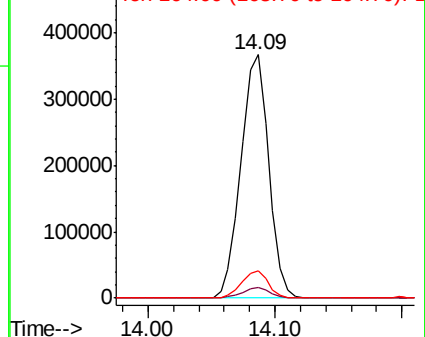


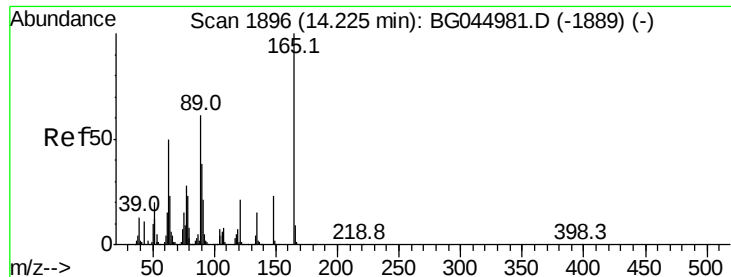
Abundance

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: 30.921 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

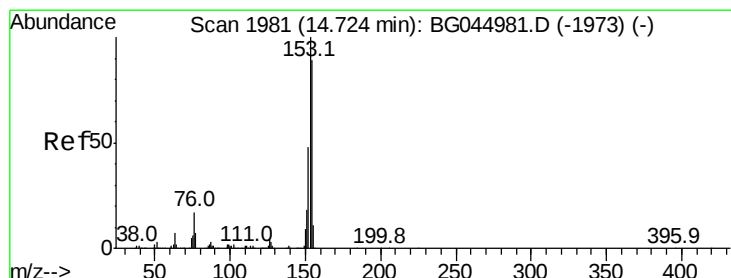
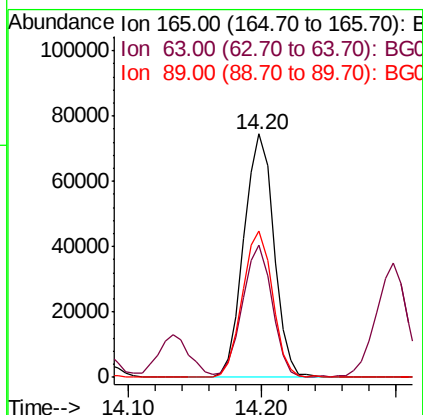
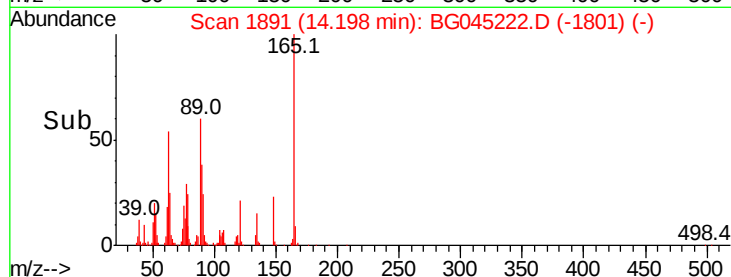
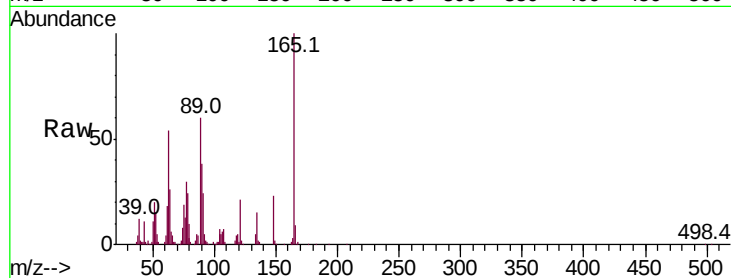
Tot Ion:165 Resp: 115686

Ion Ratio Lower Upper

165 100

63 54.5 40.4 60.6

89 60.2 49.1 73.7



#52

Acenaphthene

Concen: 27.562 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

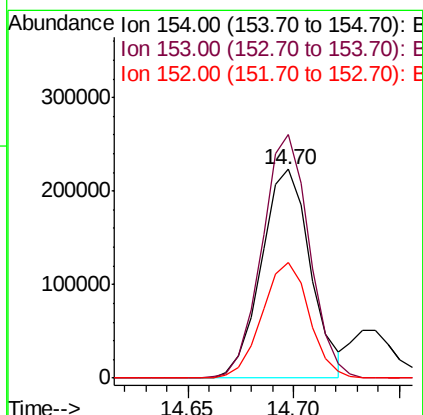
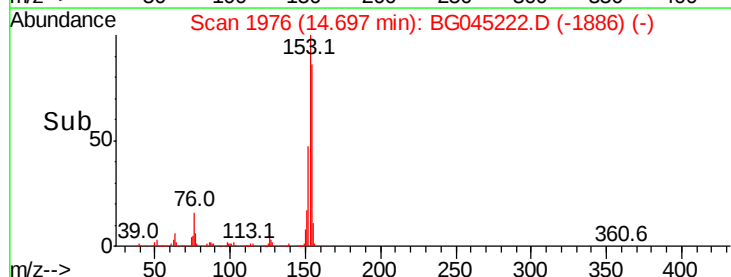
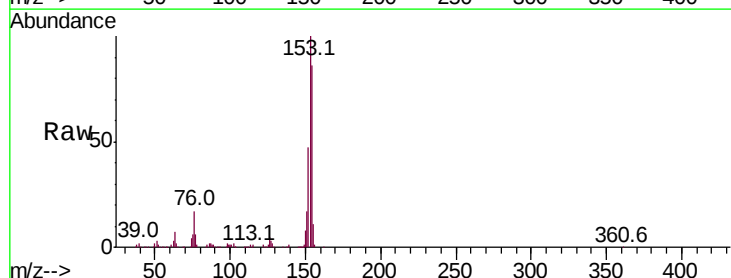
Tgt Ion:154 Resp: 362399

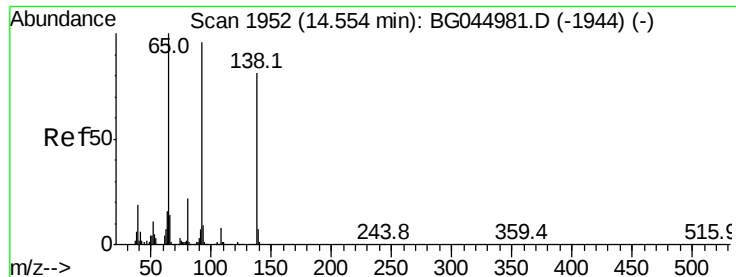
Ion Ratio Lower Upper

154 100

153 116.8 89.7 134.5

152 55.3 43.1 64.7





#53

3-Nitroaniline

Concen: 14.184 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

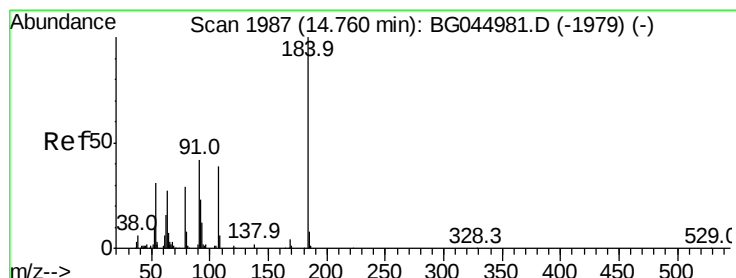
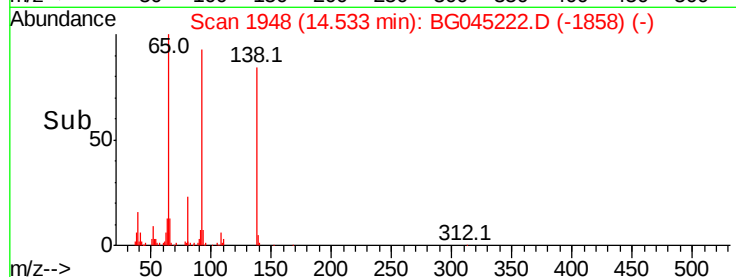
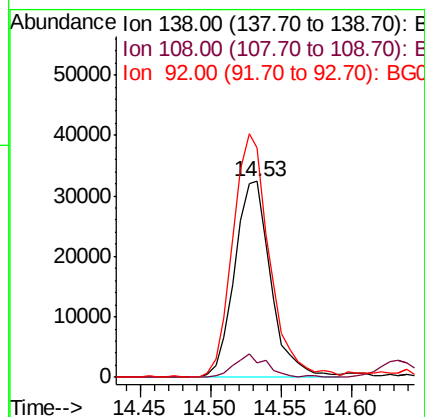
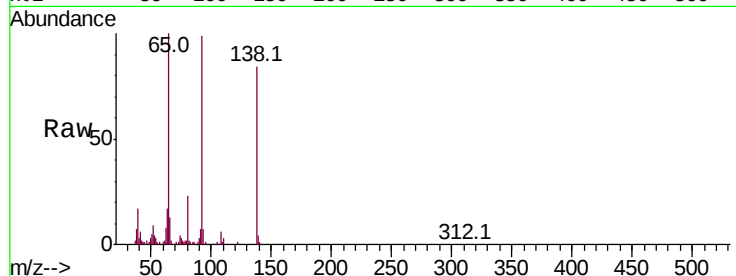
Tot Ion:138 Resp: 58202

Ion Ratio Lower Upper

138 100

108 7.6 7.8 11.8#

92 117.2 94.5 141.7



#54

2,4-Dinitrophenol

Concen: 57.739 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

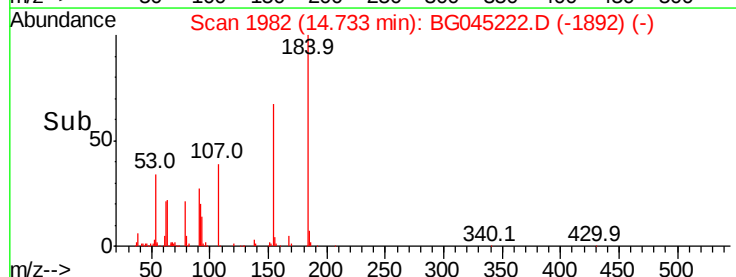
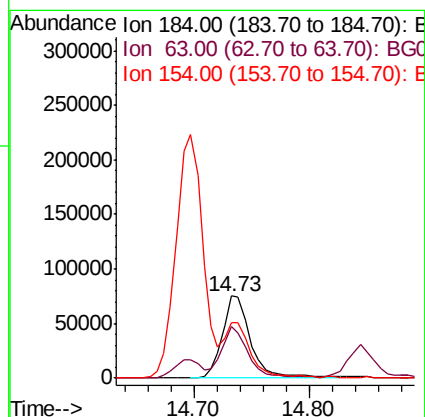
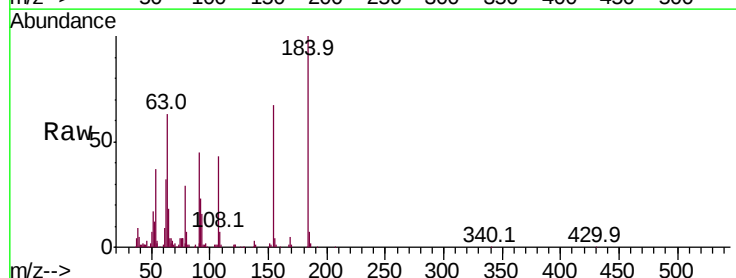
Tgt Ion:184 Resp: 128452

Ion Ratio Lower Upper

184 100

63 63.0 41.5 62.3#

154 67.3 52.3 78.5





#55

Dibenzofuran

Concen: 30.808 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

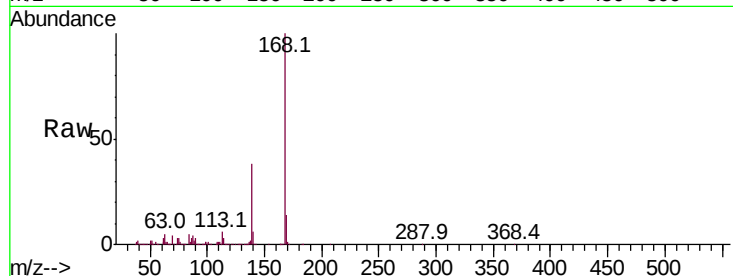
Tot Ion:168 Resp: 590560

Ion Ratio Lower Upper

168 100

139 38.4 30.4 45.6

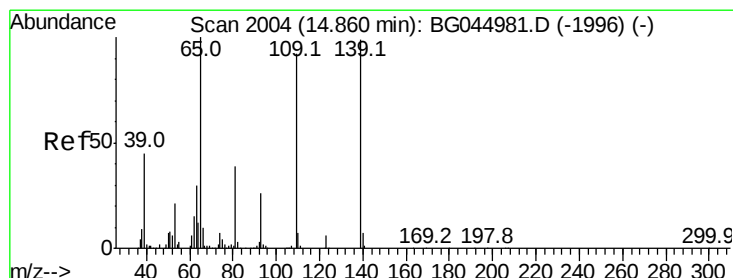
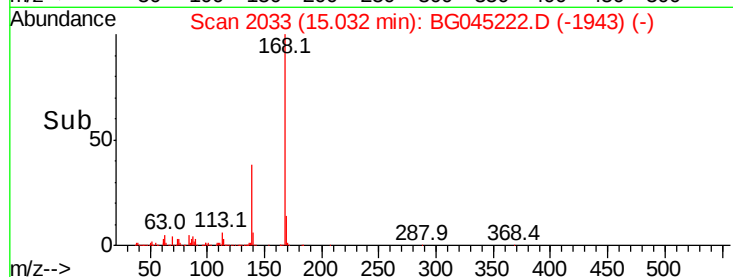
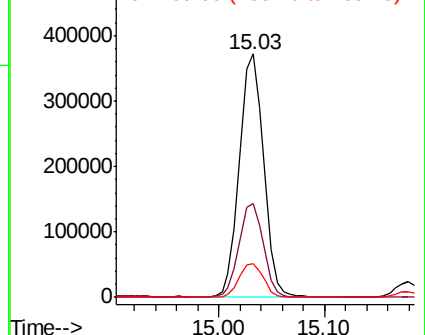
169 14.0 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 52.840 ng

