

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG051319\  
 Data File : BG040924.D  
 Acq On : 13 May 2019 23:12  
 Operator : HP/JU  
 Sample : IDOC-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

Quant Time: May 14 01:51:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.13  | 152  | 127223   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.95 | 136  | 577755   | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 14.76 | 164  | 428823   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.50 | 188  | 1061257  | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12          | 21.79 | 240  | 1051780  | 20.00 | ng    | -0.04    |
| 87) Perylene-d12          | 25.14 | 264  | 1178315  | 20.00 | ng    | -0.06    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.66  | 112  | 945824   | 131.05 | ng    | -0.02    |
| 7) Phenol-d6                | 7.28  | 99   | 1351024  | 121.58 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.31  | 82   | 824330   | 65.93  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 16.25 | 330  | 781386   | 132.57 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.39 | 172  | 1814853  | 61.12  | ng    | -0.03    |
| 79) Terphenyl-d14           | 20.10 | 244  | 2853533  | 60.11  | ng    | -0.03    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88   | 36815    | 11.216 | ng    | 93     |
| 3) Pyridine                    | 3.93  | 79   | 105334   | 11.072 | ng    | 91     |
| 4) n-Nitrosodimethylamine      | 3.86  | 42   | 58174    | 11.024 | ng    | 90     |
| 6) Aniline                     | 7.46  | 93   | 131356   | 8.918  | ng    | 96     |
| 8) 2-Chlorophenol              | 7.69  | 128  | 129869   | 14.737 | ng    | 95     |
| 9) Benzaldehyde                | 7.27  | 77   | 63339    | 5.086  | ng    | 91     |
| 10) Phenol                     | 7.31  | 94   | 173029   | 14.485 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.55  | 93   | 110672   | 12.355 | ng    | 89     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146  | 126806   | 13.183 | ng    | 95     |
| 13) 1,4-Dichlorobenzene        | 8.17  | 146  | 129144   | 13.244 | ng    | 95     |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146  | 127099   | 13.516 | ng    | 96     |
| 15) Benzyl Alcohol             | 8.37  | 79   | 143420   | 12.404 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45   | 180824   | 10.139 | ng    | 94     |
| 17) 2-Methylphenol             | 8.56  | 107  | 122984   | 14.548 | ng    | 94     |
| 18) Hexachloroethane           | 9.21  | 117  | 50608    | 12.652 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.93  | 70   | 113253   | 11.322 | ng    | 93     |
| 20) 3+4-Methylphenols          | 8.89  | 107  | 169084   | 14.358 | ng    | 97     |
| 22) Acetophenone               | 8.96  | 105  | 211409   | 13.159 | ng    | # 92   |
| 24) Nitrobenzene               | 9.35  | 77   | 173029   | 12.970 | ng    | 97     |
| 25) Isophorone                 | 9.87  | 82   | 322867   | 11.592 | ng    | 98     |
| 26) 2-Nitrophenol              | 10.06 | 139  | 77722    | 16.253 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 10.10 | 122  | 140142   | 15.619 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.35 | 93   | 172827   | 12.368 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.59 | 162  | 156101   | 15.303 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.81 | 180  | 165196   | 14.604 | ng    | 99     |
| 31) Naphthalene                | 11.01 | 128  | 402572   | 13.116 | ng    | 99     |
| 32) Benzoic acid               | 10.23 | 122  | 98771    | 16.080 | ng    | 97     |
| 33) 4-Chloroaniline            | 11.11 | 127  | 99334    | 7.299  | ng    | 96     |
| 34) Hexachlorobutadiene        | 11.26 | 225  | 117106   | 14.023 | ng    | 96     |
| 35) Caprolactam                | 11.90 | 113  | 39297    | 9.758  | ng    | # 84   |
| 36) 4-Chloro-3-methylphenol    | 12.22 | 107  | 176686   | 13.730 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.60 | 142  | 309784   | 13.499 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.82 | 142  | 299953   | 13.372 | ng    | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.96 | 216  | 226022   | 14.149 | ng    | 99     |

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 Sample : IDOC-04  
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 ALS Vial : 15 Sample Multiplier: 1

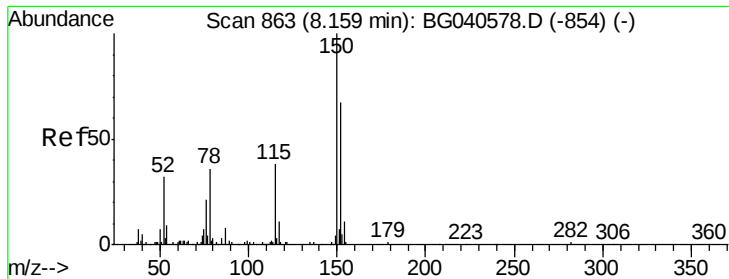
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

Quant Time: May 14 01:51:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.92 | 237  | 267139   | 28.339 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.19 | 196  | 151836   | 15.728 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.27 | 196  | 162950   | 15.495 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.60 | 154  | 420297   | 12.624 | ng    | 94       |
| 47) 2-Chloronaphthalene        | 13.64 | 162  | 347346   | 13.331 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.85 | 65   | 125815   | 13.565 | ng    | 89       |
| 49) Acenaphthylene             | 14.49 | 152  | 546853   | 12.370 | ng    | 100      |
| 50) Dimethylphthalate          | 14.21 | 163  | 484703   | 13.509 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.34 | 165  | 106101   | 15.152 | ng #  | 82       |
| 52) Acenaphthene               | 14.82 | 154  | 316939   | 12.311 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.67 | 138  | 79793    | 11.121 | ng #  | 89       |
| 54) 2,4-Dinitrophenol          | 14.87 | 184  | 96040    | 29.201 | ng    | 91       |
| 55) Dibenzofuran               | 15.16 | 168  | 555675   | 13.178 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.97 | 139  | 168628   | 27.105 | ng #  | 85       |
| 57) 2,4-Dinitrotoluene         | 15.12 | 165  | 148981   | 15.657 | ng    | 88       |
| 58) Fluorene                   | 15.81 | 166  | 448334   | 13.154 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.38 | 232  | 169696   | 16.032 | ng    | 95       |
| 60) Diethylphthalate           | 15.56 | 149  | 496440   | 13.114 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.79 | 204  | 280372   | 14.144 | ng    | 95       |
| 62) 4-Nitroaniline             | 15.83 | 138  | 102975   | 12.830 | ng    | 86       |
| 63) Azobenzene                 | 16.08 | 77   | 447707   | 11.484 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.88 | 198  | 78853    | 19.950 | ng    | 82       |
| 66) n-Nitrosodiphenylamine     | 16.01 | 169  | 416352   | 13.335 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.69 | 248  | 185930   | 14.062 | ng #  | 92       |
| 68) Hexachlorobenzene          | 16.80 | 284  | 198802   | 14.541 | ng    | 94       |
| 69) Atrazine                   | 16.95 | 200  | 171649   | 13.876 | ng    | 96       |
| 70) Pentachlorophenol          | 17.15 | 266  | 250369   | 31.296 | ng    | 98       |
| 71) Phenanthrene               | 17.55 | 178  | 765615   | 13.394 | ng    | 99       |
| 72) Anthracene                 | 17.64 | 178  | 789332   | 13.738 | ng    | 99       |
| 73) Carbazole                  | 17.91 | 167  | 688167   | 13.146 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.44 | 149  | 832670   | 13.179 | ng    | 99       |
| 75) Fluoranthene               | 19.55 | 202  | 997993   | 14.010 | ng    | 98       |
| 77) Benzidine                  | 19.73 | 184  | 299213   | 10.390 | ng    | 98       |
| 78) Pyrene                     | 19.91 | 202  | 996855   | 15.122 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.78 | 149  | 378619   | 14.736 | ng    | 91       |
| 81) Benzo(a)anthracene         | 21.77 | 228  | 975691   | 14.678 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.68 | 252  | 258022   | 10.890 | ng    | 98       |
| 83) Chrysene                   | 21.83 | 228  | 960114   | 15.187 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 533183   | 14.376 | ng    | 95       |
| 85) Di-n-octyl phthalate       | 22.89 | 149  | 915357   | 14.655 | ng    | 95       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.97 | 276  | 1180197  | 15.441 | ng #  | 90       |
| 88) Benzo(b)fluoranthene       | 24.05 | 252  | 1007137  | 13.987 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.05 | 252  | 1007137  | 14.977 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.97 | 252  | 975739   | 14.316 | ng #  | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.04 | 278  | 969739   | 14.059 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.19 | 276  | 979737   | 14.272 | ng    | 99       |

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



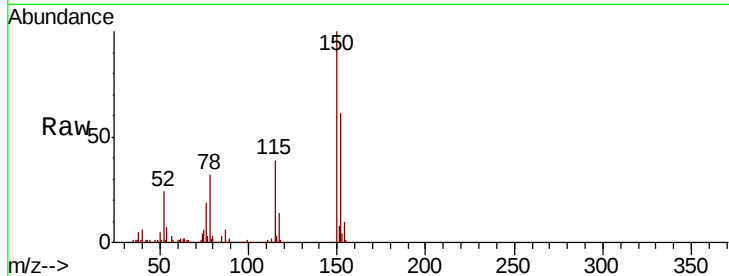


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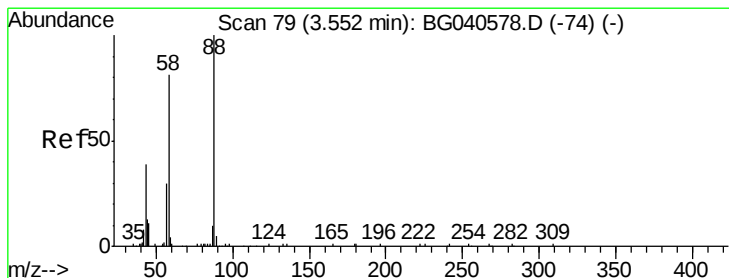
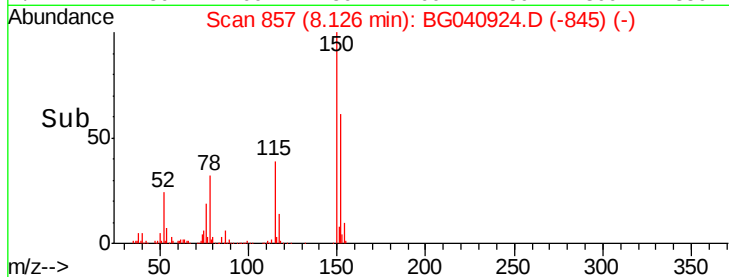
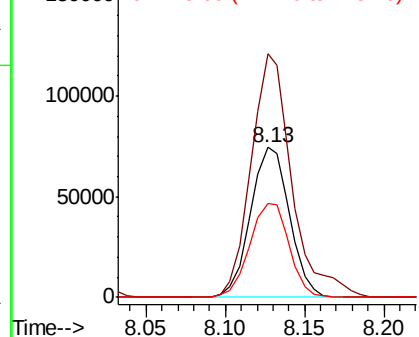
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.13 min Scan# 857  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

Tgt Ion:152 Resp: 127223  
 Ion Ratio Lower Upper  
 152 100  
 150 162.7 120.2 180.2  
 115 62.7 46.2 69.2



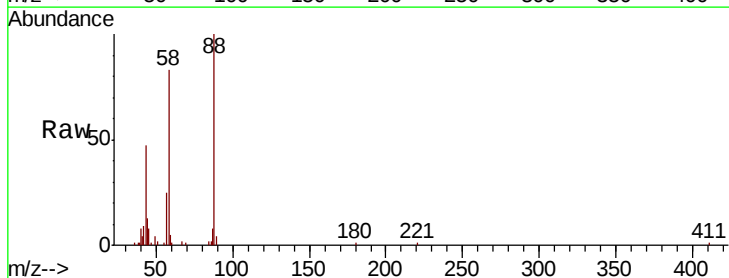
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



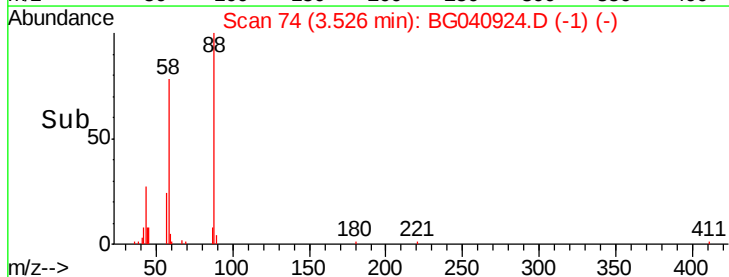
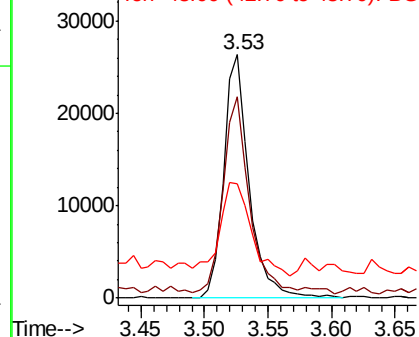
#2

1,4-Dioxane  
 Concen: 11.216 ng  
 RT: 3.53 min Scan# 74  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

Tgt Ion: 88 Resp: 36815  
 Ion Ratio Lower Upper  
 88 100  
 58 81.8 71.2 106.8  
 43 48.5 35.6 53.4



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

Pyridine

Concen: 11.072 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.04 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