RT: 14.84 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

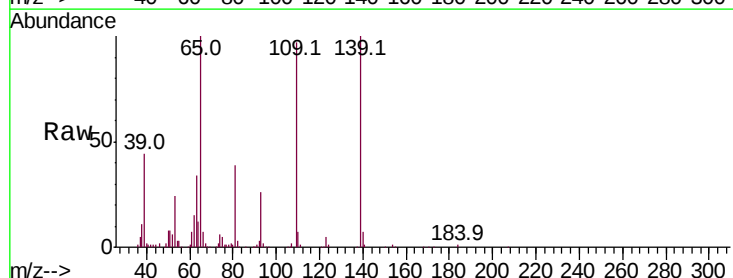
Tgt Ion:139 Resp: 168114

Ion Ratio Lower Upper

139 100

109 96.7 73.6 113.6

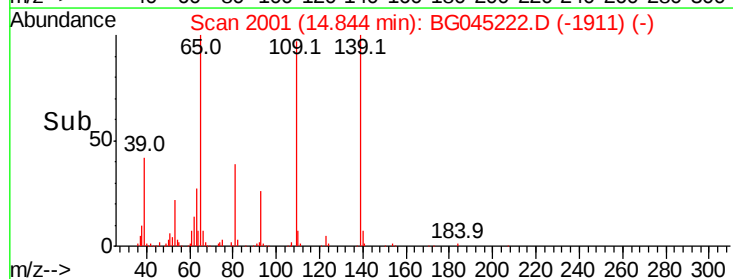
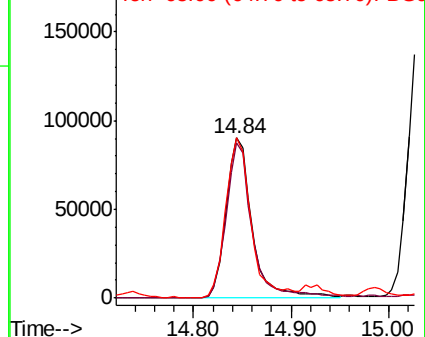
65 99.9 81.2 121.2

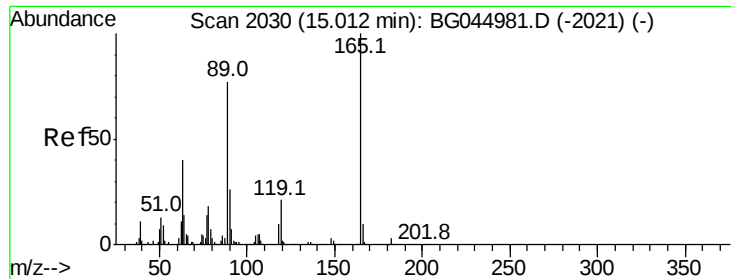


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

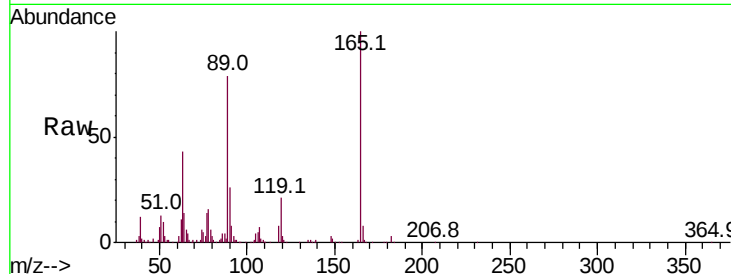




#57  
 2,4-Dinitrotoluene  
 Concen: 29.823 ng  
 RT: 14.99 min Scan# 2025  
 Delta R.T. -0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.6  | 32.2  | 48.2  |
| 89      | 78.8  | 61.7  | 92.5  |
| 182     | 3.3   | 2.0   | 3.0   |



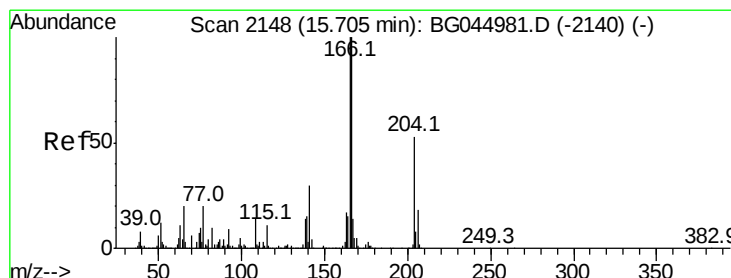
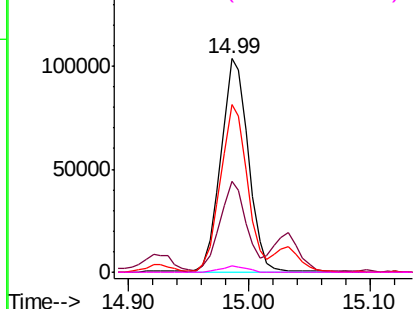
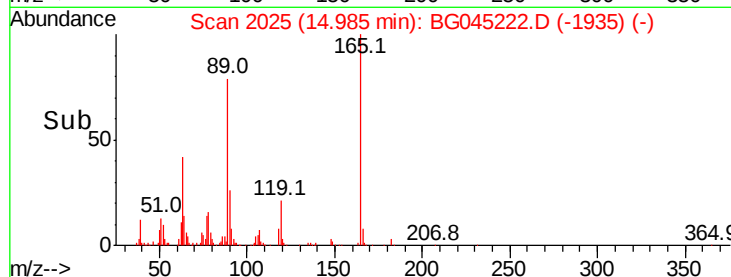
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

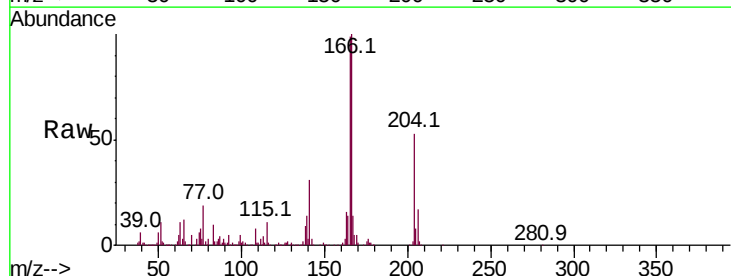
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 31.622 ng  
 RT: 15.68 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.1  | 79.9  | 119.9 |
| 167     | 14.1  | 11.4  | 17.0  |

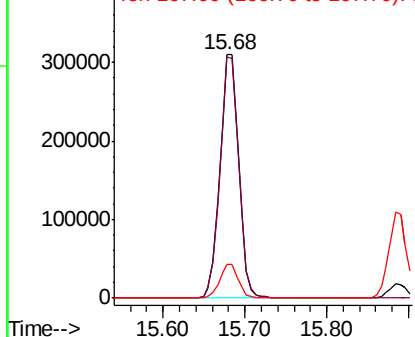
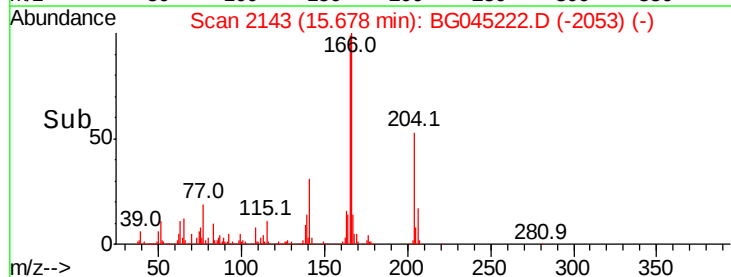


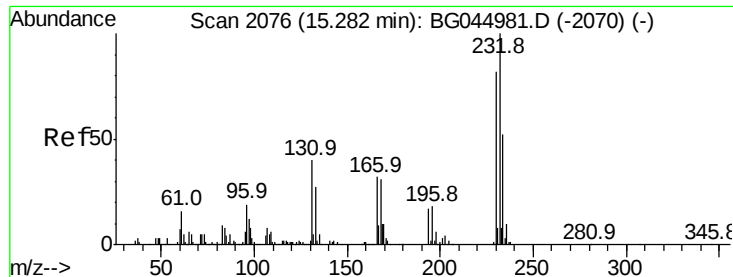
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

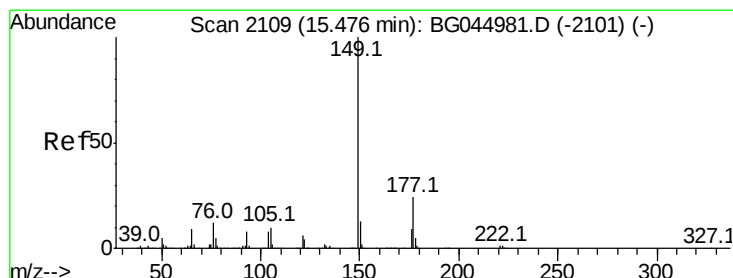
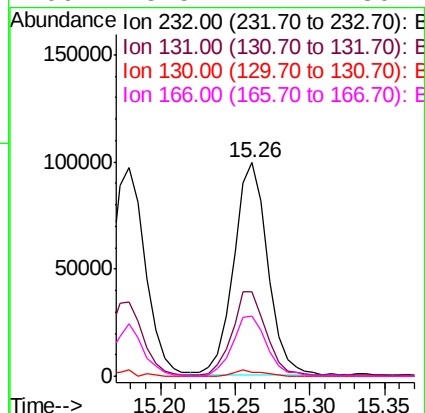
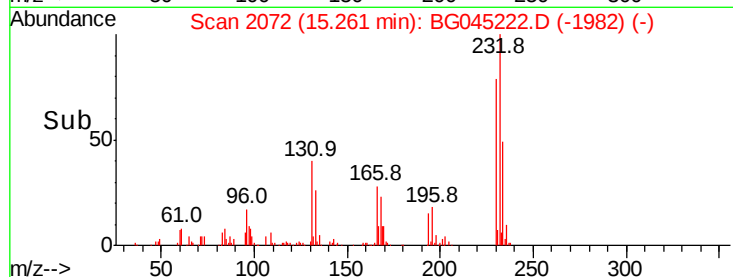
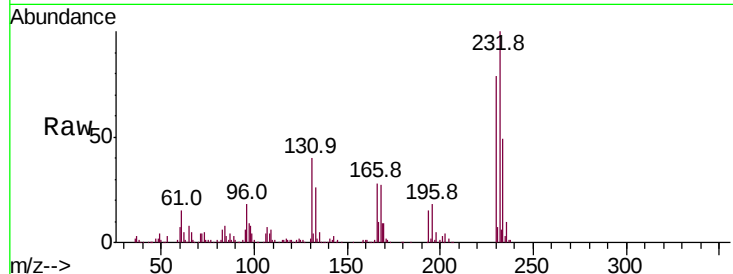




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 33.330 ng  
 RT: 15.26 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

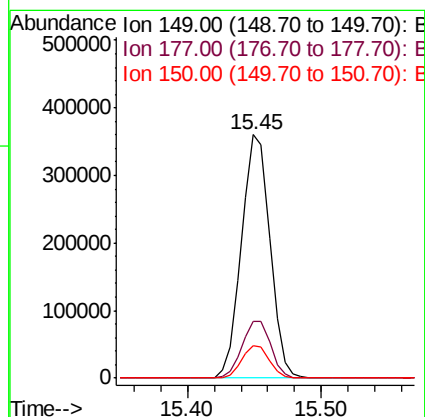
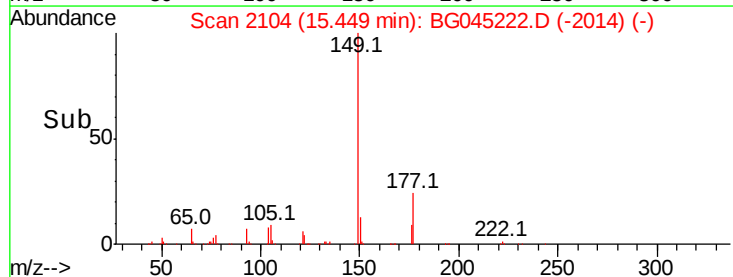
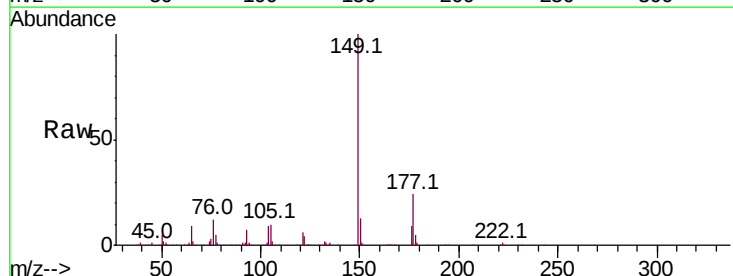
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

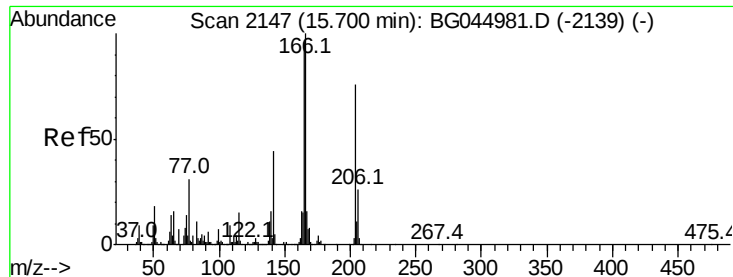
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 157576 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.1  | 32.2  | 48.2   |
| 130      | 2.5   | 2.2   | 3.2    |
| 166      | 28.5  | 24.2  | 36.4   |



#60  
 Diethylphthalate  
 Concen: 30.479 ng  
 RT: 15.45 min Scan# 2104  
 Delta R.T. -0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 531533 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.5  | 18.9  | 28.3   |
| 150      | 13.4  | 10.6  | 15.8   |





#61

4-Chlorophenyl-phenylether

Concen: 30.423 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

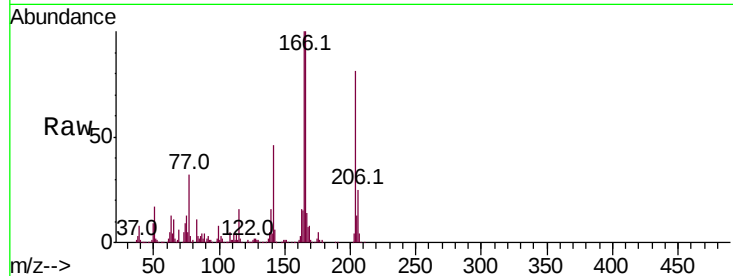
Tot Ion:204 Resp: 274187

Ion Ratio Lower Upper

204 100

206 31.2 26.9 40.3

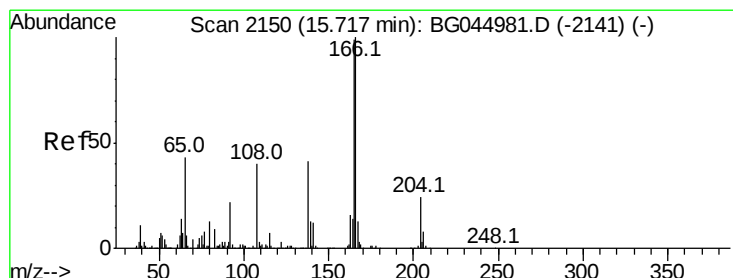
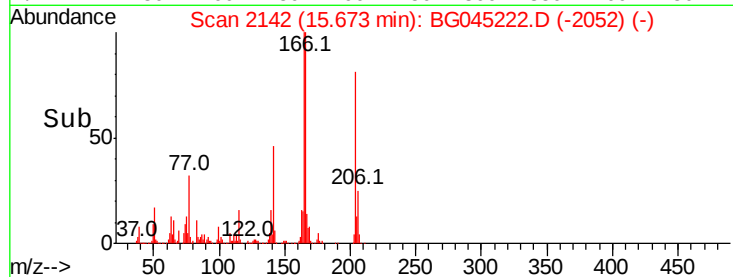
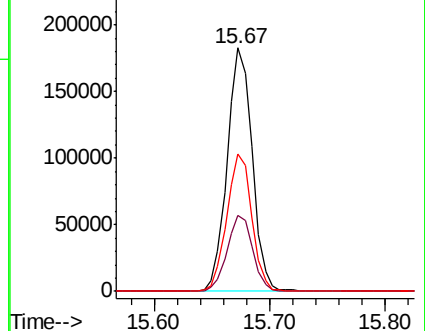
141 56.4 46.3 69.5



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: 26.165 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

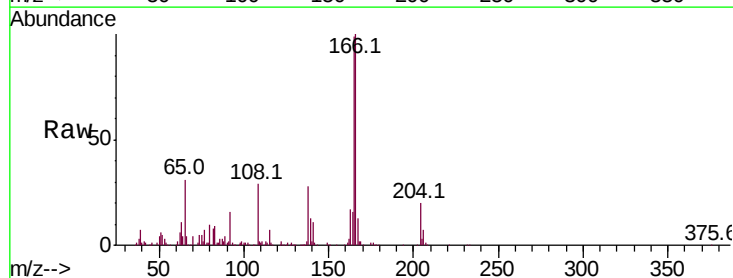
Tgt Ion:138 Resp: 111358

Ion Ratio Lower Upper

138 100

92 57.9 33.6 73.6

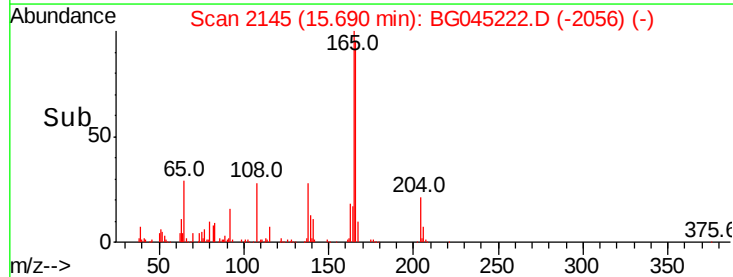
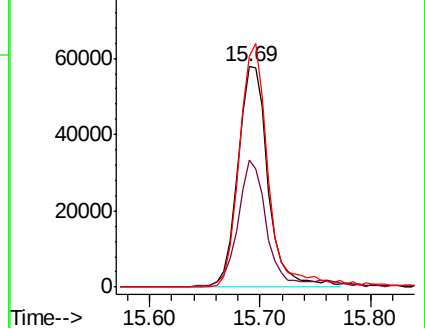
108 105.1 78.2 118.2

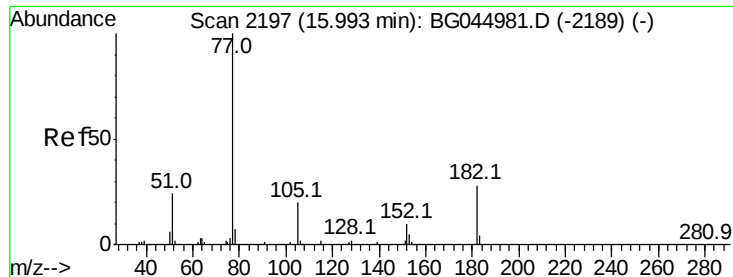


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

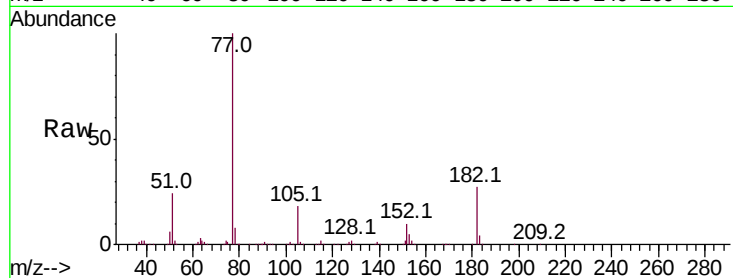




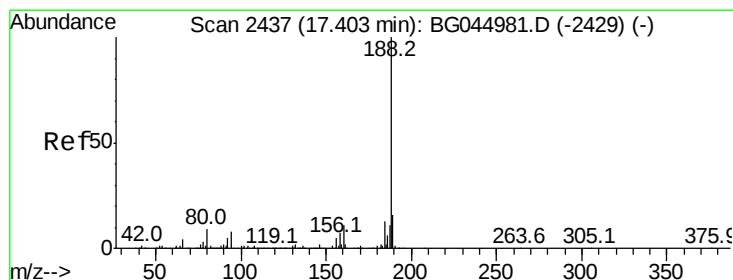
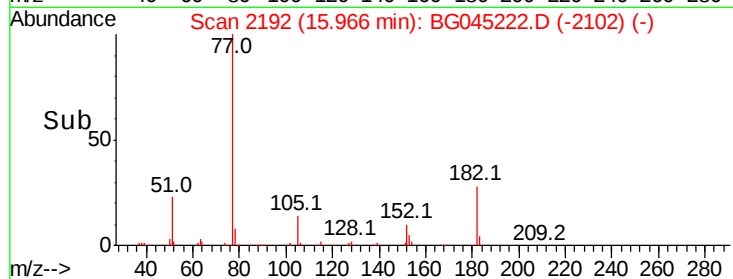
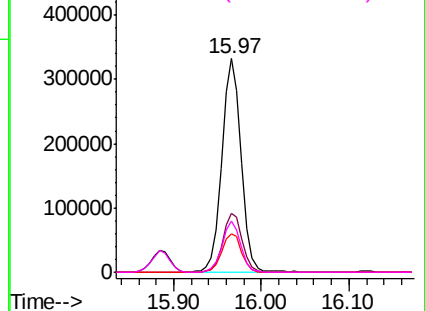
#63  
Azobenzene  
Concen: 31.330 ng  
RT: 15.97 min Scan# 2192  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 503740 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 27.3  | 8.4   | 48.4   |
| 105      | 18.1  | 0.5   | 40.5   |
| 51       | 23.9  | 4.4   | 44.4   |

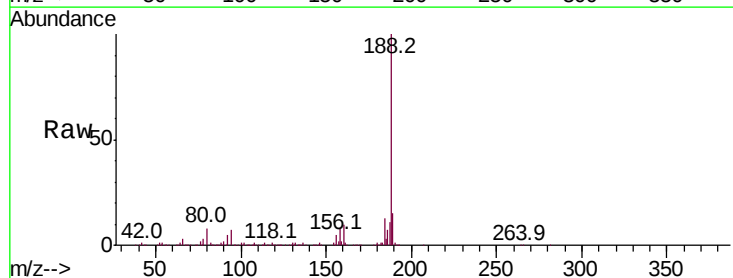


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

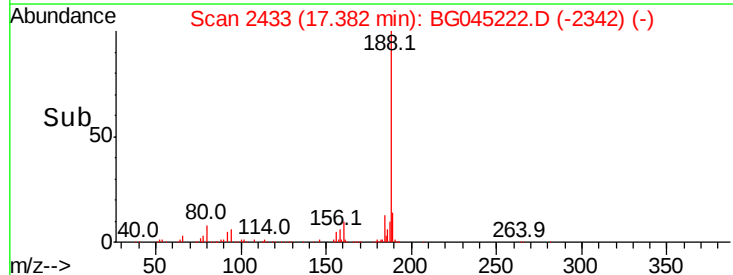
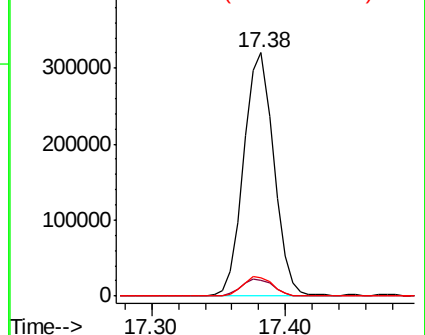


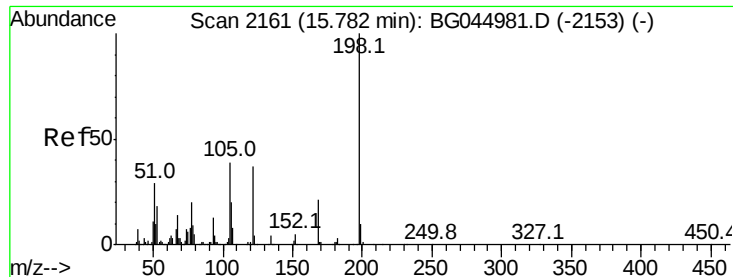
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.38 min Scan# 2433  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 499164 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.6   | 6.2   | 9.4    |
| 80       | 7.7   | 7.0   | 10.6   |



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: 31.293 ng

RT: 15.75 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

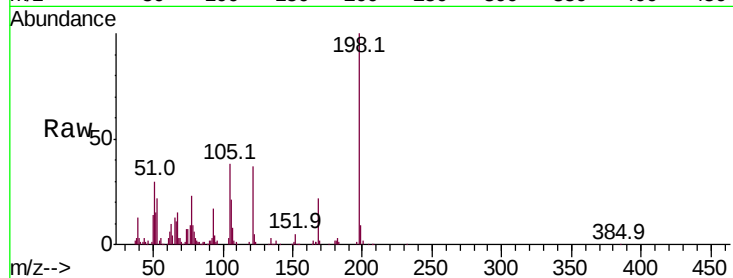
Tot Ion:198 Resp: 102674

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 29.6  | 10.0  | 50.0  |
| 105 | 38.1  | 18.9  | 58.9  |

198 100

51 29.6 10.0 50.0

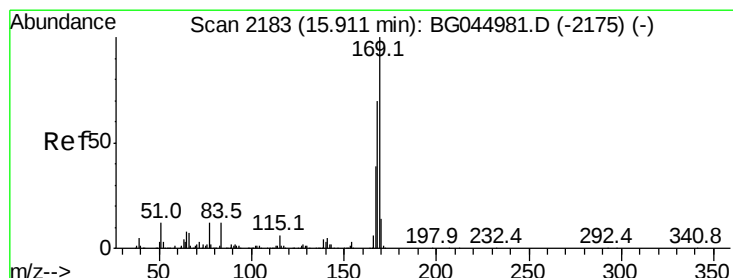
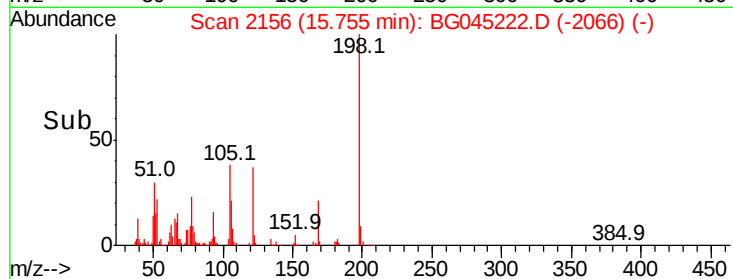
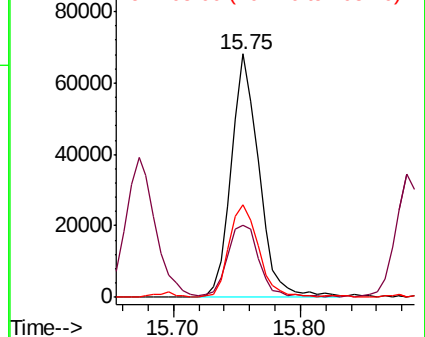
105 38.1 18.9 58.9