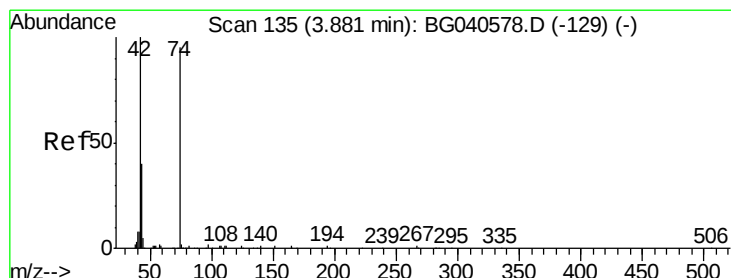
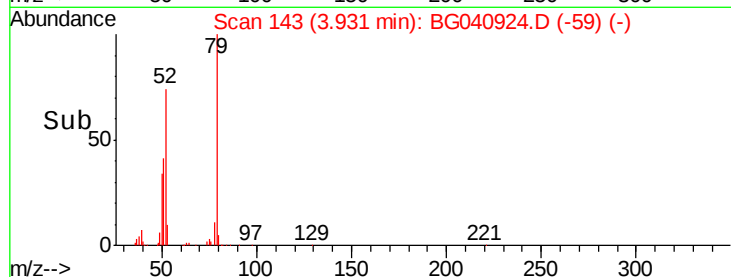
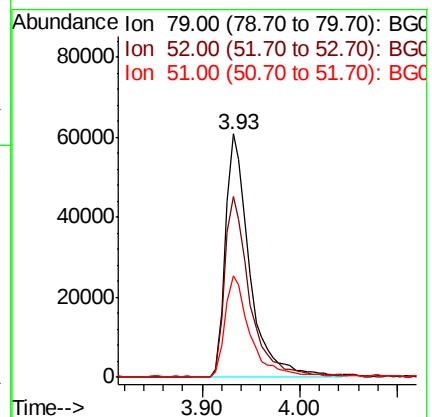
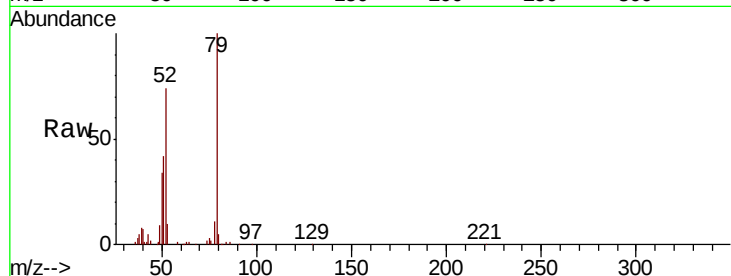
Tgt Ion: 79 Resp: 105334

Ion Ratio Lower Upper

79 100

52 74.1 67.5 101.3

51 42.0 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 11.024 ng

RT: 3.86 min Scan# 130

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

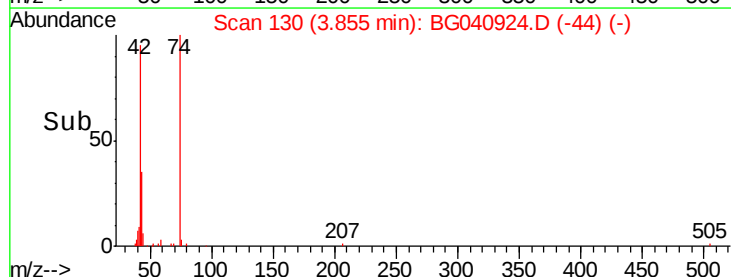
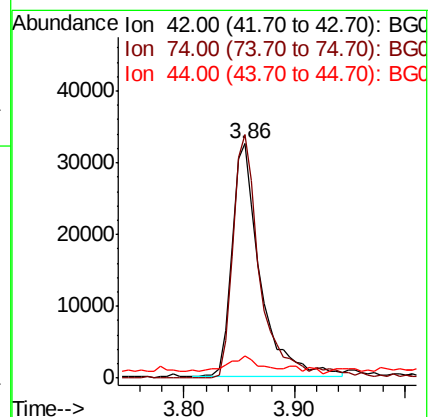
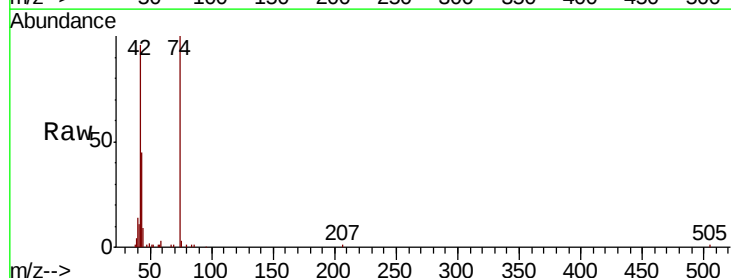
Tgt Ion: 42 Resp: 58174

Ion Ratio Lower Upper

42 100

74 103.8 74.6 111.8

44 9.2 7.4 11.0





#5

2-Fluorophenol

Concen: 131.051 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.02 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

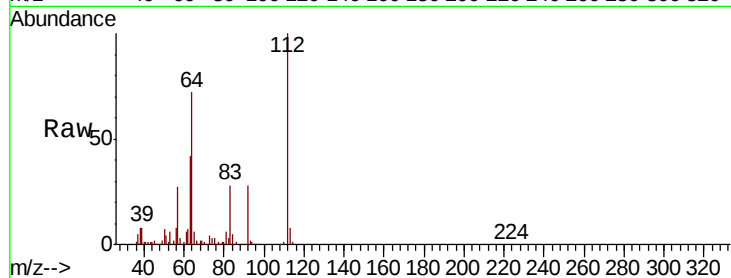
Tgt Ion:112 Resp: 945824

Ion Ratio Lower Upper

112 100

64 72.3 61.4 92.0

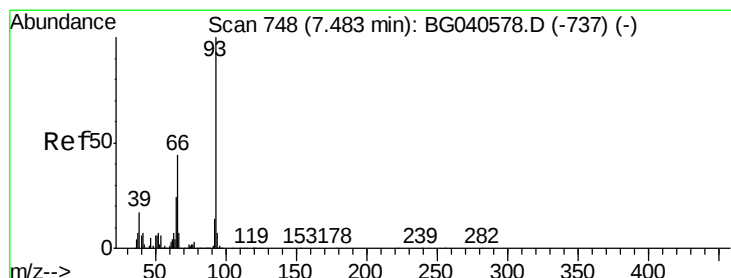
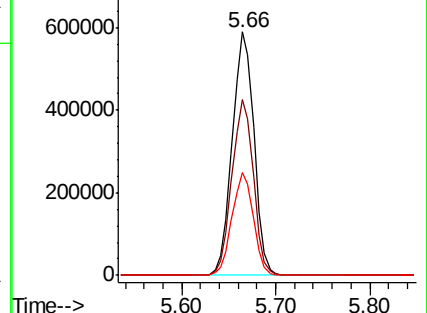
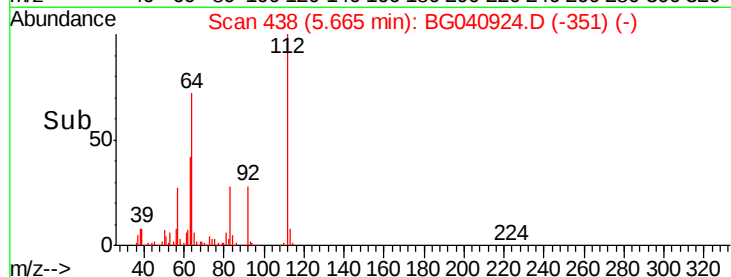
63 42.0 37.8 56.6



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: 8.918 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

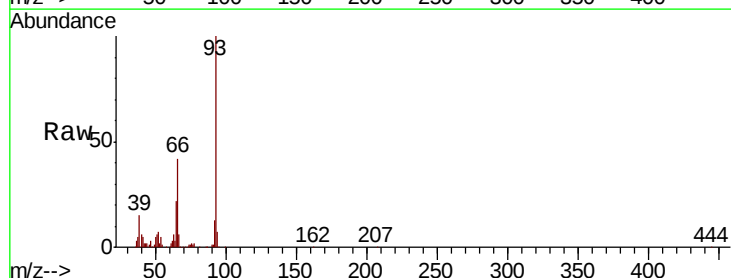
Tgt Ion: 93 Resp: 131356

Ion Ratio Lower Upper

93 100

66 41.6 35.5 53.3

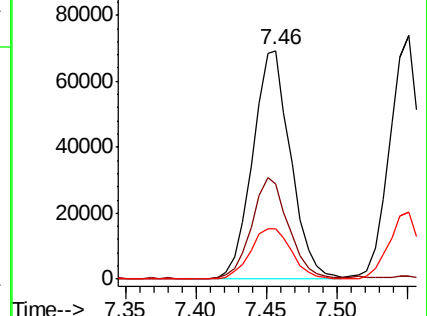
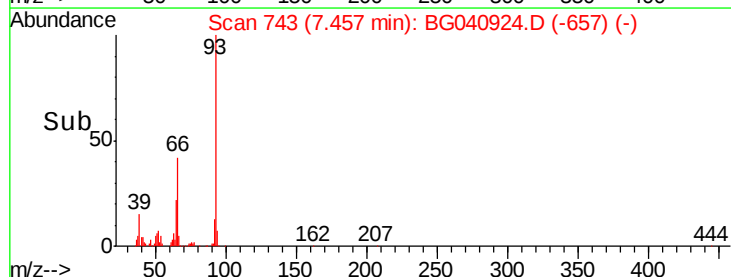
65 21.8 19.2 28.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.577 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040924.D

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ClientSampleId :

IDOC-04

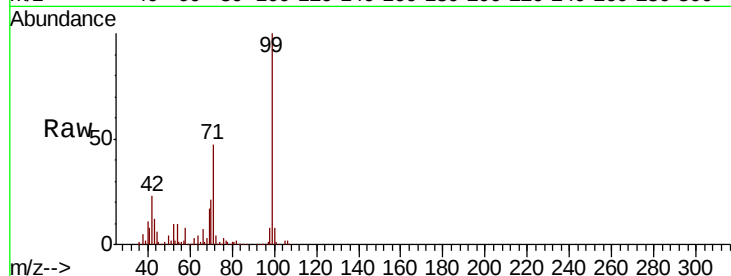
Tgt Ion: 99 Resp: 1351024

Ion Ratio Lower Upper

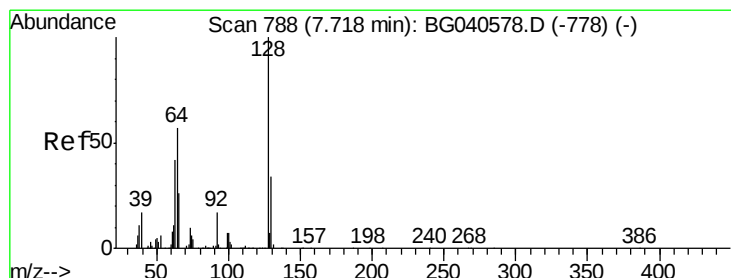
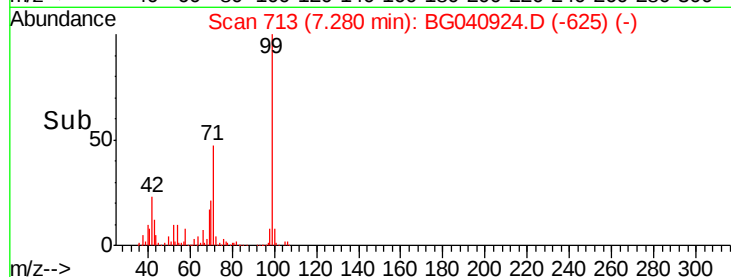
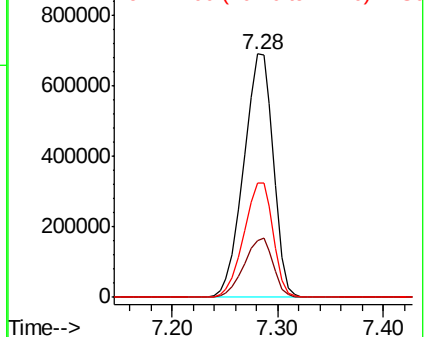
99 100

42 23.5 21.8 32.8

71 47.0 38.6 57.8



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: 14.737 ng

RT: 7.69 min Scan# 783

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

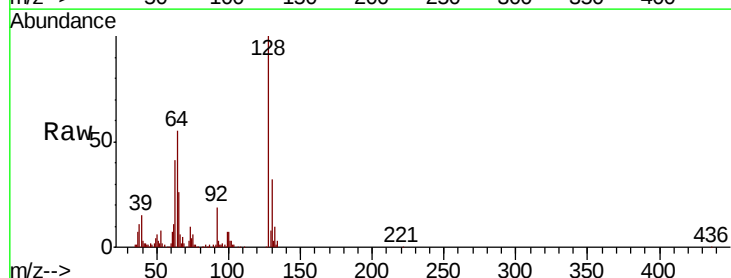
Tgt Ion: 128 Resp: 129869

Ion Ratio Lower Upper

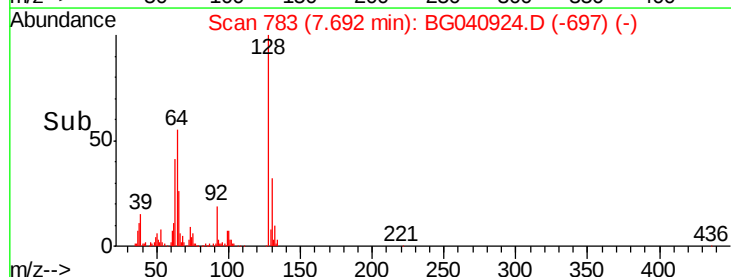
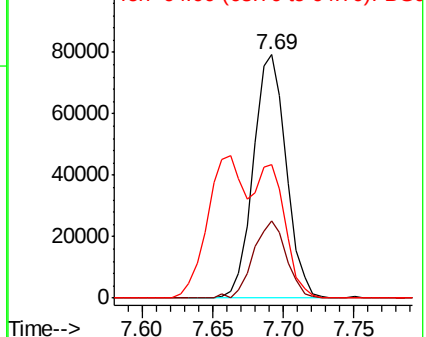
128 100

130 31.9 14.5 54.5

64 54.8 38.4 78.4



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: 5.086 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

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Instrument :

BNA\_G

ClientSampleId :

IDOC-04

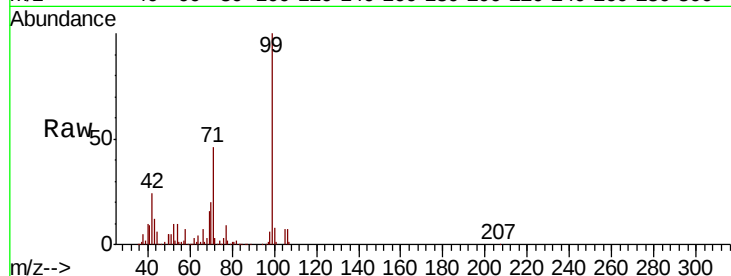
Tgt Ion: 77 Resp: 63339

Ion Ratio Lower Upper

77 100

105 79.3 72.0 112.0

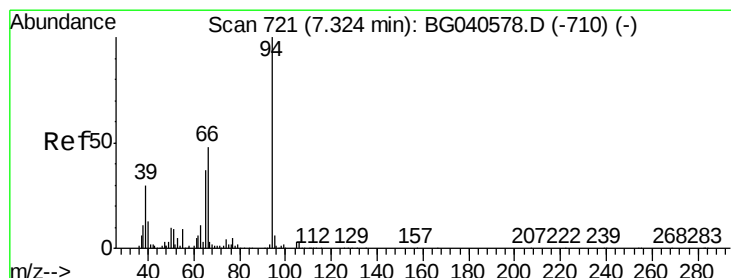
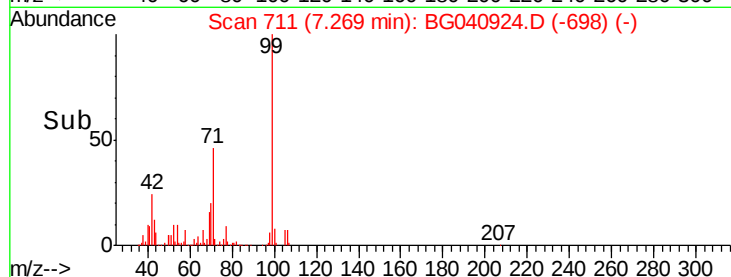
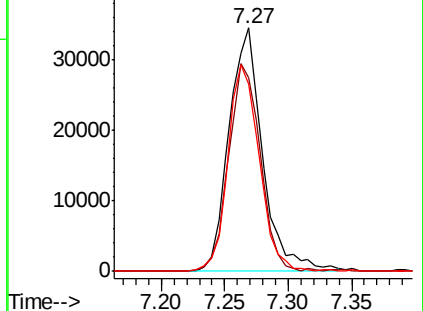
106 76.9 61.2 101.2



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: 14.485 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

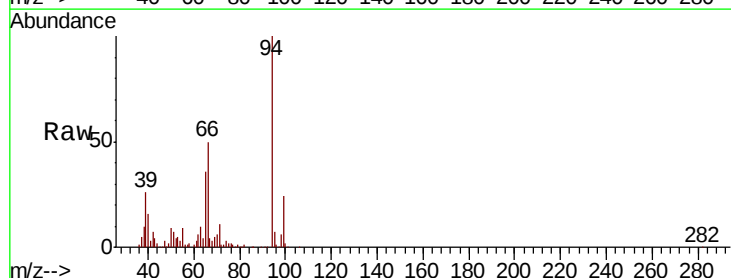
Tgt Ion: 94 Resp: 173029

Ion Ratio Lower Upper

94 100

65 36.2 17.0 57.0

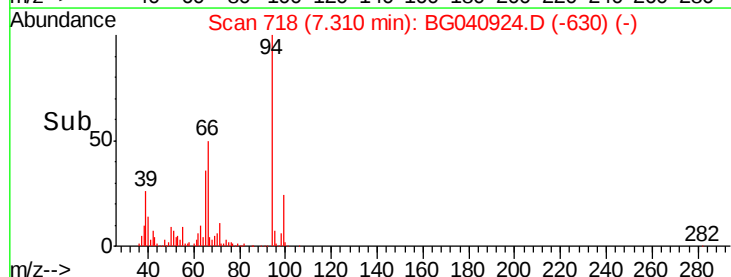
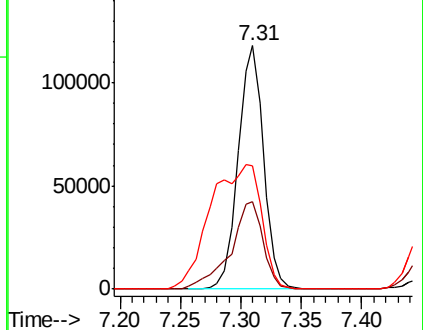
66 50.5 28.6 68.6

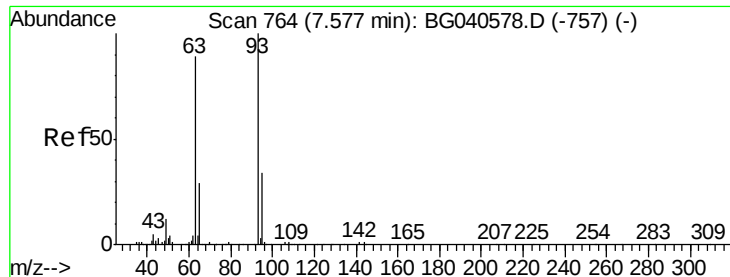


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

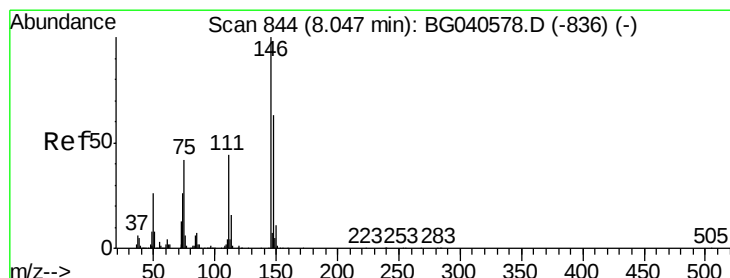
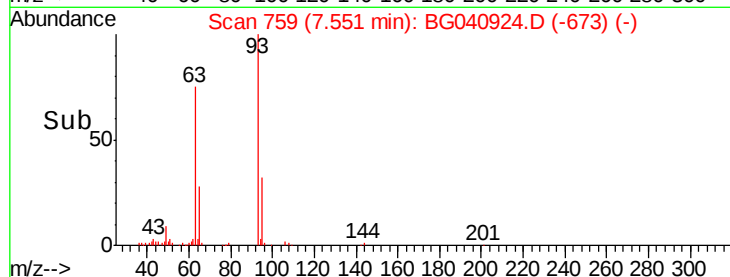
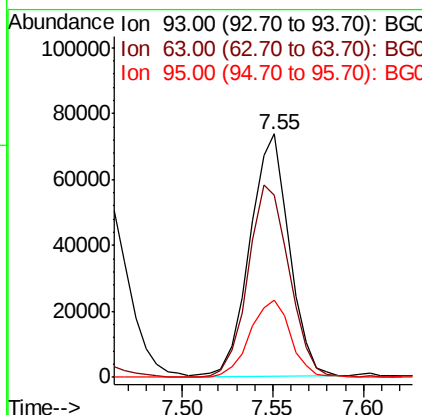
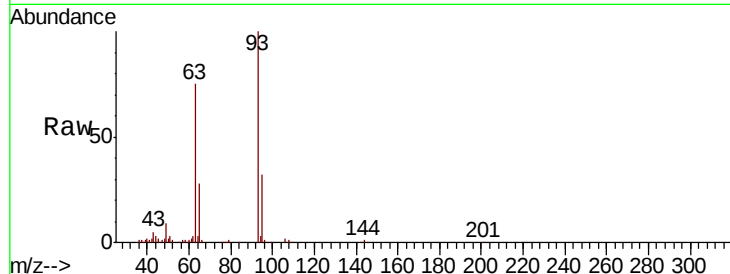




#11  
 bis(2-Chloroethyl)ether  
 Concen: 12.355 ng  
 RT: 7.55 min Scan# 759  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

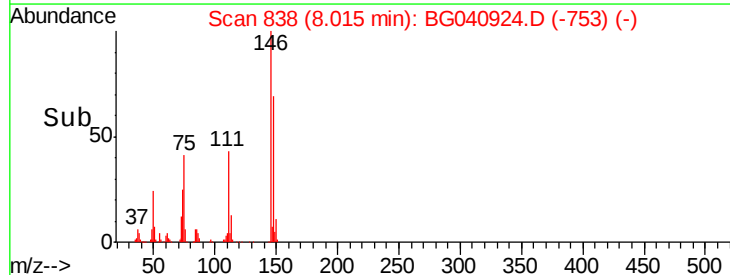
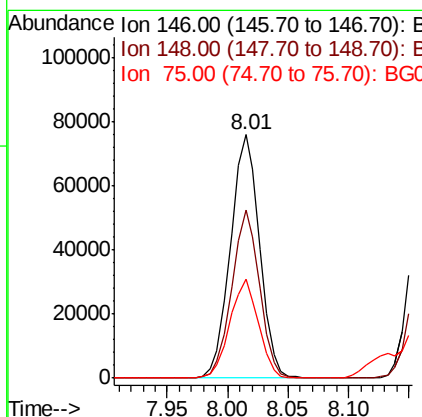
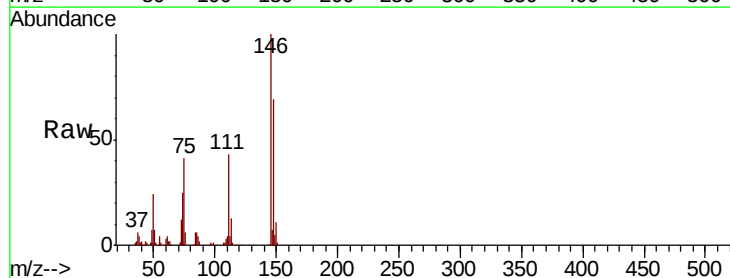
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

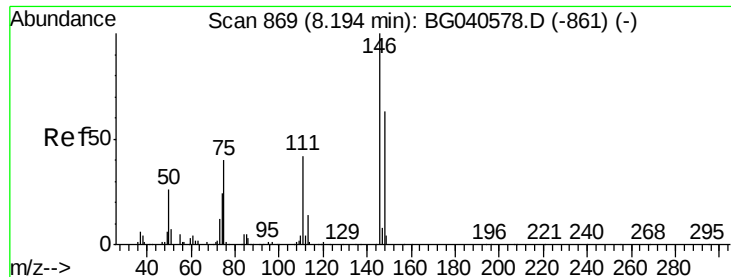
Tgt Ion: 93 Resp: 110672  
 Ion Ratio Lower Upper  
 93 100  
 63 75.1 68.2 108.2  
 95 31.6 14.3 54.3



#12  
 1,3-Dichlorobenzene  
 Concen: 13.183 ng  
 RT: 8.01 min Scan# 838  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

Tgt Ion: 146 Resp: 126806  
 Ion Ratio Lower Upper  
 146 100  
 148 69.2 50.7 76.1  
 75 40.7 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 13.244 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

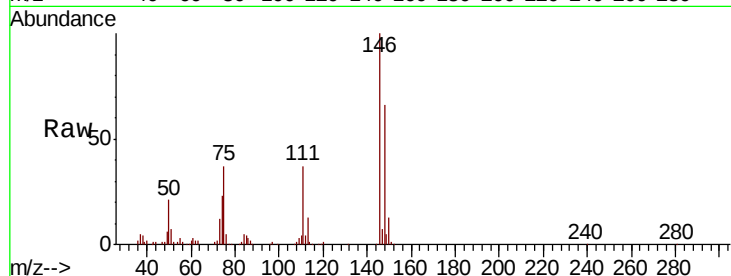
Tgt Ion:146 Resp: 129144

Ion Ratio Lower Upper

146 100

148 65.5 50.6 75.8

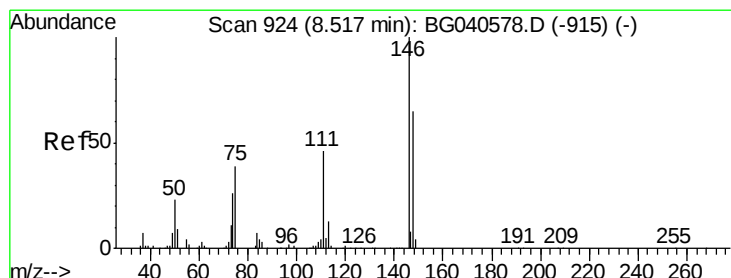
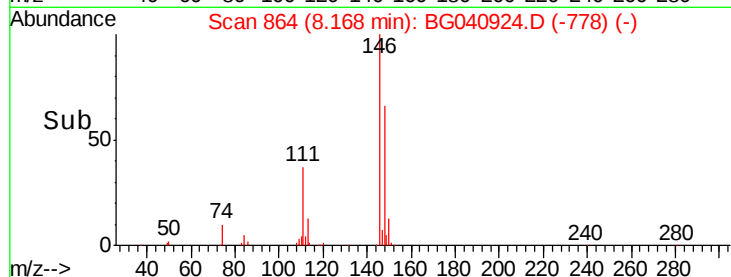
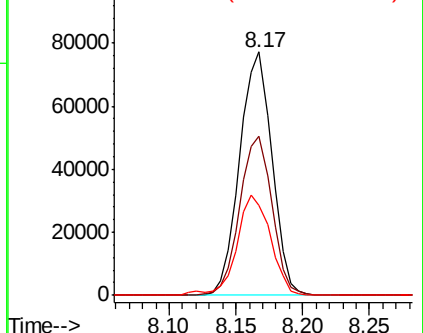
111 37.1 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.516 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