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: 31.041 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

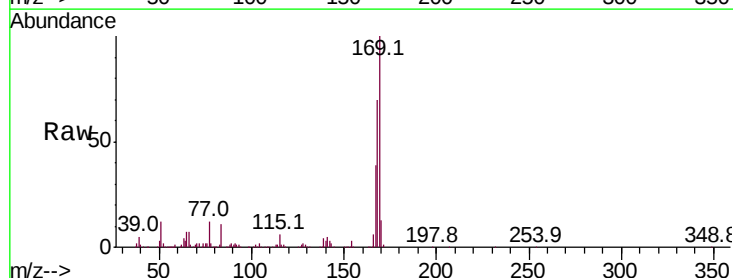
Tgt Ion:169 Resp: 445194

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 70.0  | 55.8  | 83.8  |
| 167 | 38.8  | 30.8  | 46.2  |

169 100

168 70.0 55.8 83.8

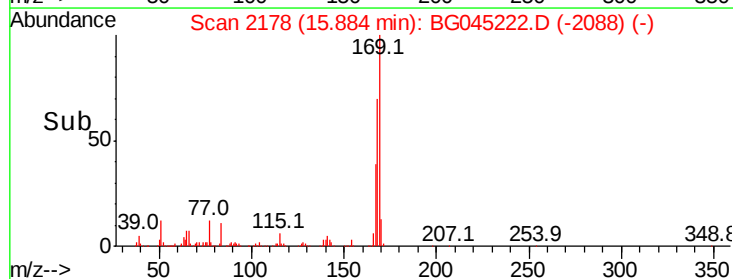
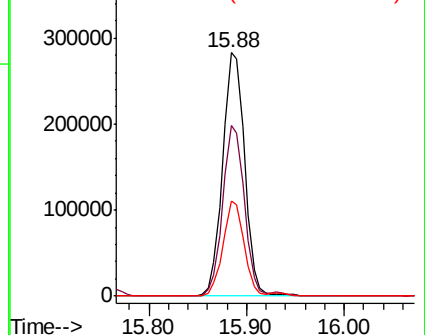
167 38.8 30.8 46.2

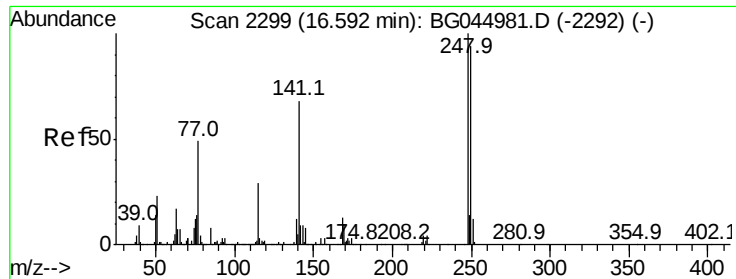


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

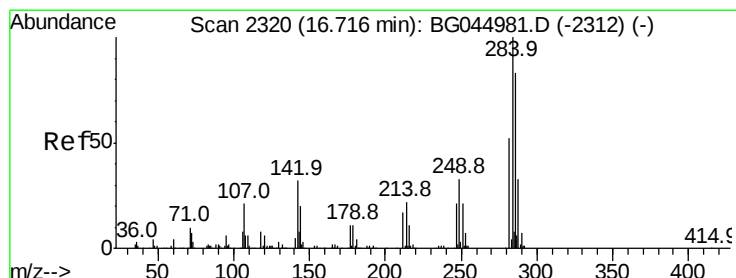
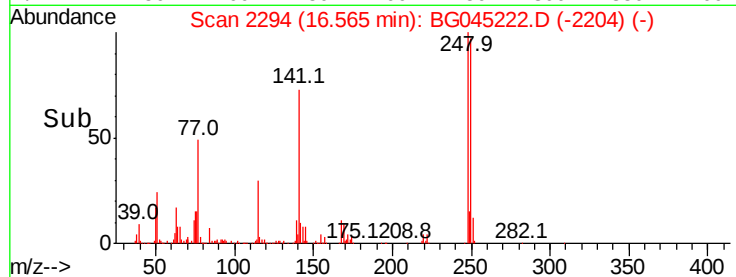
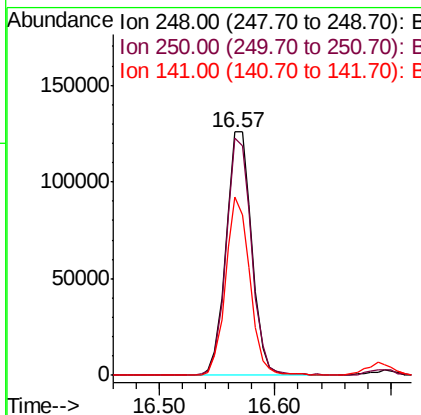
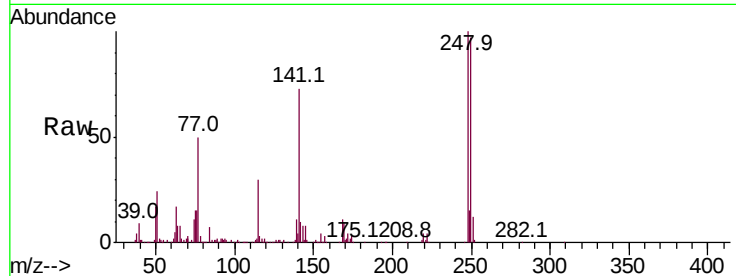




#67  
4-Bromophenyl-phenylether  
Concen: 30.002 ng  
RT: 16.57 min Scan# 2294  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

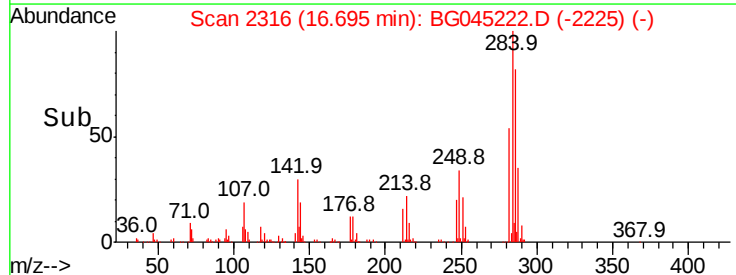
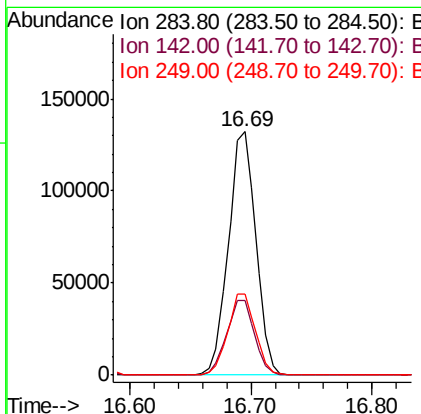
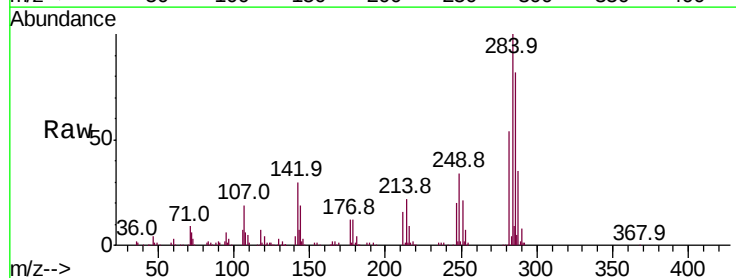
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.4  | 75.4  | 113.2 |
| 141     | 73.3  | 54.4  | 81.6  |



#68  
Hexachlorobenzene  
Concen: 31.299 ng  
RT: 16.69 min Scan# 2316  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.4  | 25.8  | 38.6  |
| 249     | 33.5  | 26.6  | 39.8  |





#69

Atrazine

Concen: 31.213 ng

RT: 16.84 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

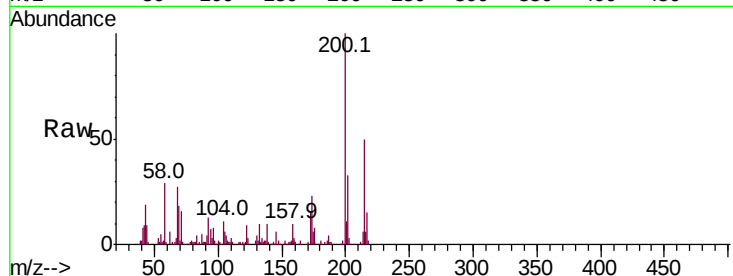
Tot Ion:200 Resp: 170932

Ion Ratio Lower Upper

200 100

173 23.2 4.5 44.5

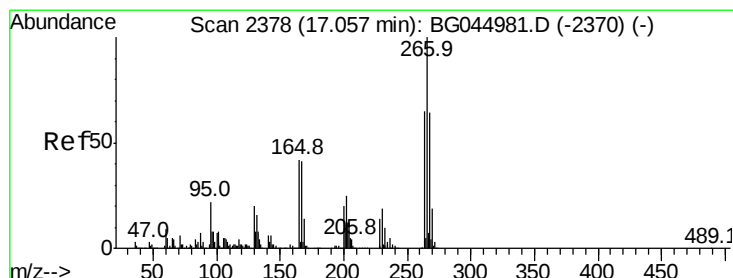
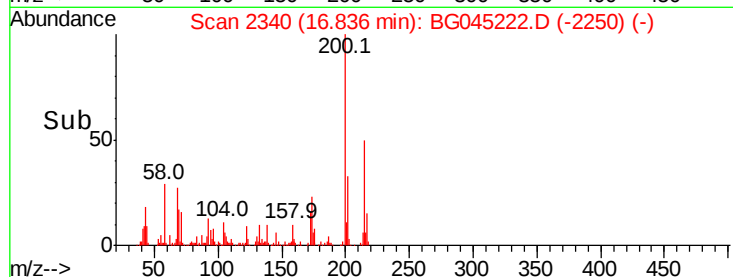
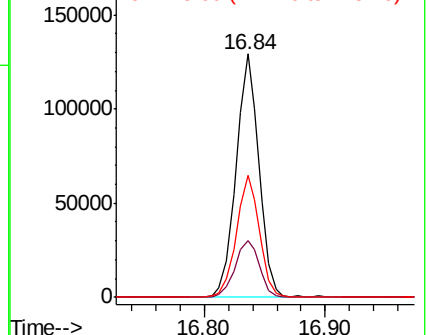
215 49.9 30.0 70.0



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: 61.170 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

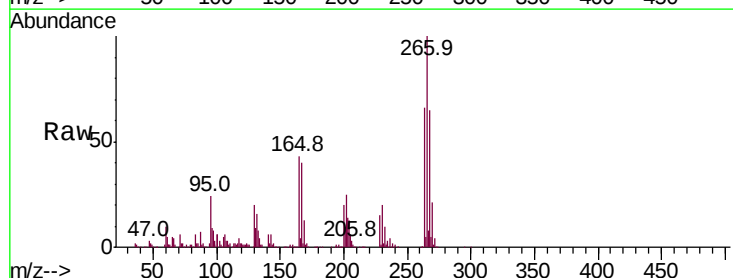
Tgt Ion:266 Resp: 250618

Ion Ratio Lower Upper

266 100

268 64.7 51.5 77.3

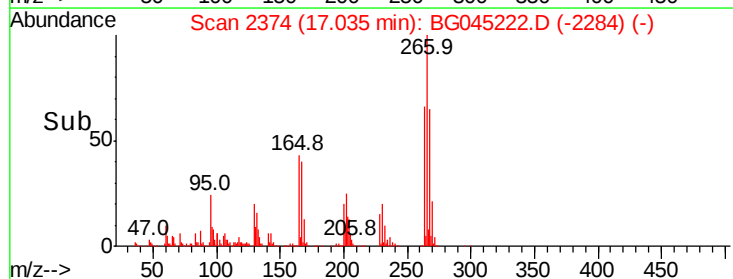
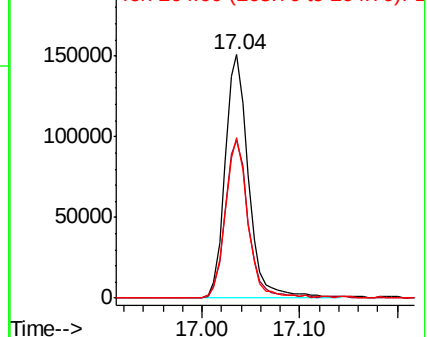
264 65.8 52.2 78.4