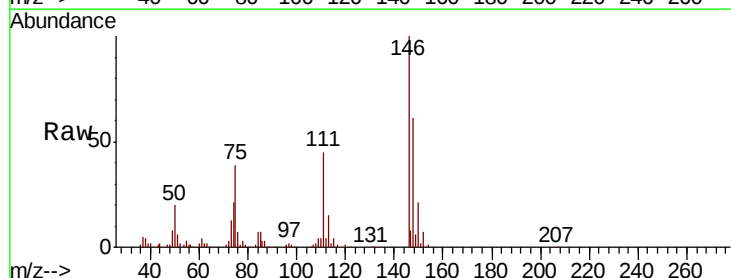
Tgt Ion:146 Resp: 127099

Ion Ratio Lower Upper

146 100

148 60.9 52.2 78.4

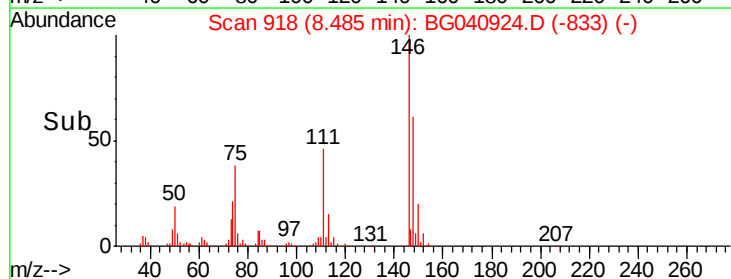
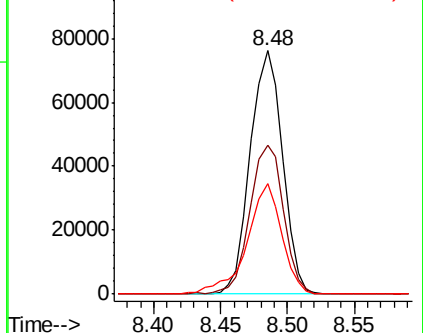
111 45.2 37.4 56.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 12.404 ng

RT: 8.37 min Scan# 898

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

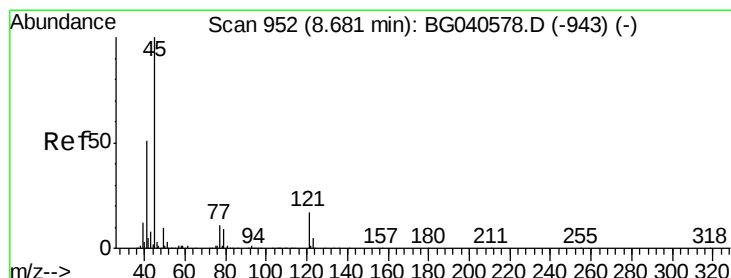
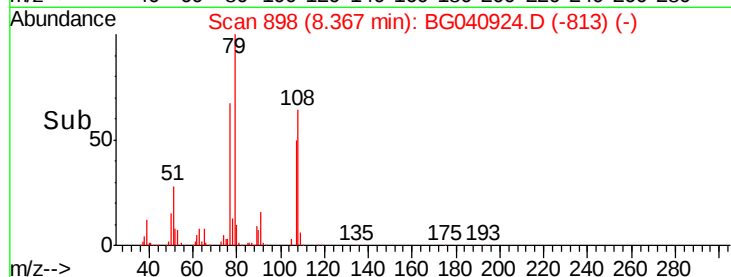
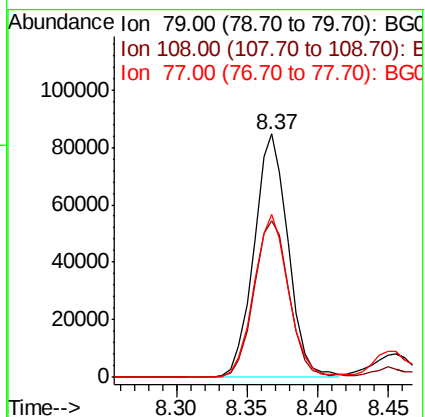
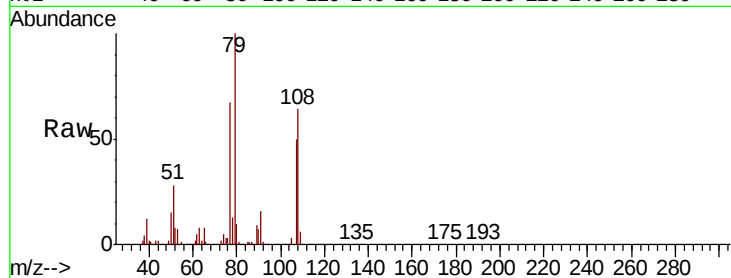
Tgt Ion: 79 Resp: 143420

Ion Ratio Lower Upper

79 100

108 64.3 51.4 77.0

77 67.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.139 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

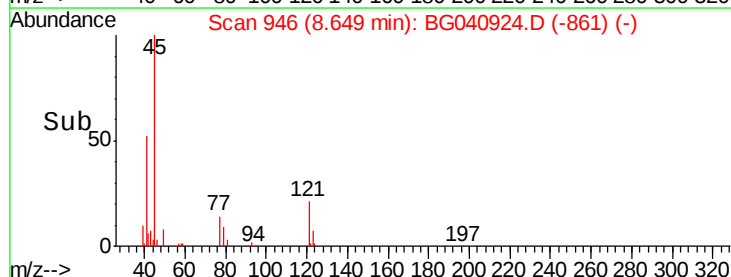
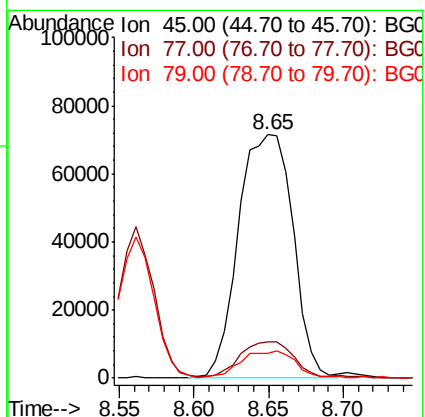
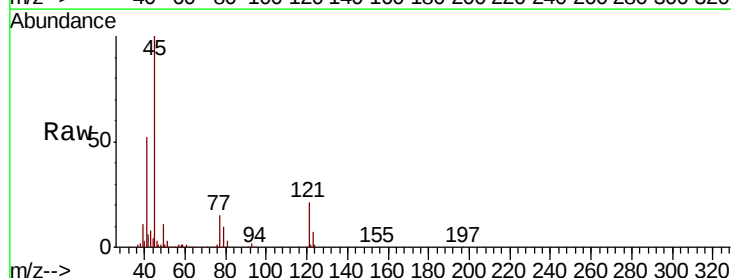
Tgt Ion: 45 Resp: 180824

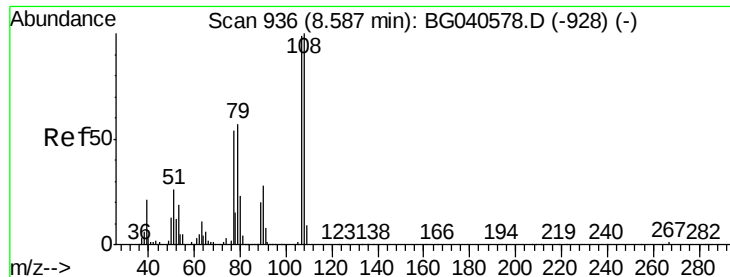
Ion Ratio Lower Upper

45 100

77 14.9 0.0 31.5

79 10.1 0.0 29.4

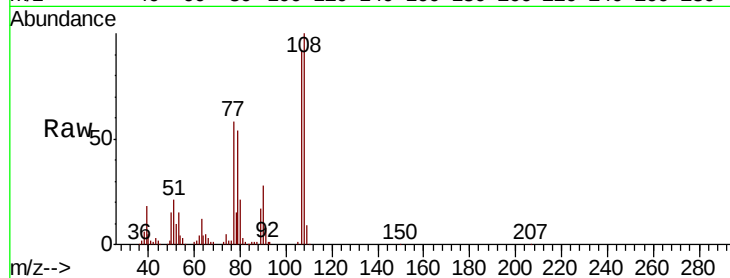




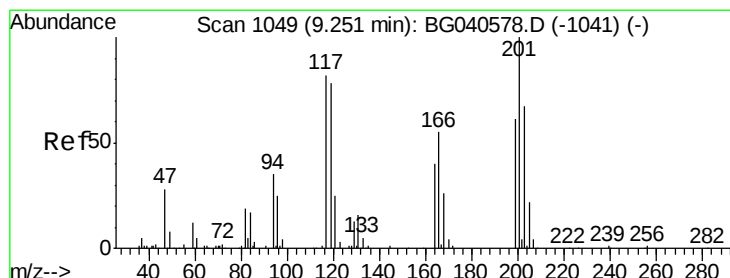
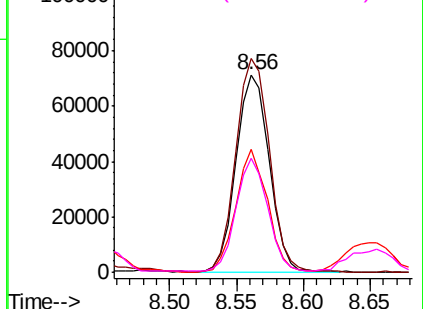
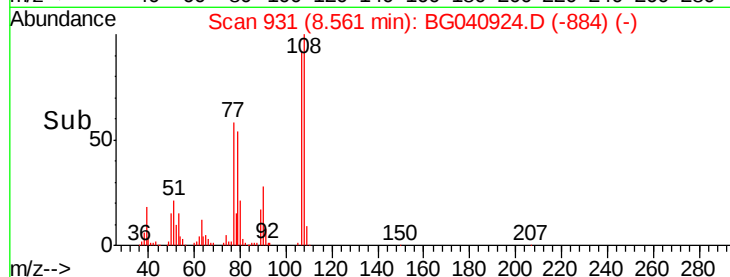
#17  
2-Methylphenol  
Concen: 14.548 ng  
RT: 8.56 min Scan# 931  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 122984 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.2 | 81.2  | 121.8  |
| 77       | 62.3  | 44.4  | 66.6   |
| 79       | 58.0  | 47.0  | 70.4   |

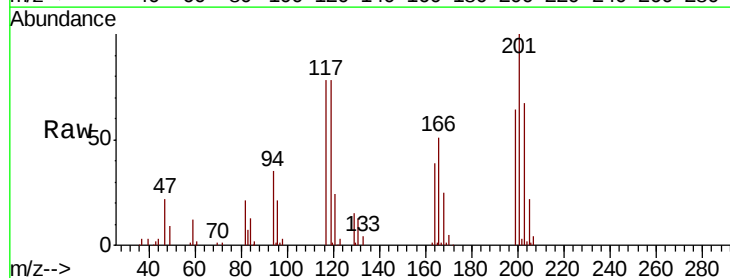


Abundance Ion 107.00 (106.70 to 107.70): E  
120000  
Ion 108.00 (107.70 to 108.70): E  
100000  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

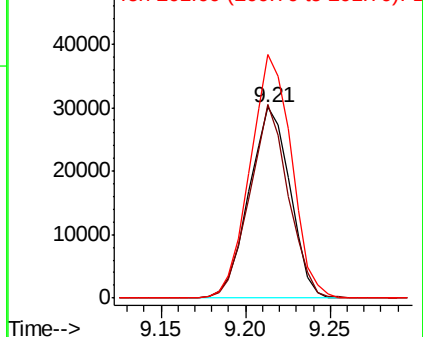
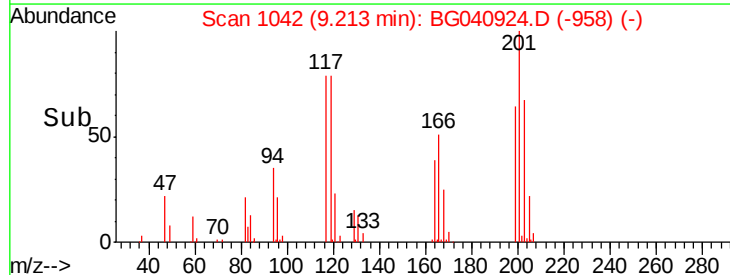


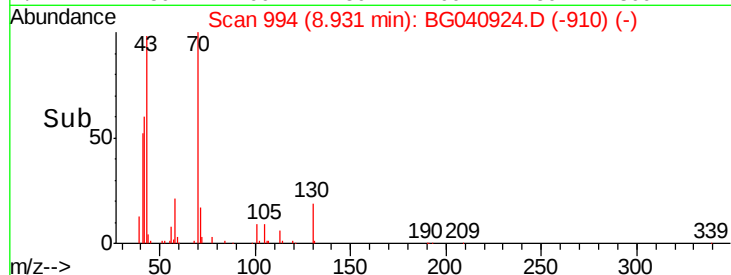
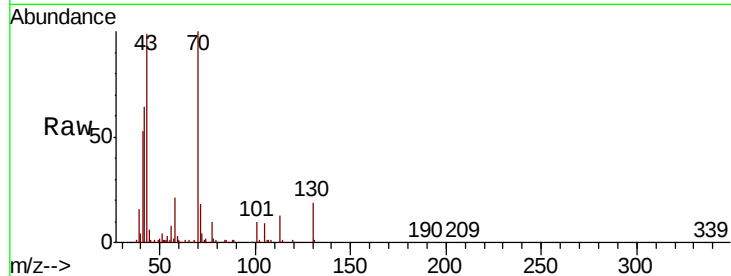
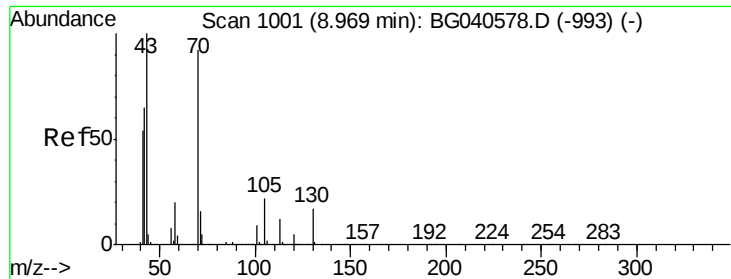
#18  
Hexachloroethane  
Concen: 12.652 ng  
RT: 9.21 min Scan# 1042  
Delta R.T. -0.04 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 50608 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 101.7 | 76.6  | 114.8 |
| 201      | 127.6 | 101.0 | 151.6 |



Abundance Ion 117.00 (116.70 to 117.70): E  
50000  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

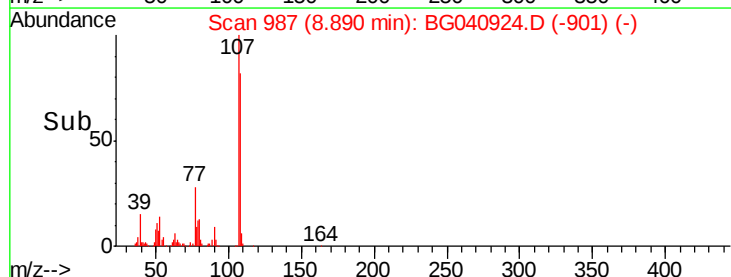
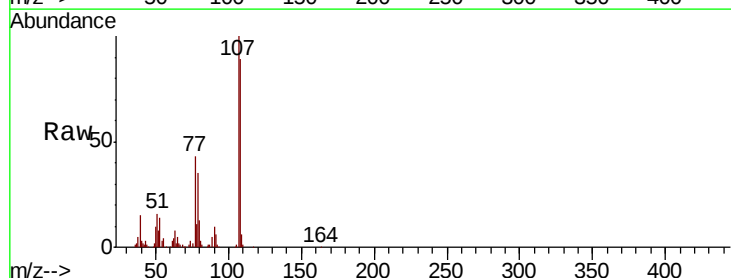
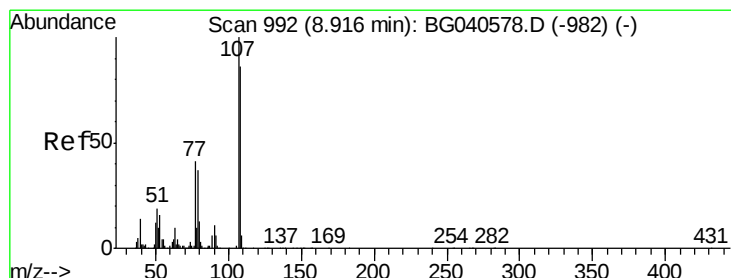
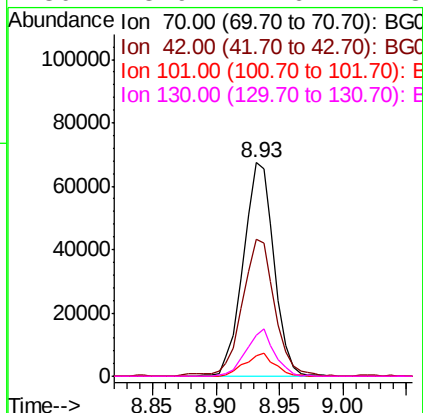




#19  
n-Nitroso-di-n-propylamine  
Concen: 11.322 ng  
RT: 8.93 min Scan# 994  
Delta R.T. -0.04 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

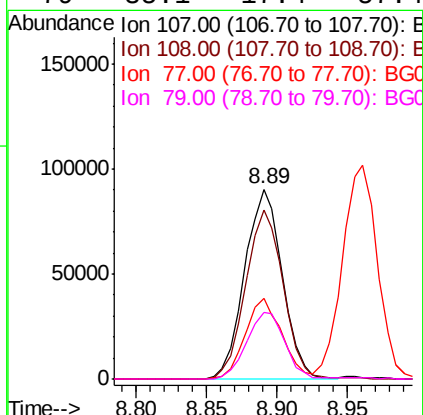
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

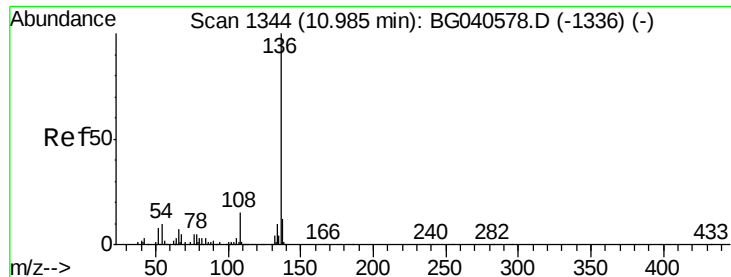
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 113253 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 63.9  | 57.1  | 85.7   |
| 101      | 9.6   | 7.8   | 11.8   |
| 130      | 18.9  | 14.6  | 21.8   |



#20  
3+4-Methylphenols  
Concen: 14.358 ng  
RT: 8.89 min Scan# 987  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 169084 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.8  | 66.1  | 106.1  |
| 77       | 42.6  | 21.6  | 61.6   |
| 79       | 35.1  | 17.4  | 57.4   |

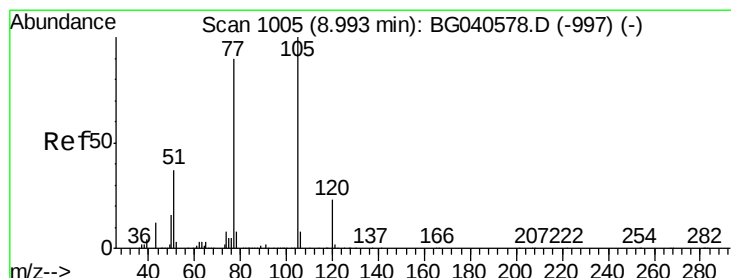
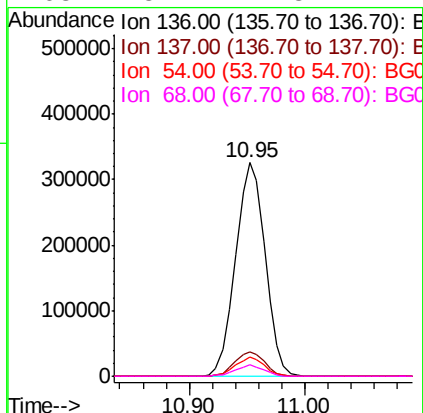
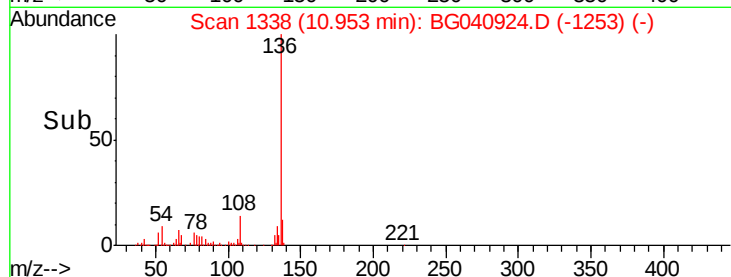
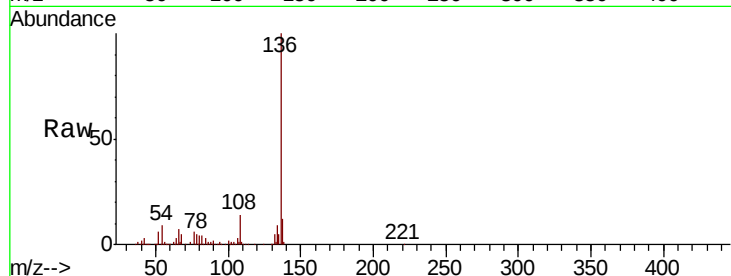




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.95 min Scan# 1338  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

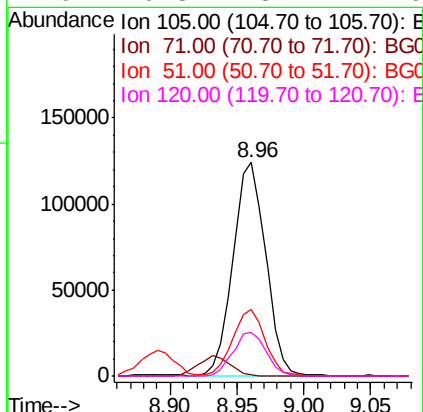
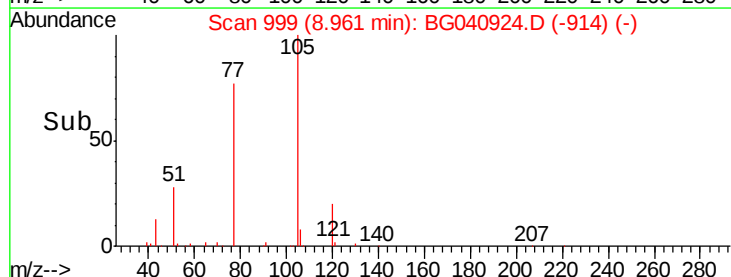
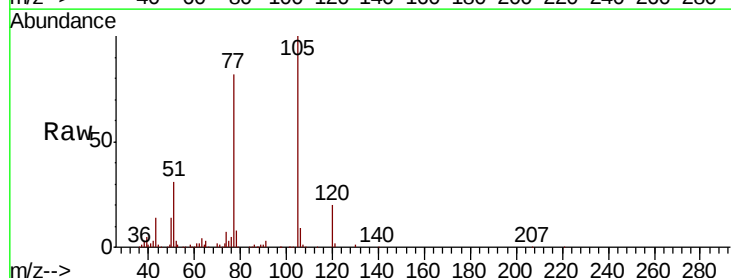
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

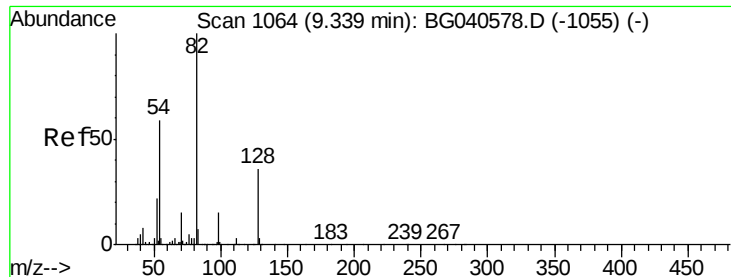
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 577755 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 9.7   | 14.5   |
| 54       | 9.1   | 8.6   | 12.8   |
| 68       | 5.2   | 4.8   | 7.2    |



#22  
Acetophenone  
Concen: 13.159 ng  
RT: 8.96 min Scan# 999  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 211409 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.5   | 1.8   | 2.8#   |
| 51       | 31.3  | 29.8  | 44.8   |
| 120      | 20.3  | 18.4  | 27.6   |

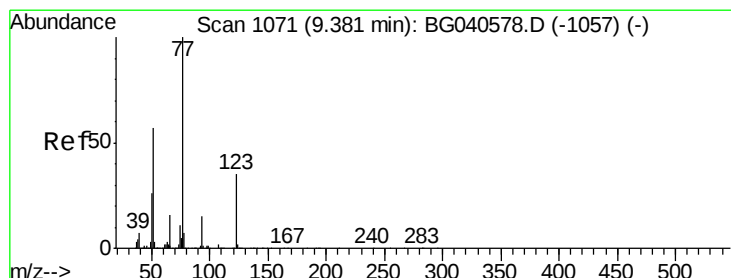
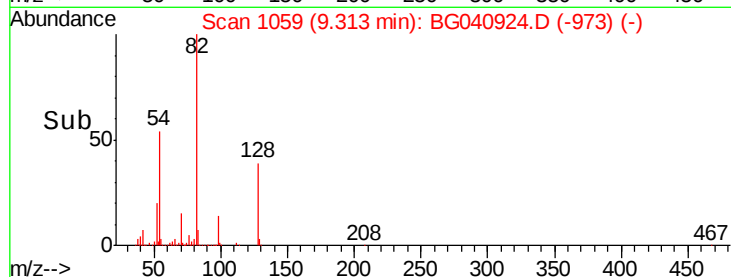
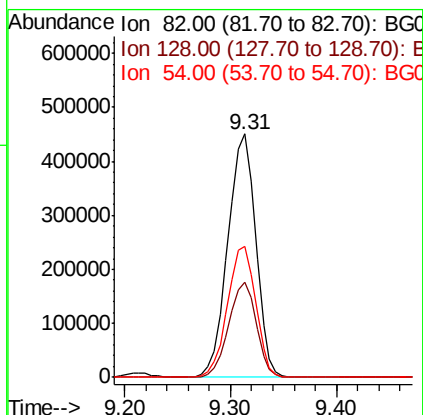
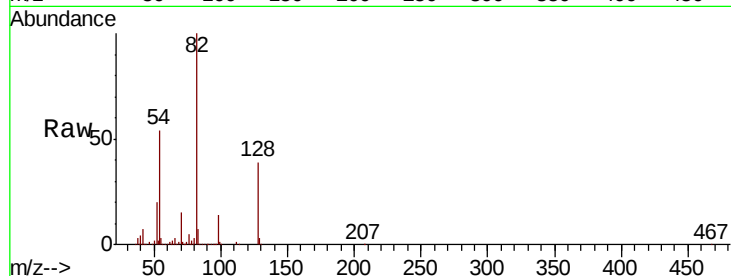