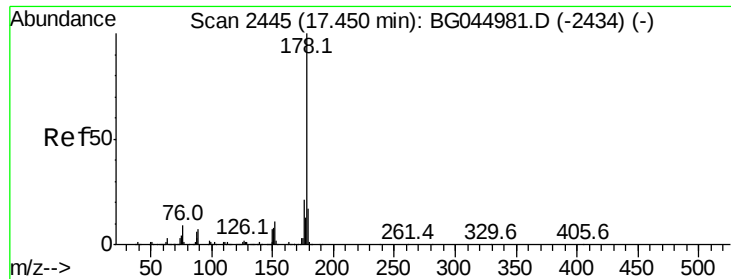


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

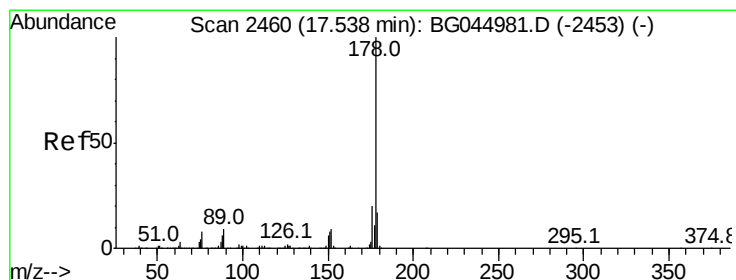
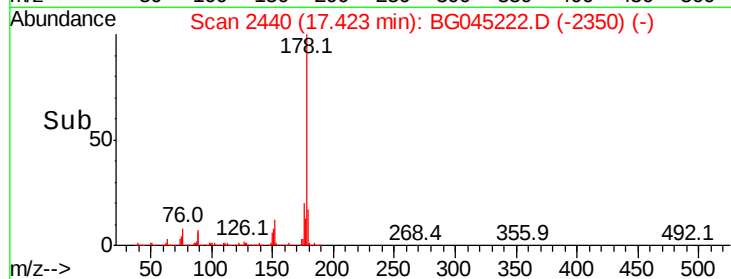
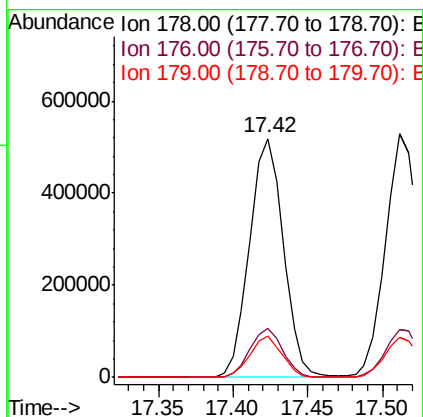
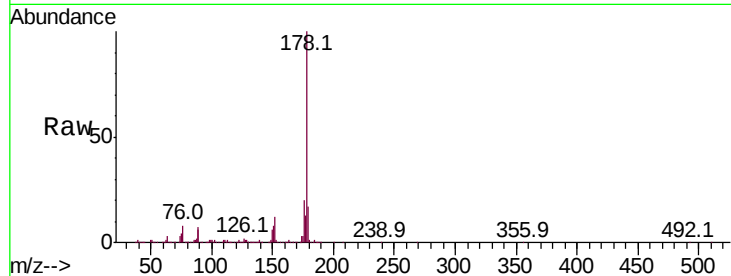




#71  
Phenanthrene  
Concen: 31.765 ng  
RT: 17.42 min Scan# 2440  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

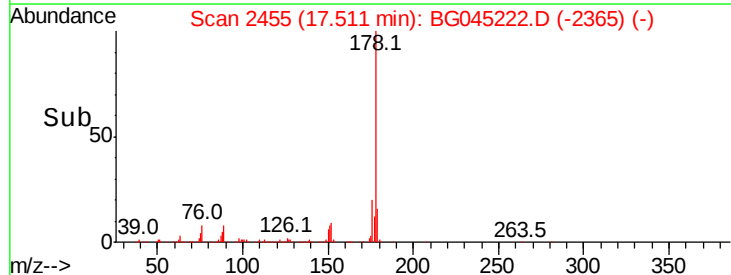
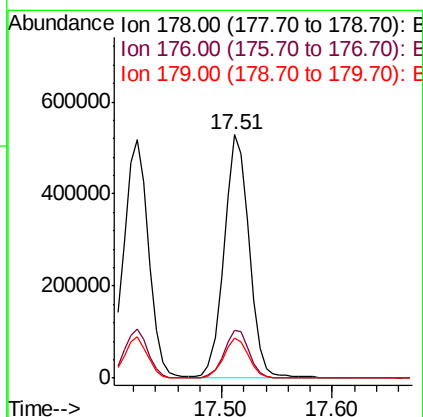
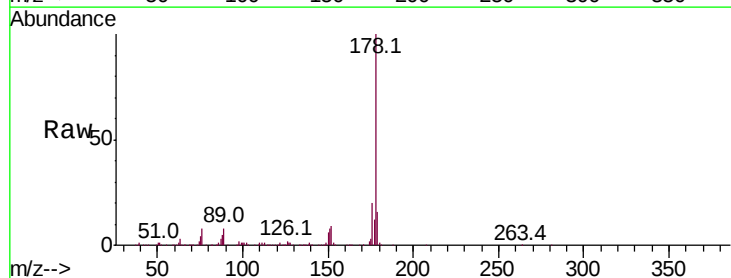
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

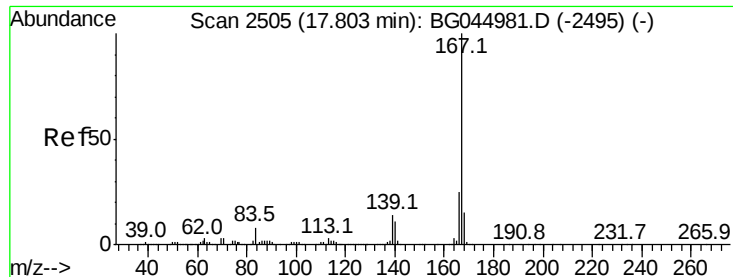
Tot Ion:178 Resp: 814784  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.8 25.2  
179 17.3 13.2 19.8



#72  
Anthracene  
Concen: 32.565 ng  
RT: 17.51 min Scan# 2455  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Tgt Ion:178 Resp: 837901  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.0 24.0  
179 16.5 13.6 20.4





#73

Carbazole

Concen: 29.318 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

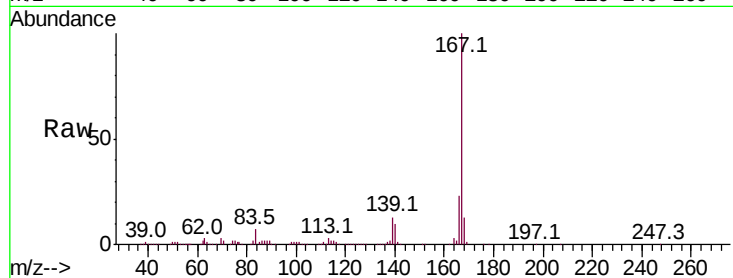
Tot Ion:167 Resp: 765528

Ion Ratio Lower Upper

167 100

166 23.1 19.8 29.6

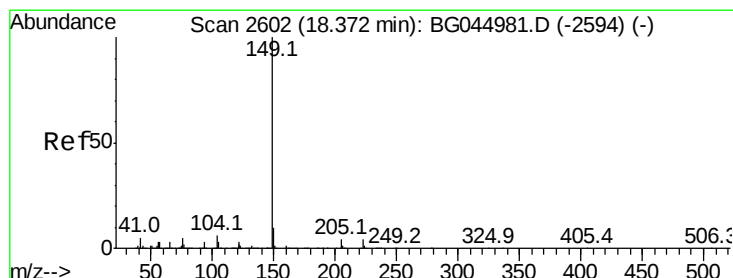
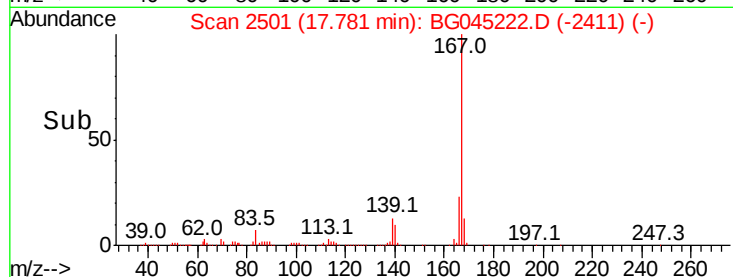
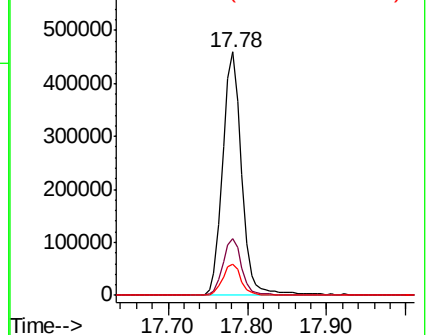
139 12.6 10.9 16.3



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: 30.761 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

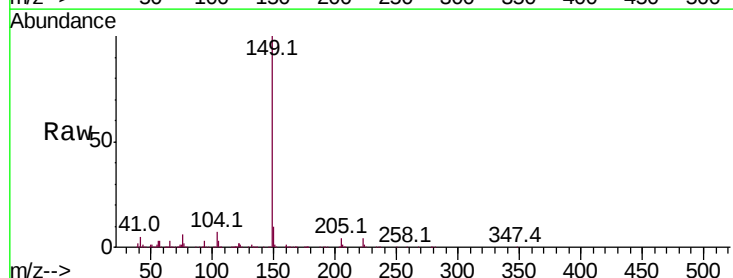
Tgt Ion:149 Resp: 928935

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

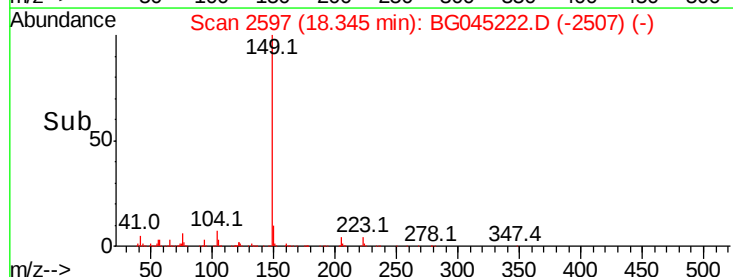
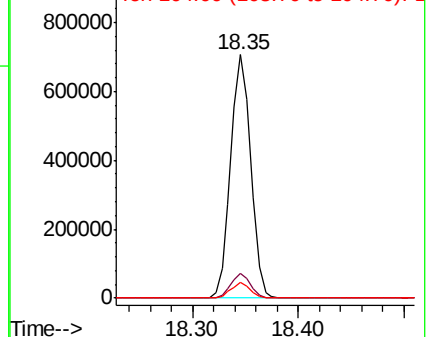
104 6.6 4.8 7.2

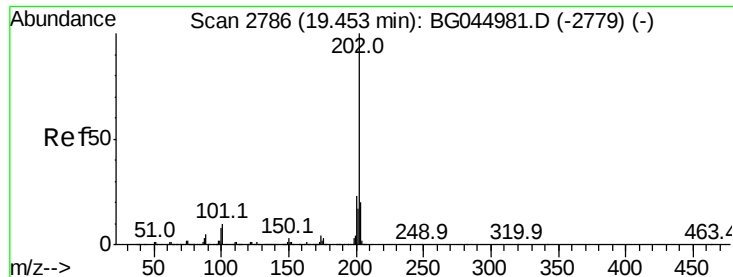


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 32.407 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

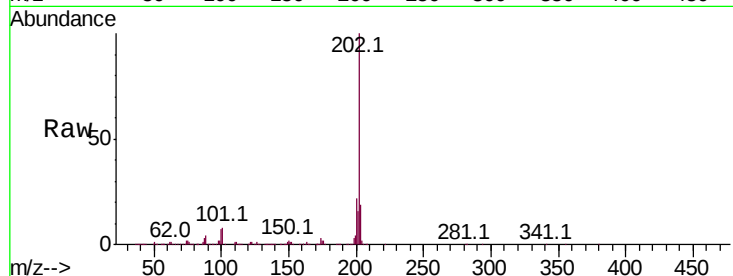
Tot Ion:202 Resp: 1029103

Ion Ratio Lower Upper

202 100

101 8.3 0.0 29.6

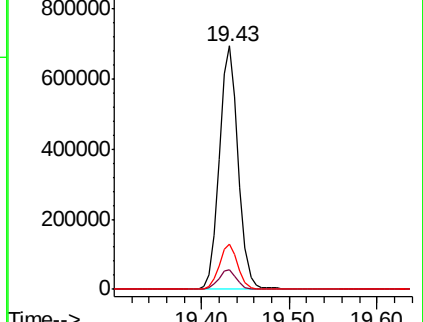
203 18.8 0.0 39.7



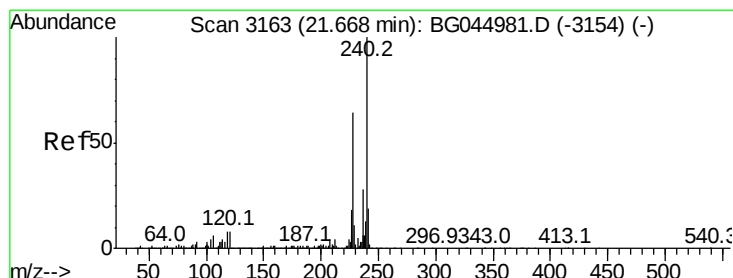
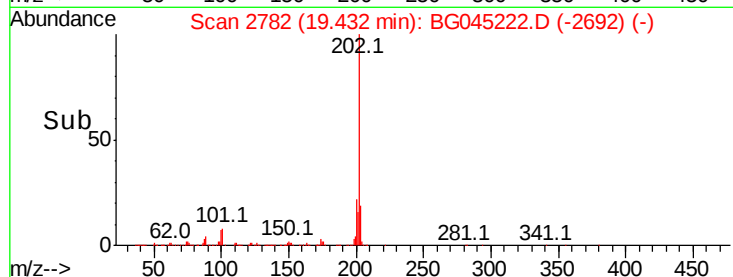
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