#23  
 Nitrobenzene-d5  
 Concen: 65.926 ng  
 RT: 9.31 min Scan# 1059  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

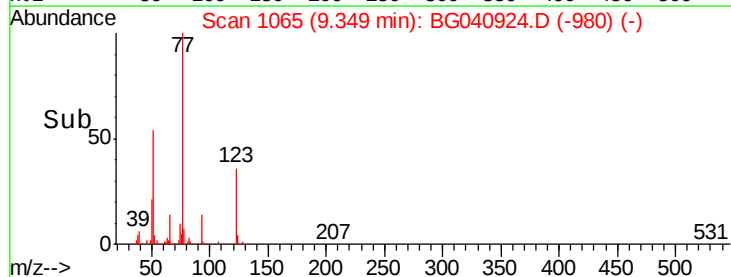
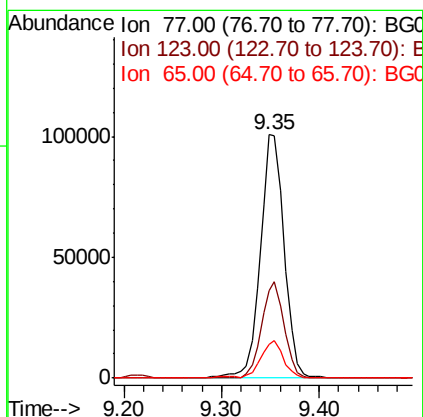
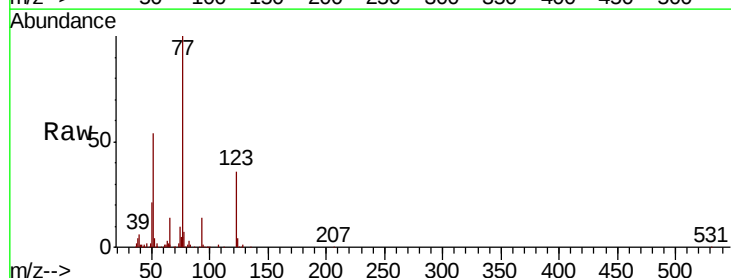
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

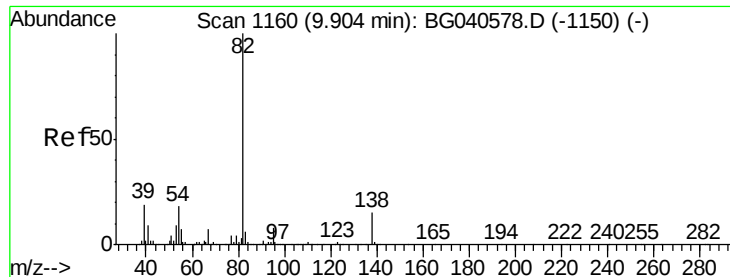
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.1  | 28.9  | 43.3  |
| 54      | 53.8  | 47.2  | 70.8  |



#24  
 Nitrobenzene  
 Concen: 12.970 ng  
 RT: 9.35 min Scan# 1065  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.1  | 27.8  | 41.6  |
| 65      | 14.1  | 12.4  | 18.6  |





#25

Isophorone

Concen: 11.592 ng

RT: 9.87 min Scan# 1153

Delta R.T. -0.04 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

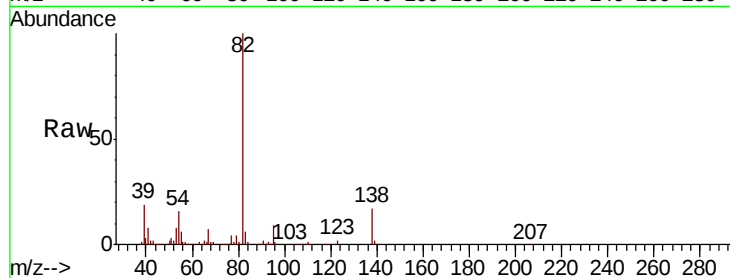
Tgt Ion: 82 Resp: 322867

Ion Ratio Lower Upper

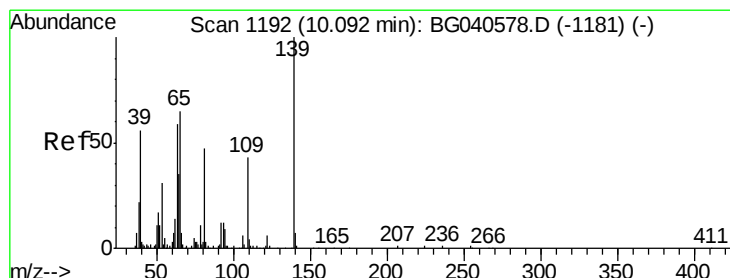
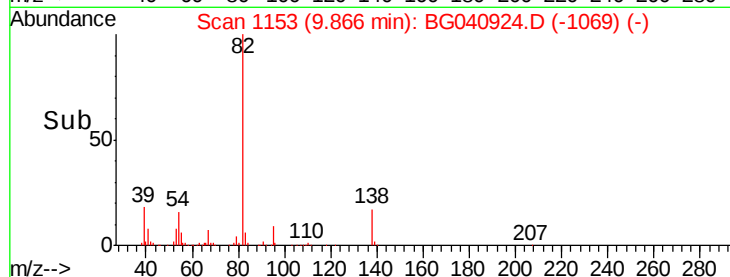
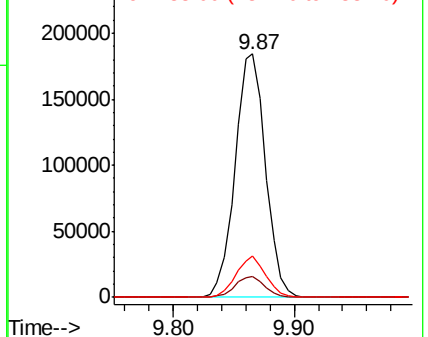
82 100

95 8.6 6.9 10.3

138 16.9 12.3 18.5



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



#26

2-Nitrophenol

Concen: 16.253 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

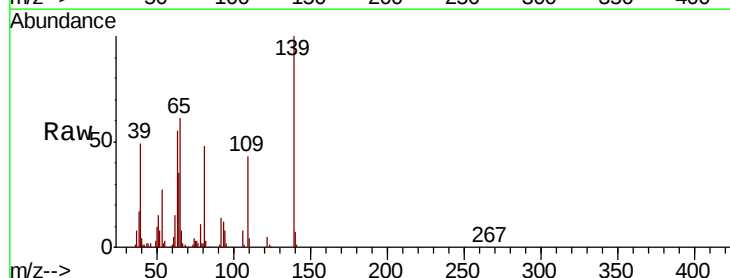
Tgt Ion: 139 Resp: 77722

Ion Ratio Lower Upper

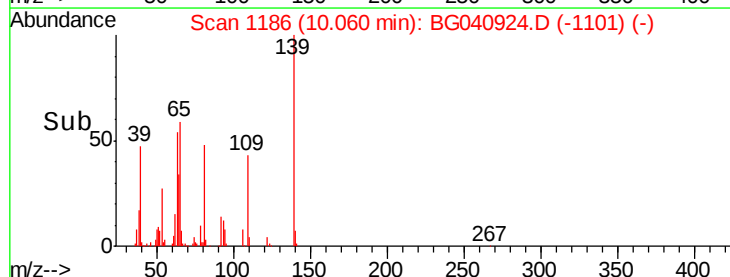
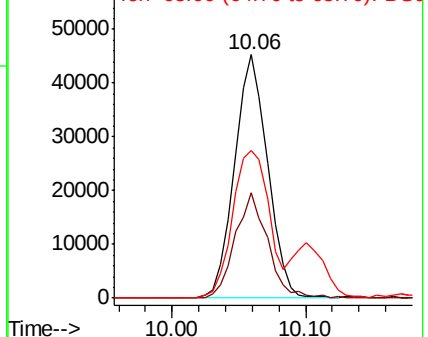
139 100

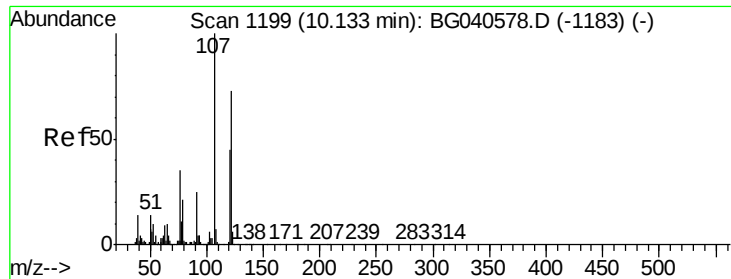
109 43.3 35.6 53.4

65 60.6 52.3 78.5



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

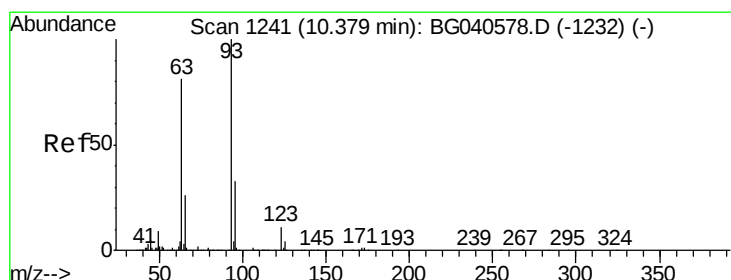
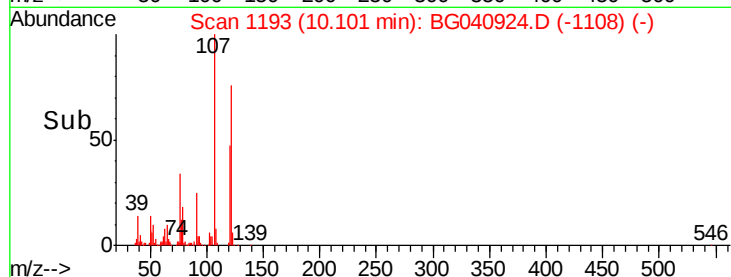
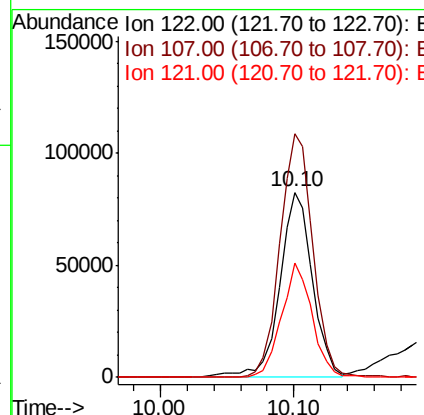
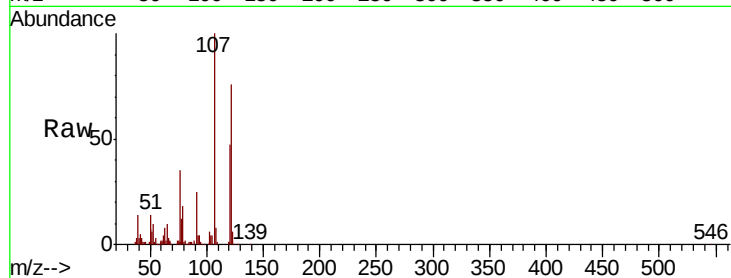




#27  
 2,4-Dimethylphenol  
 Concen: 15.619 ng  
 RT: 10.10 min Scan# 1193  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

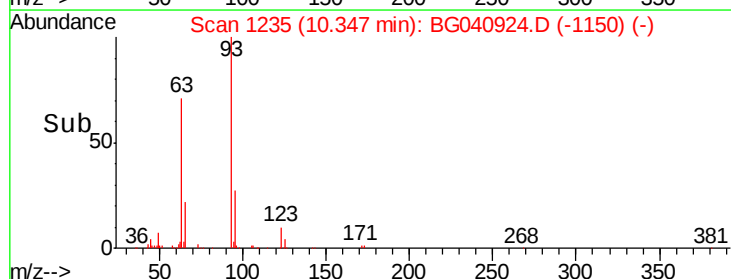
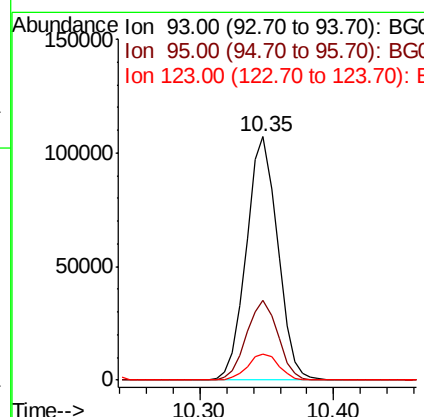
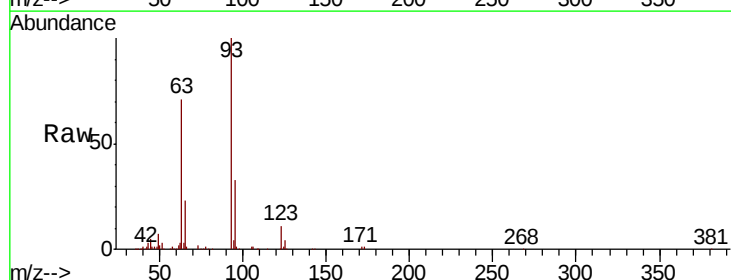
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 131.8 | 110.1 | 165.1 |
| 121     | 61.8  | 49.4  | 74.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 12.368 ng  
 RT: 10.35 min Scan# 1235  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.6  | 40.0  |
| 123     | 10.8  | 9.0   | 13.4  |