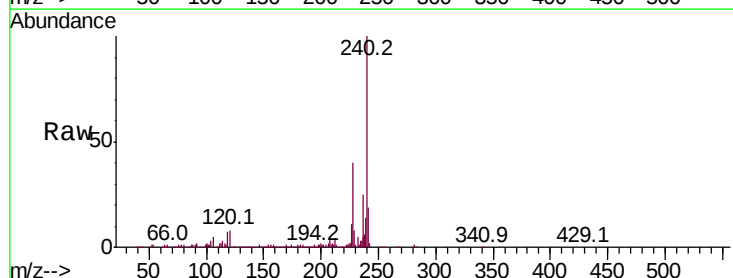
Tgt Ion:240 Resp: 474383

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

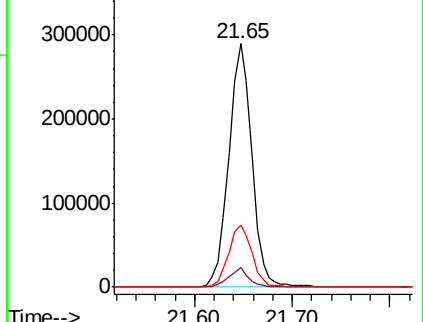
236 25.4 22.2 33.2



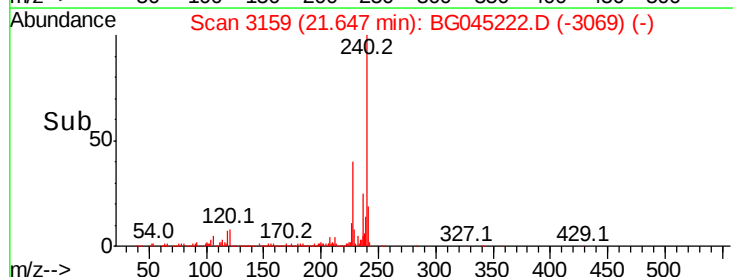
Abundance Ion 240.00 (239.70 to 240.70): E

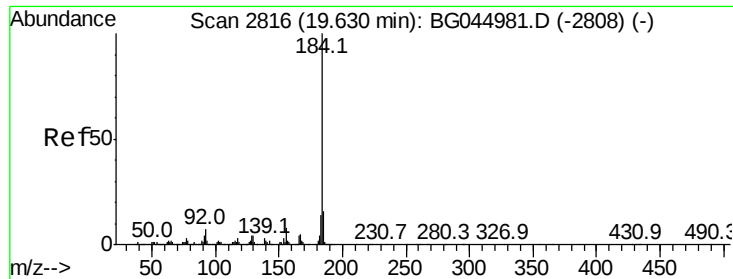
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: Below Cal

RT: 19.61 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

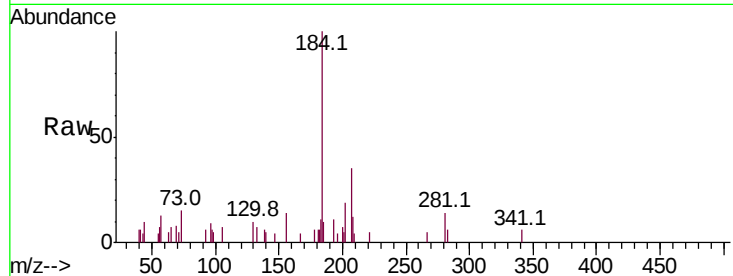
Tot Ion:184 Resp: 7377

Ion Ratio Lower Upper

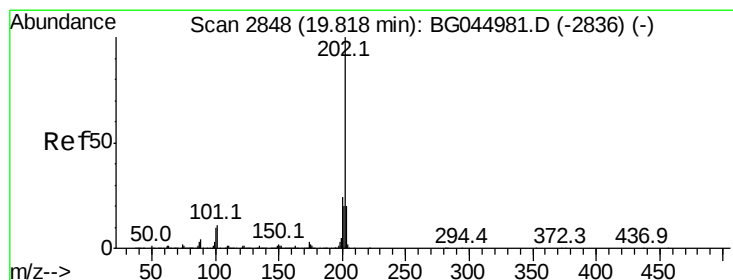
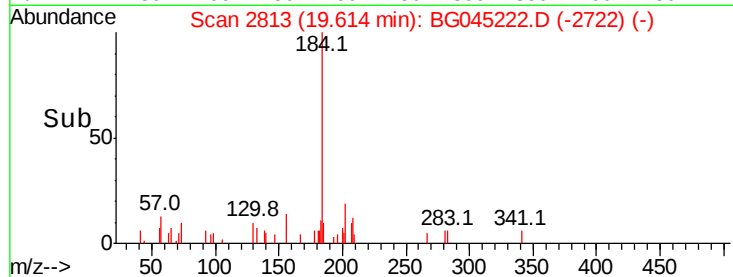
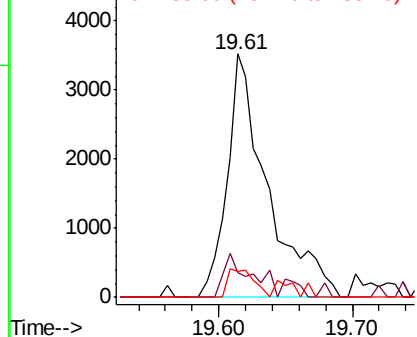
184 100

185 9.9 12.6 19.0#

183 10.8 11.3 16.9#



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: 31.266 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

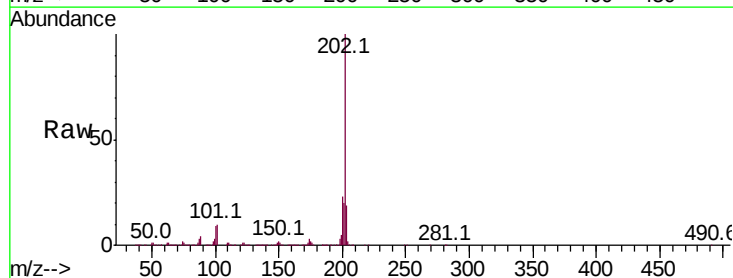
Tgt Ion:202 Resp: 1022521

Ion Ratio Lower Upper

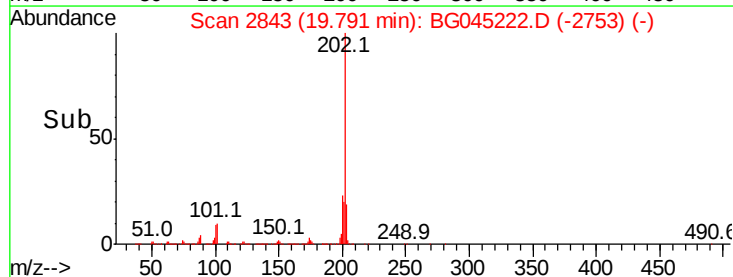
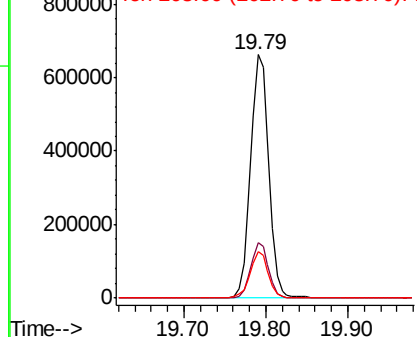
202 100

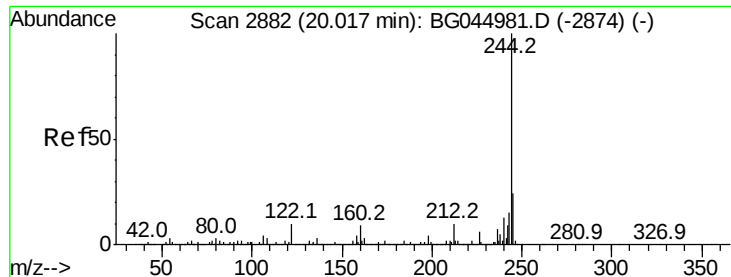
200 22.8 19.0 28.6

203 19.2 16.1 24.1



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: 72.517 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

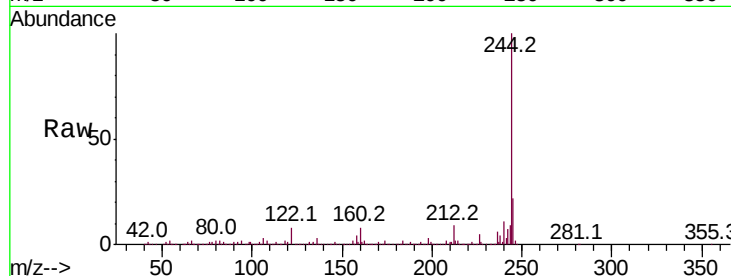
Tot Ion:244 Resp: 1578341

Ion Ratio Lower Upper

244 100

212 8.8 7.9 11.9

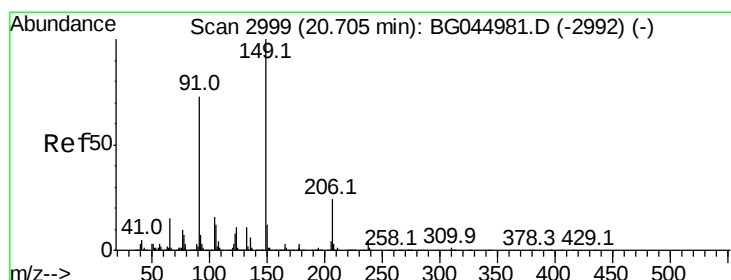
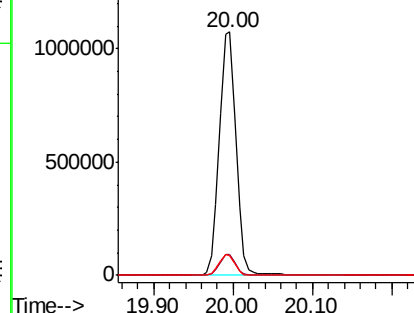
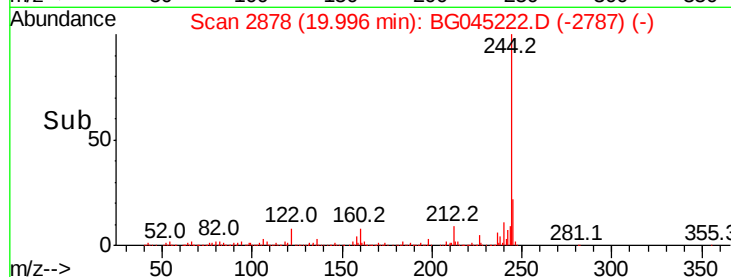
122 7.9 7.7 11.5



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: 30.148 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

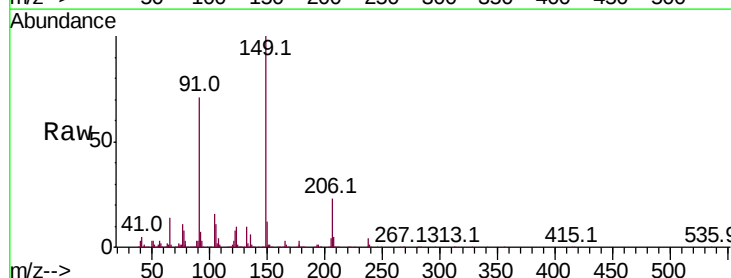
Tgt Ion:149 Resp: 408697

Ion Ratio Lower Upper

149 100

91 71.0 58.5 87.7

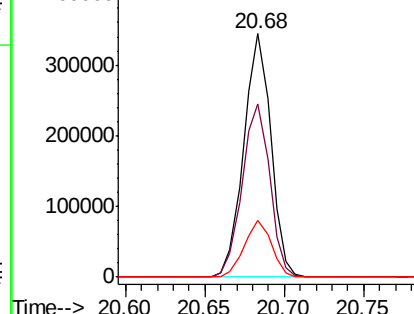
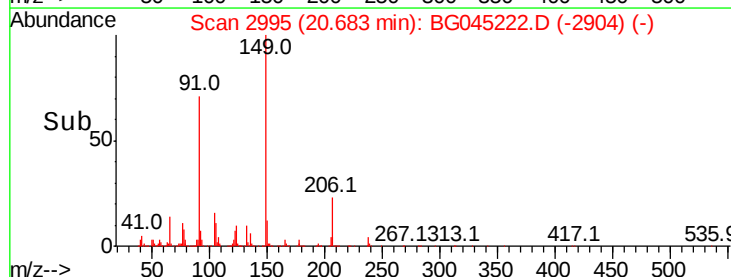
206 23.3 19.2 28.8

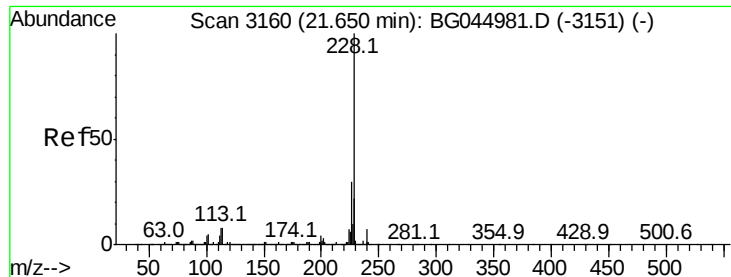


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.804 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

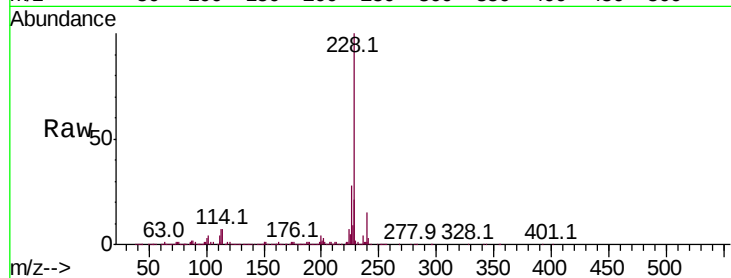
Tot Ion:228 Resp: 977856

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

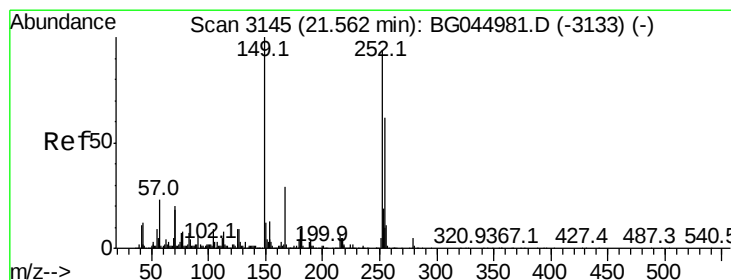
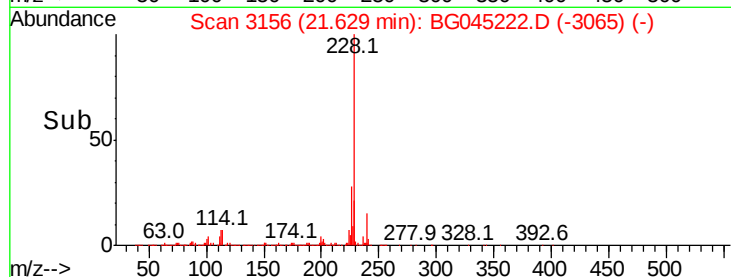
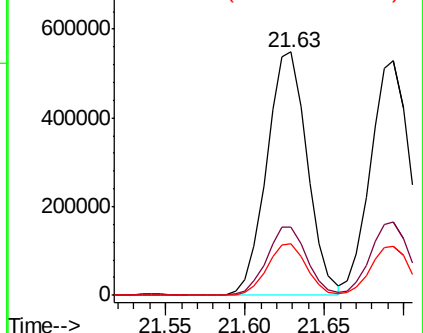
229 21.4 17.5 26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.748 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

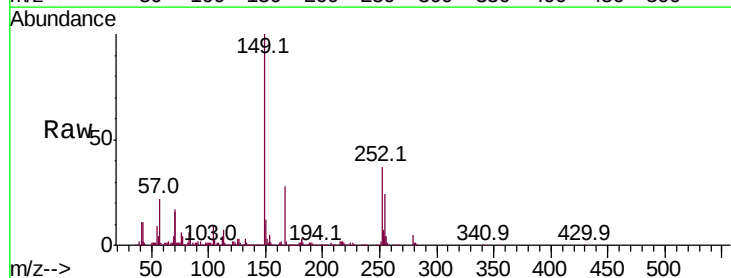
Tgt Ion:252 Resp: 253910

Ion Ratio Lower Upper

252 100

254 64.6 52.6 79.0

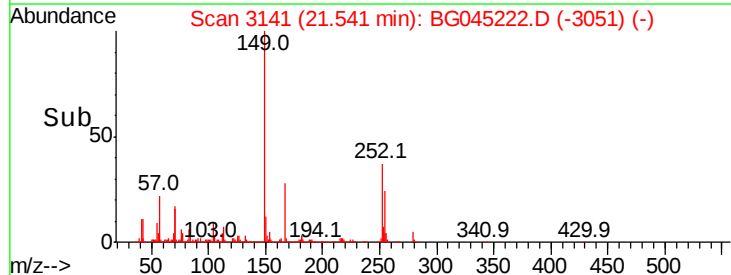
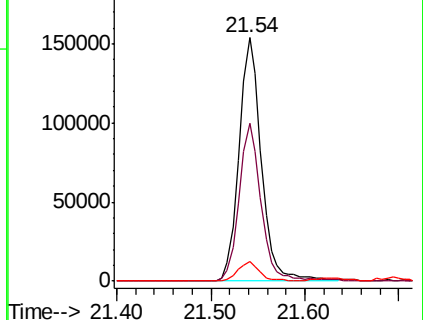
126 7.9 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 31.276 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

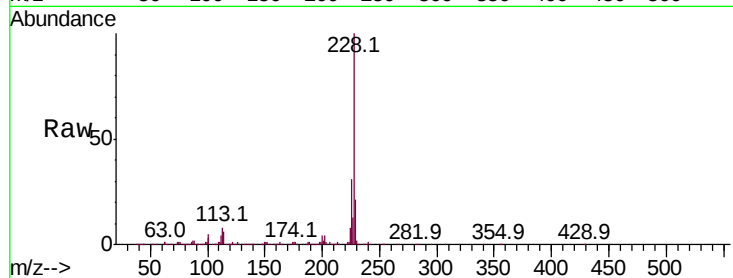
BNA\_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:228 Resp: 923969

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.1  | 26.2  | 39.4  |
| 229 | 20.8  | 17.0  | 25.6  |

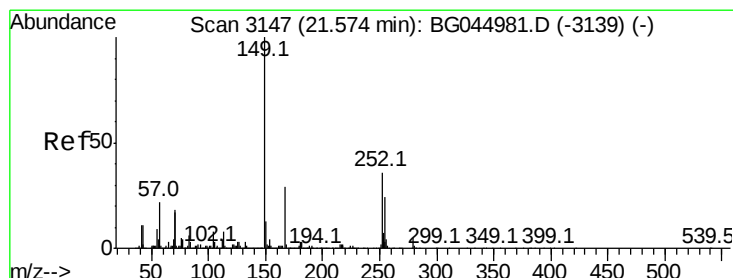
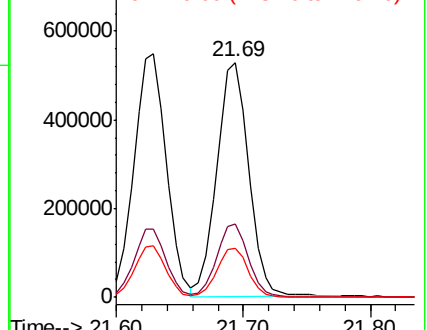
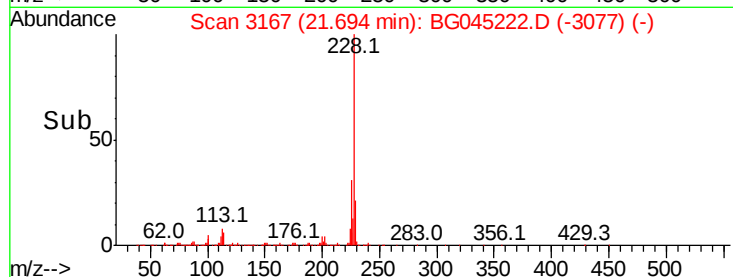


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.842 ng

RT: 21.54 min Scan# 3141

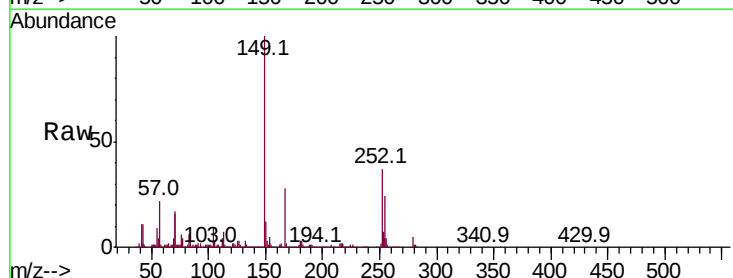
Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Tgt Ion:149 Resp: 575026

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.1  | 23.4  | 35.0  |
| 279 | 4.8   | 4.3   | 6.5   |

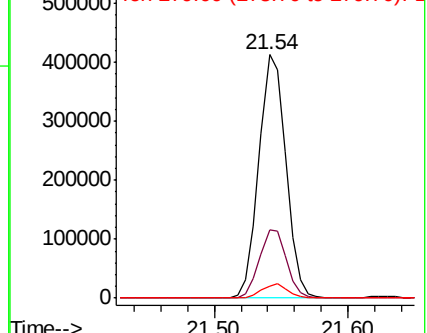
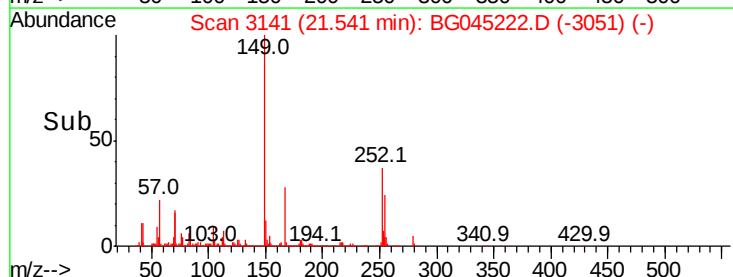


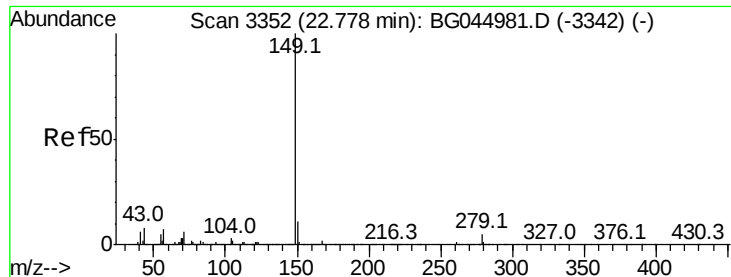
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 30.541 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

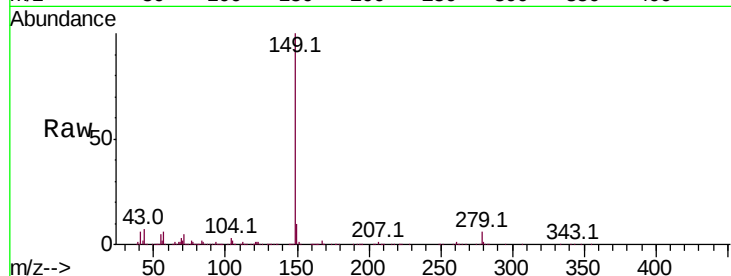
Tot Ion:149 Resp: 984682

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

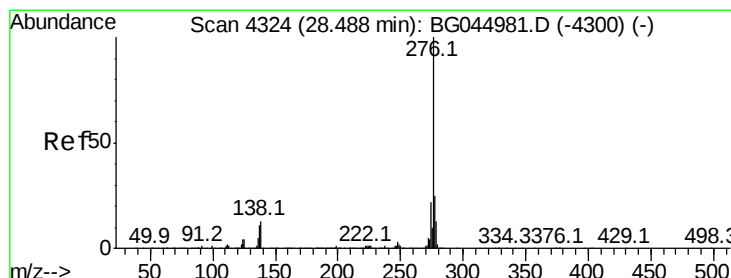
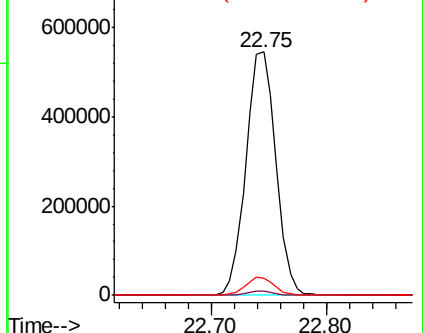
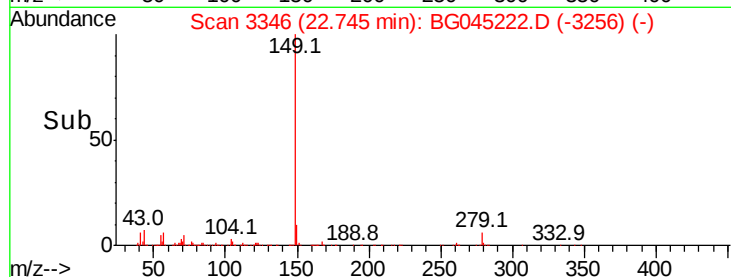
43 6.8 5.7 8.5



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: 31.461 ng

RT: 28.43 min Scan# 4313

Delta R.T. -0.02 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

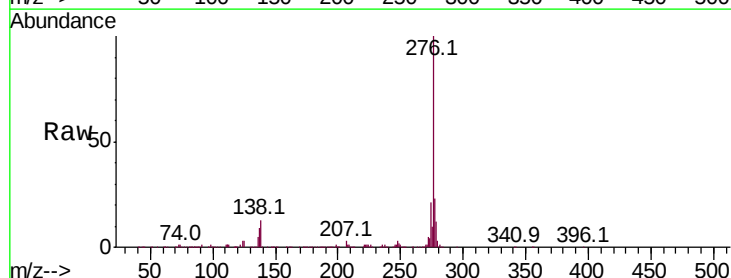
Tgt Ion:276 Resp: 1233983

Ion Ratio Lower Upper

276 100

138 10.6 9.6 14.4

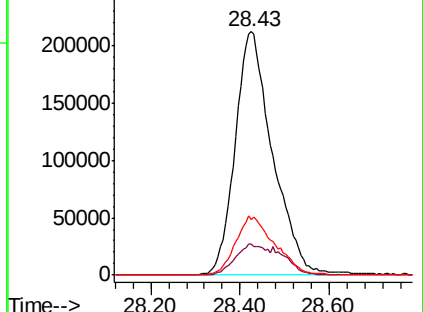
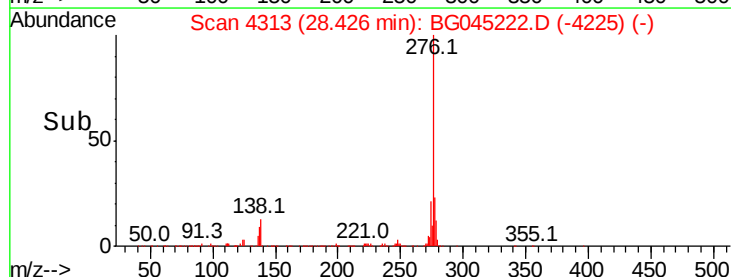
277 25.3 20.6 31.0