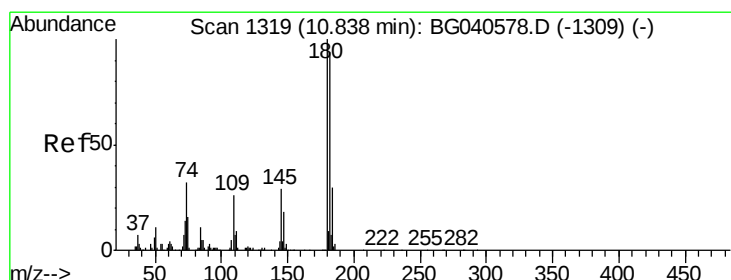
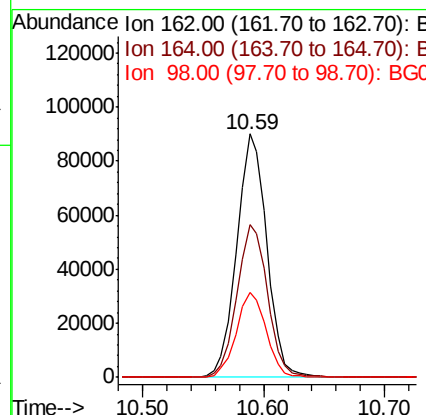
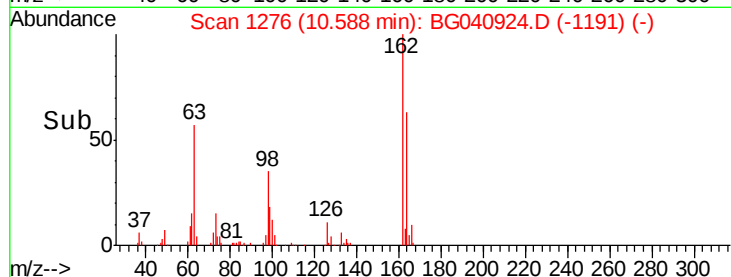
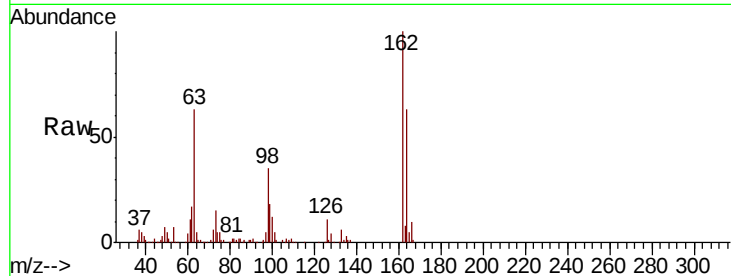




#29  
2,4-Dichlorophenol  
Concen: 15.303 ng  
RT: 10.59 min Scan# 1276  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

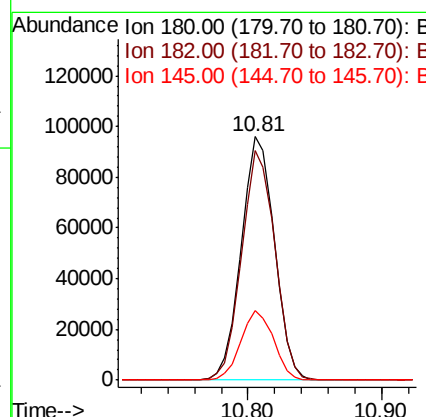
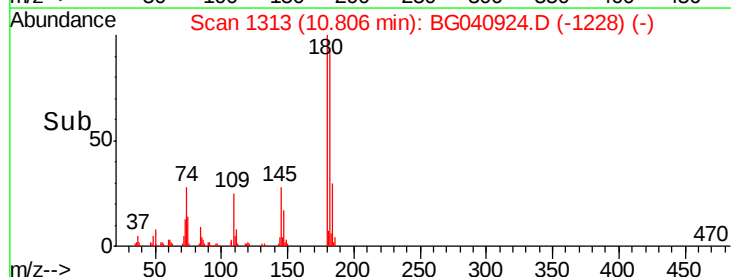
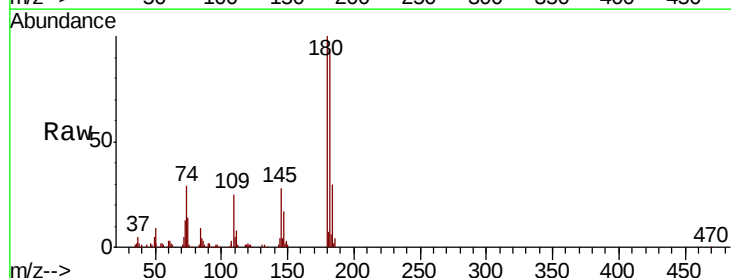
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.6  | 38.9  | 78.9  |
| 98      | 34.7  | 16.8  | 56.8  |



#30  
1,2,4-Trichlorobenzene  
Concen: 14.604 ng  
RT: 10.81 min Scan# 1313  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 75.2  | 112.8 |
| 145     | 28.5  | 23.6  | 35.4  |

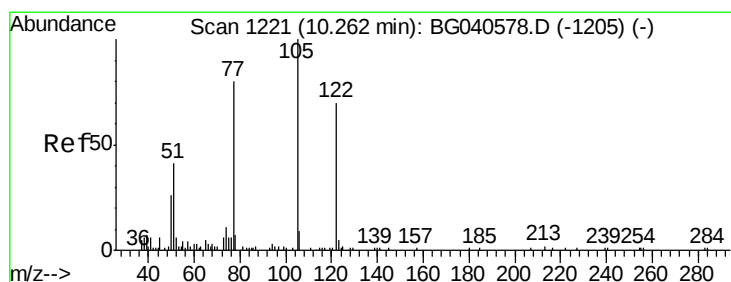
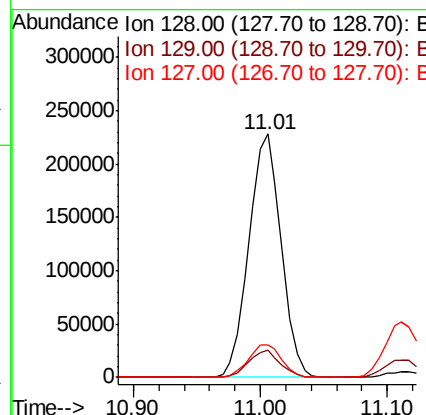
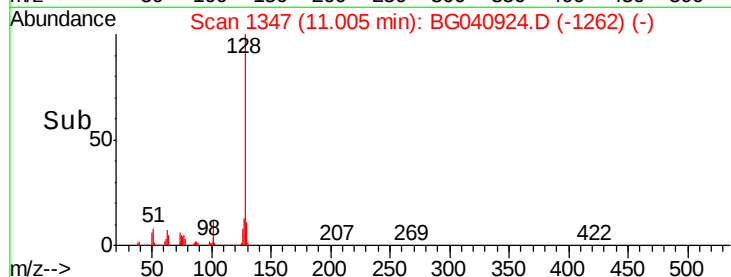
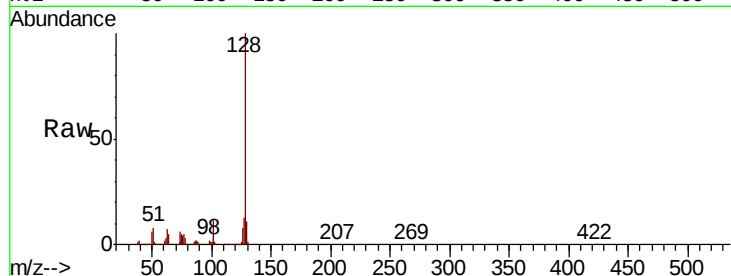




#31  
Naphthalene  
Concen: 13.116 ng  
RT: 11.01 min Scan# 1347  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

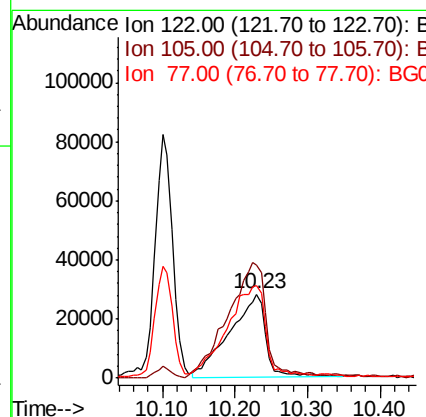
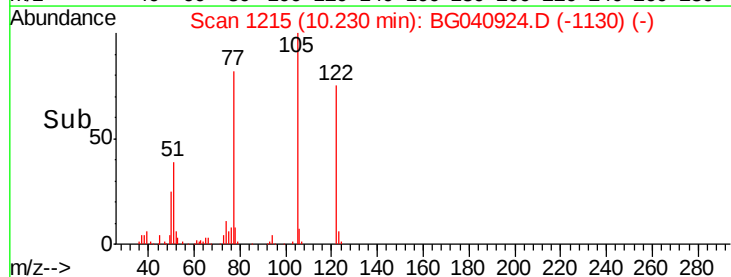
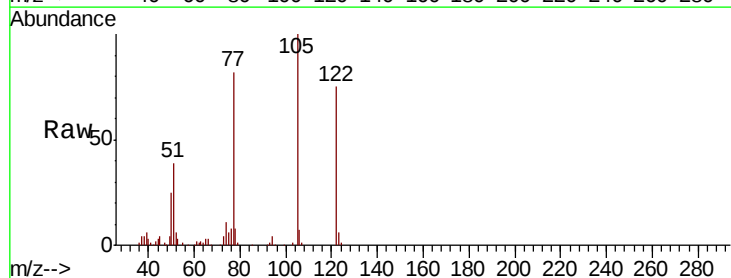
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

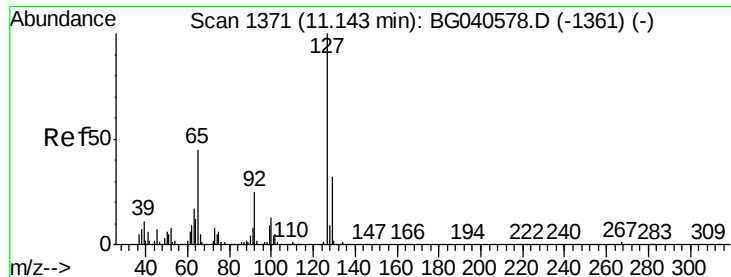
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.0   | 13.6  |
| 127     | 13.4  | 11.3  | 16.9  |



#32  
Benzoic acid  
Concen: 16.080 ng  
RT: 10.23 min Scan# 1215  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 134.0 | 110.9 | 150.9 |
| 77      | 110.2 | 87.6  | 127.6 |

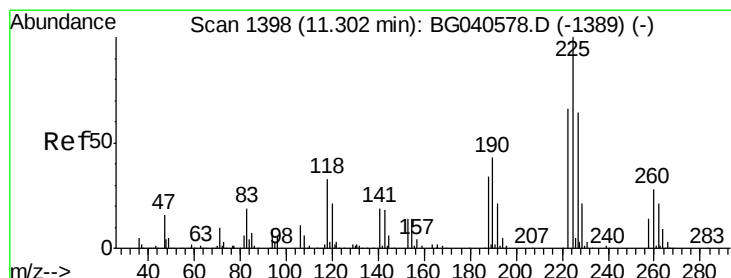
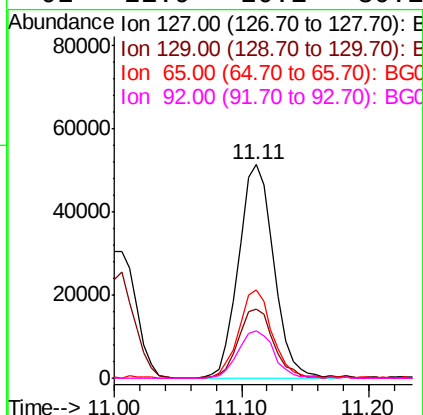
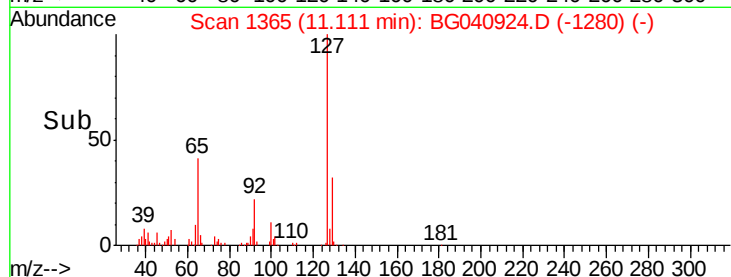
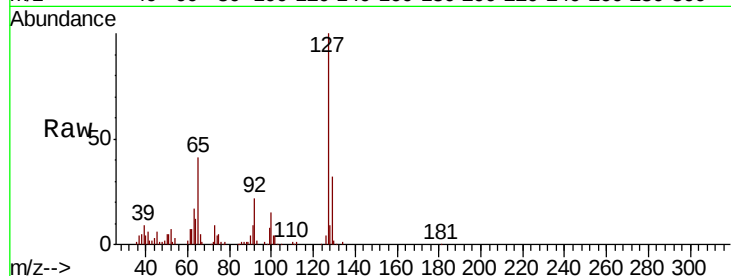




#33  
4-Chloroaniline  
Concen: 7.299 ng  
RT: 11.11 min Scan# 1365  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