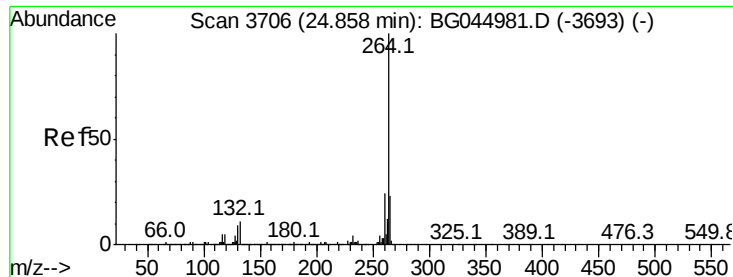


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

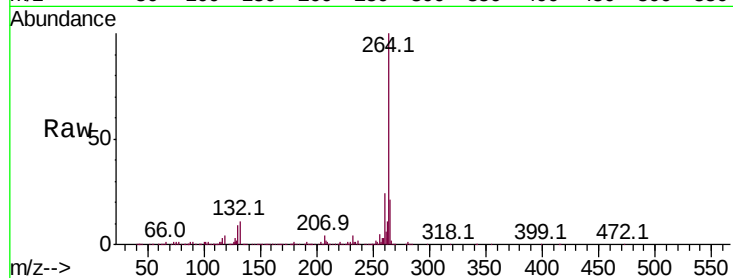
Tot Ion:264 Resp: 523754

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

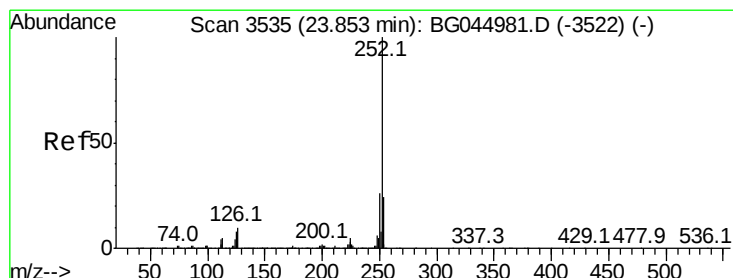
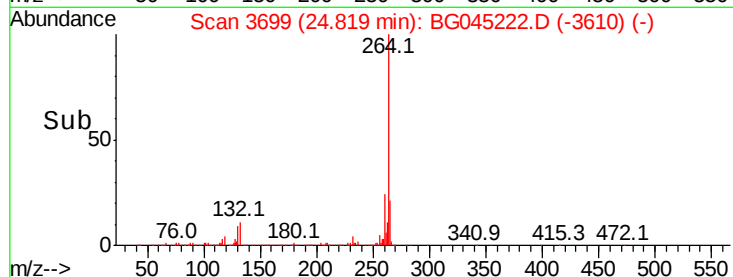
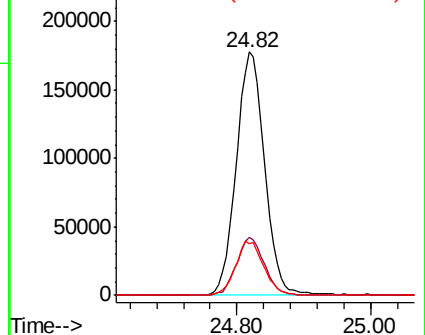
265 21.4 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 31.108 ng

RT: 23.89 min Scan# 3540

Delta R.T. 0.06 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

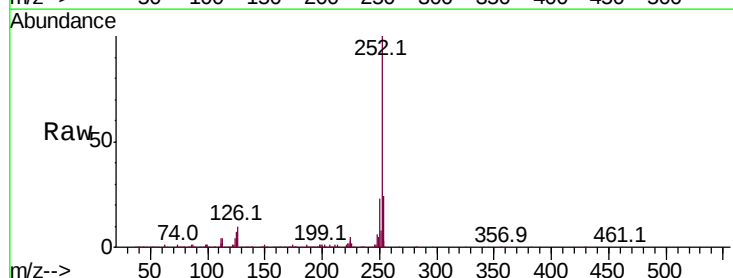
Tgt Ion:252 Resp: 1020569

Ion Ratio Lower Upper

252 100

253 24.0 18.8 28.2

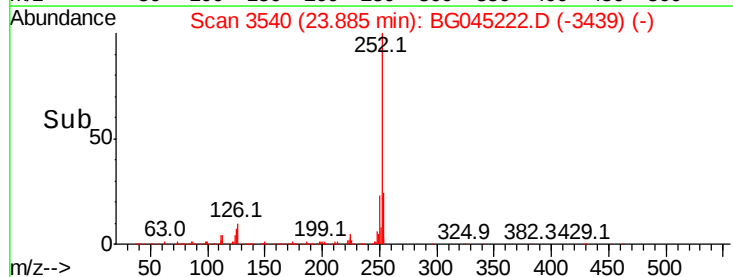
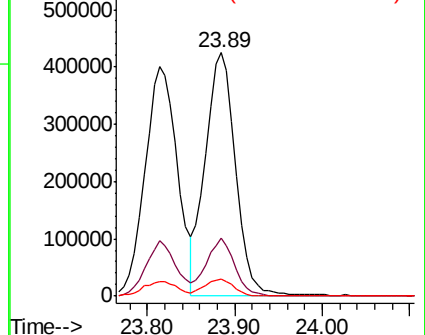
125 6.8 6.2 9.4

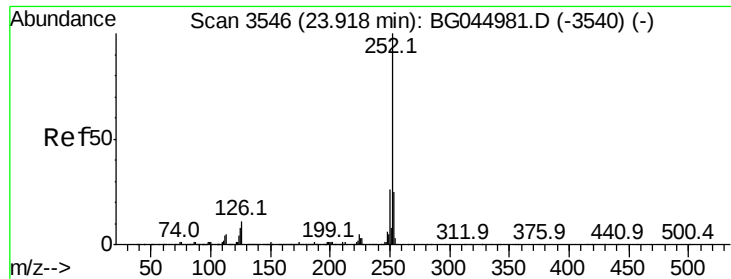


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 32.710 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

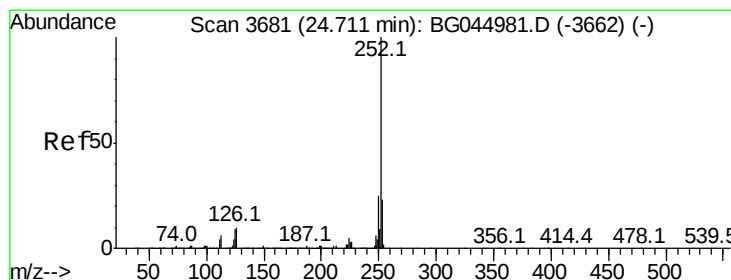
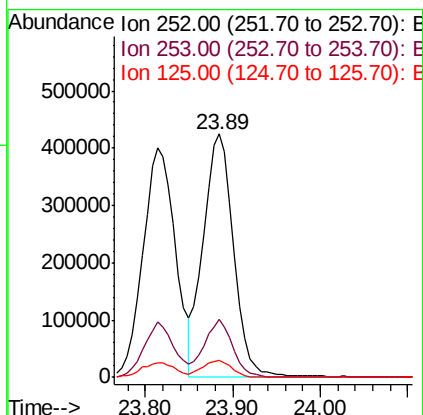
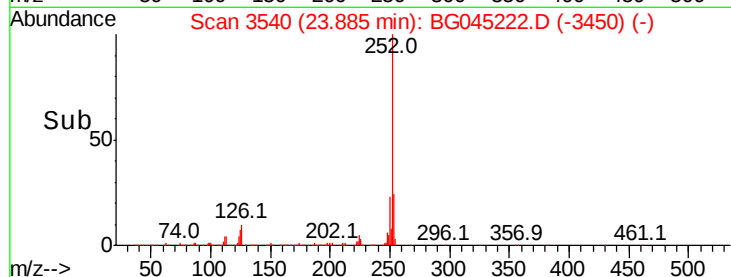
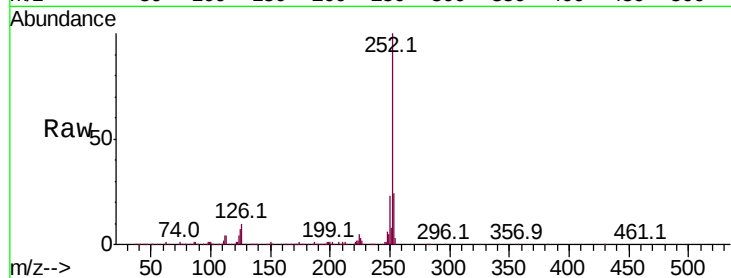
Tot Ion:252 Resp: 1020569

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

125 6.8 5.9 8.9



#90

Benzo(a)pyrene

Concen: 31.073 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

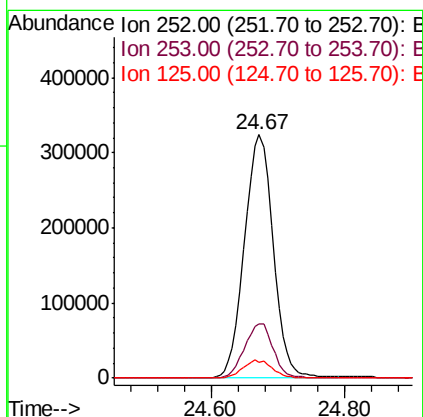
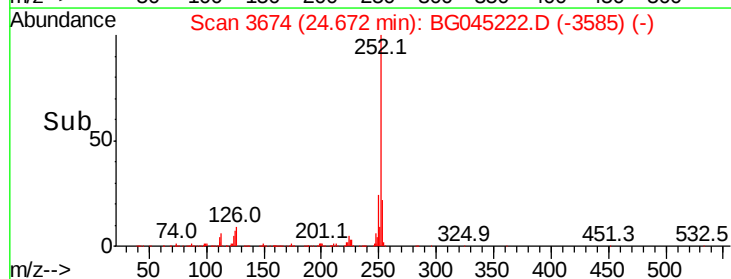
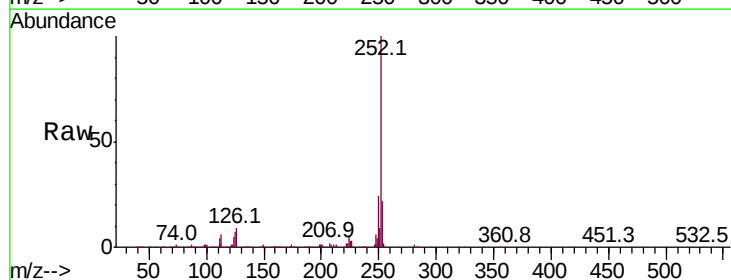
Tgt Ion:252 Resp: 962501

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 6.7 7.0 10.6#





#91

Dibenzo(a,h)anthracene

Concen: 32.176 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.02 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

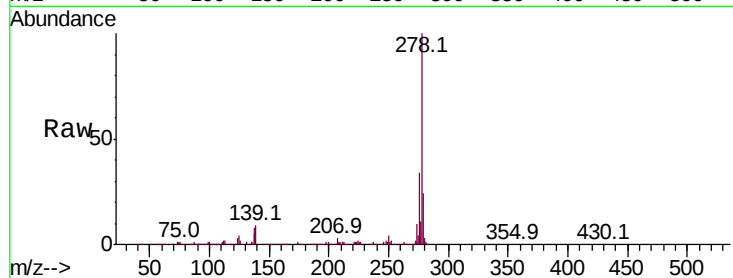
BNA\_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:278 Resp: 1004287

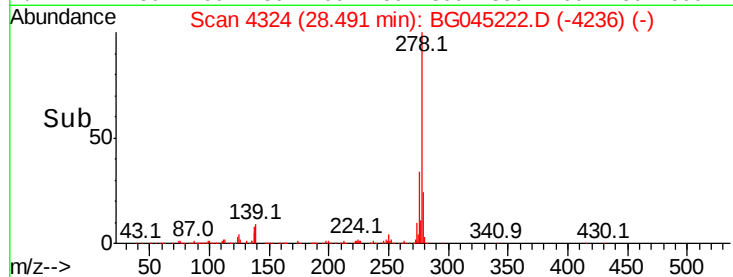
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 9.4   | 9.0   | 13.6  |
| 279 | 24.1  | 18.4  | 27.6  |



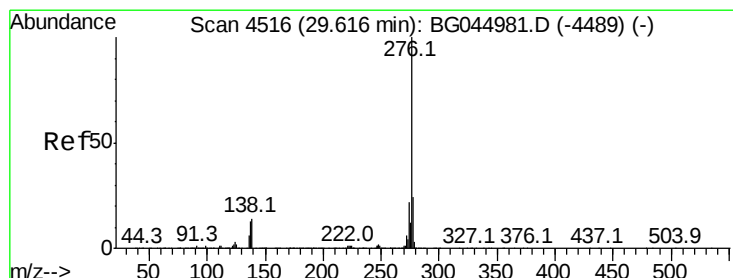
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 32.843 ng

RT: 29.55 min Scan# 4504

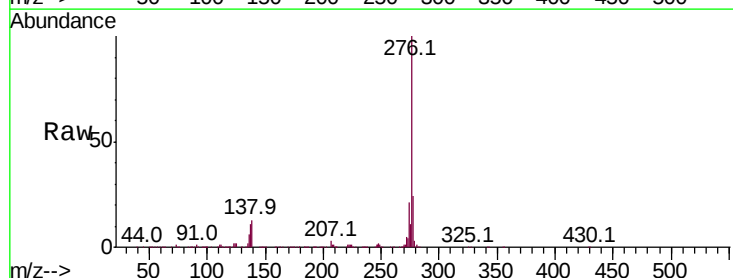
Delta R.T. -0.02 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Tgt Ion:276 Resp: 1027723

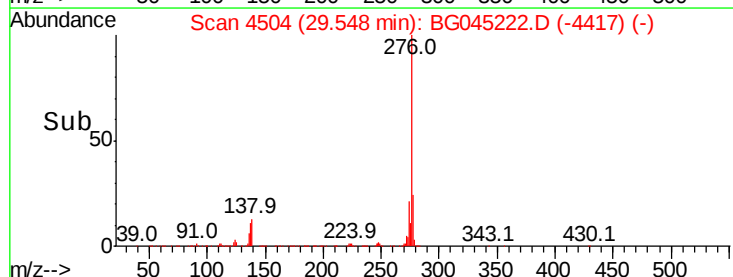
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.7  | 19.3  | 28.9  |
| 138 | 12.9  | 11.4  | 17.2  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->