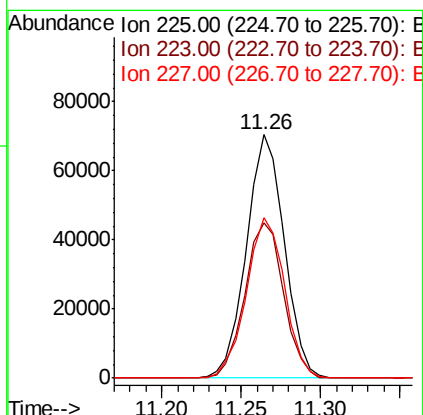
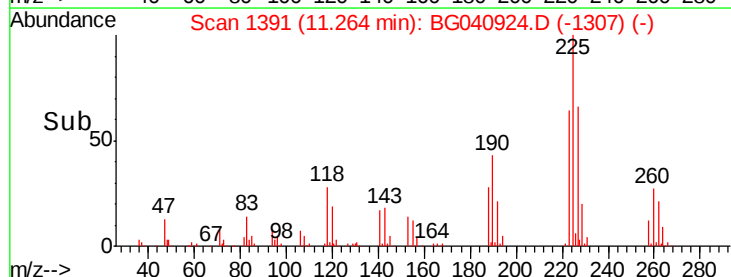
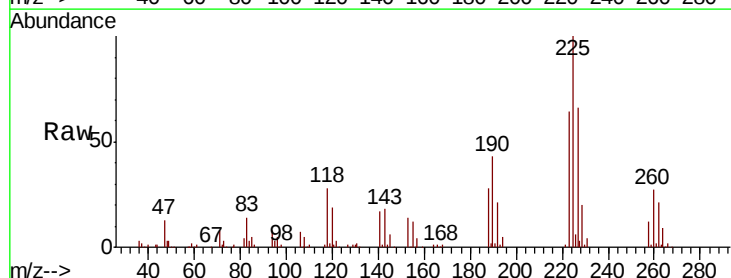
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

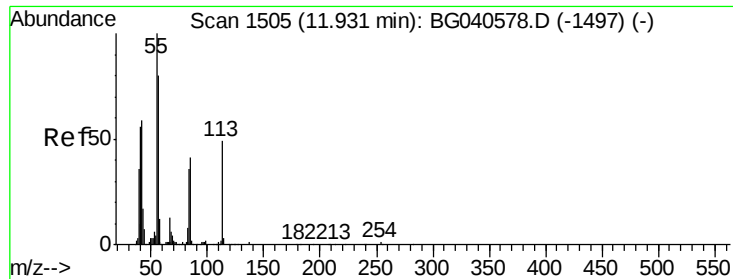
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 99334 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.2  | 25.7  | 38.5  |
| 65       | 41.4  | 36.1  | 54.1  |
| 92       | 21.9  | 20.1  | 30.1  |



#34  
Hexachlorobutadiene  
Concen: 14.023 ng  
RT: 11.26 min Scan# 1391  
Delta R.T. -0.04 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 117106 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.9  | 50.4  | 75.6   |
| 227      | 68.6  | 51.0  | 76.6   |





#35

Caprolactam

Concen: 9.758 ng

RT: 11.90 min Scan# 1499

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

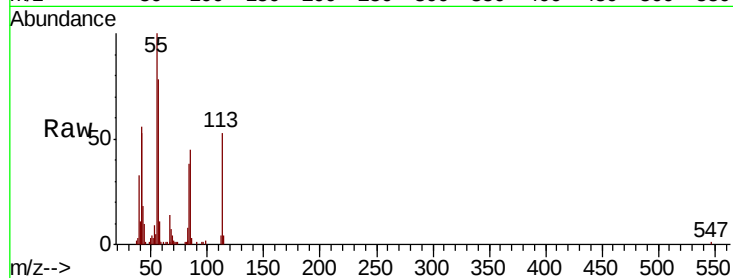
Tgt Ion:113 Resp: 39297

Ion Ratio Lower Upper

113 100

55 189.7 198.6 238.6#

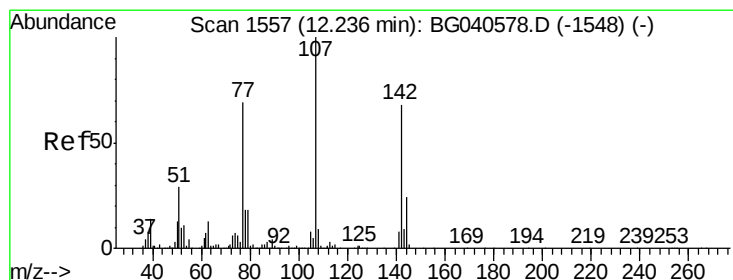
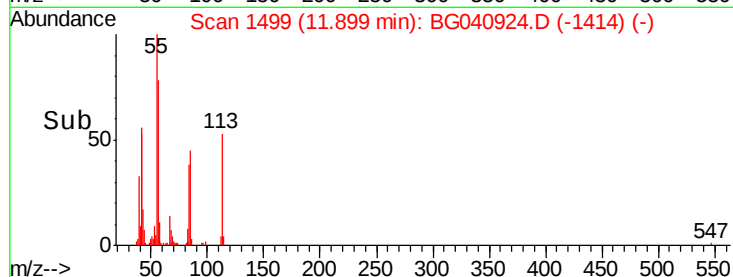
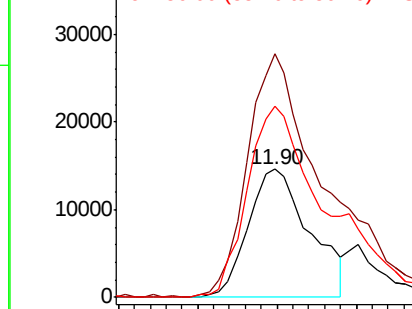
56 148.8 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 13.730 ng

RT: 12.22 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

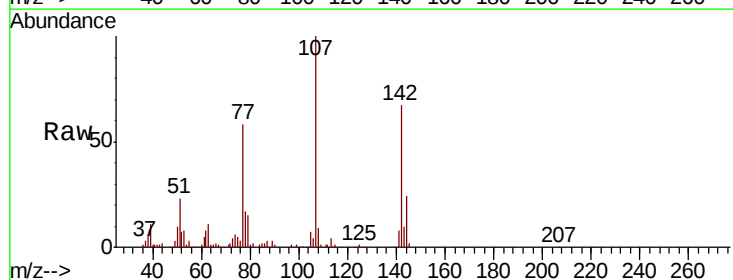
Tgt Ion:107 Resp: 176686

Ion Ratio Lower Upper

107 100

144 24.2 19.3 28.9

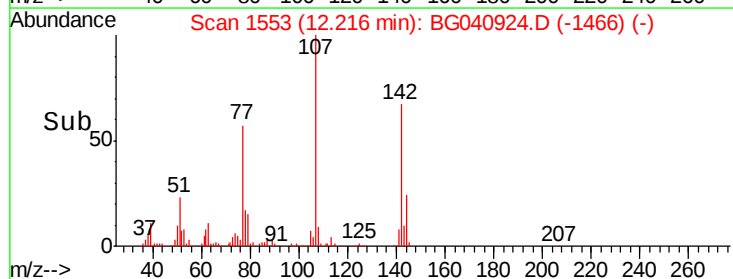
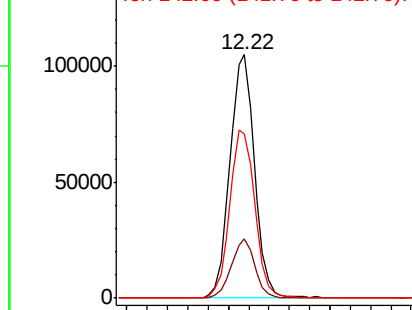
142 67.2 54.6 81.8



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

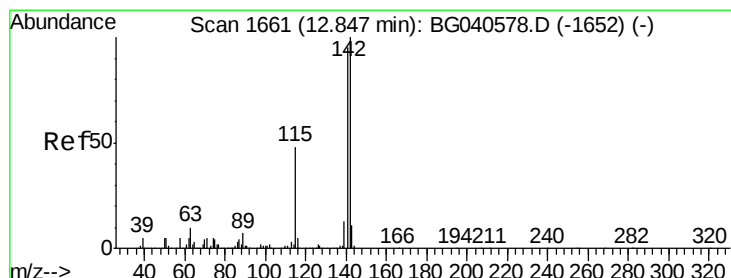
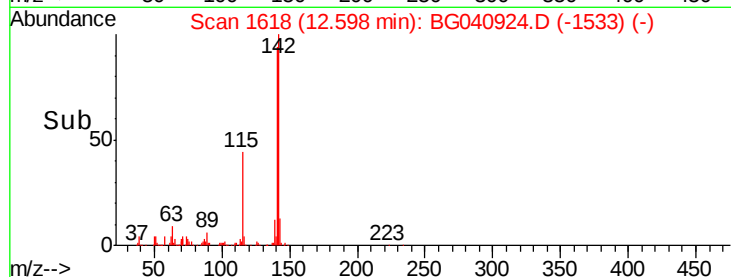
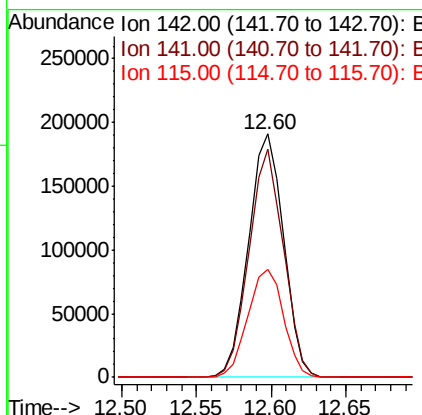
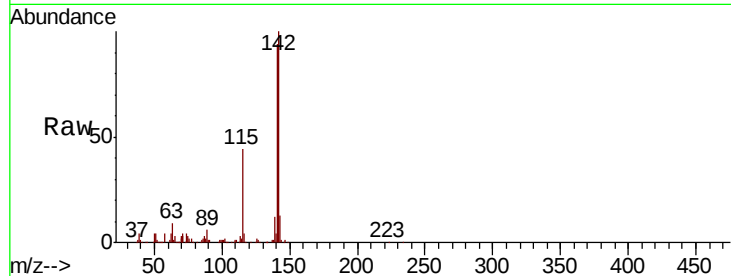




#37  
 2-Methylnaphthalene  
 Concen: 13.499 ng  
 RT: 12.60 min Scan# 1618  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

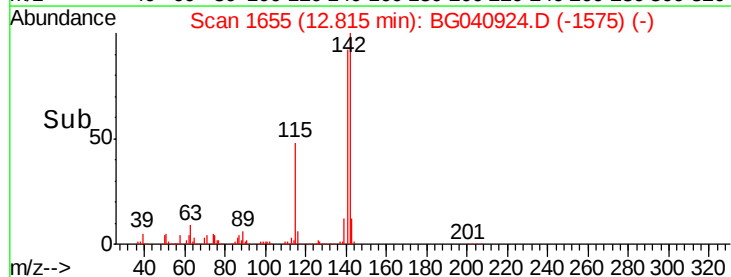
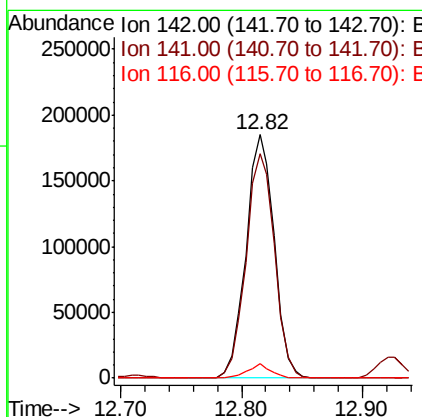
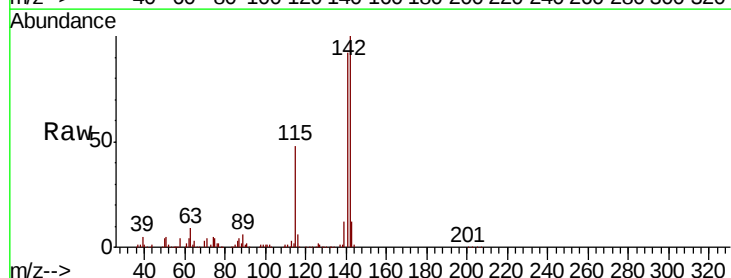
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.8  | 73.4  | 110.2 |
| 115     | 44.4  | 36.2  | 54.4  |



#38  
 1-Methylnaphthalene  
 Concen: 13.372 ng  
 RT: 12.82 min Scan# 1655  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 75.9  | 113.9 |
| 116     | 5.7   | 4.2   | 6.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

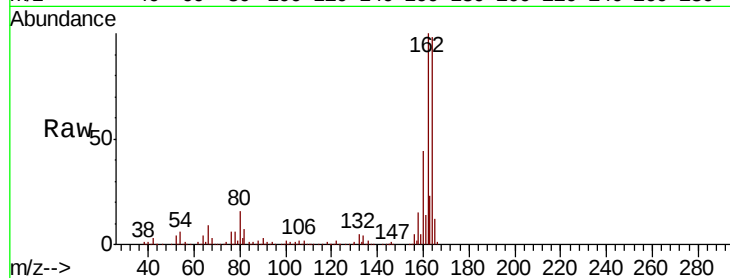
Tgt Ion:164 Resp: 428823

Ion Ratio Lower Upper

164 100

162 102.3 81.9 122.9

160 45.0 35.4 53.2

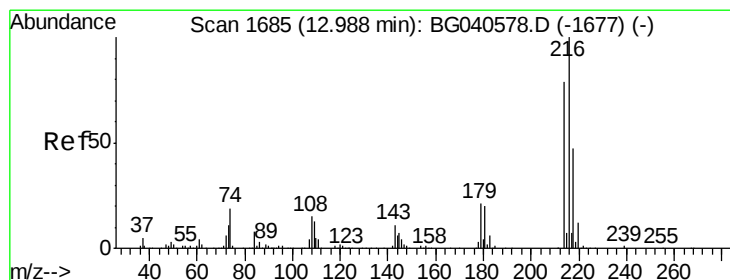
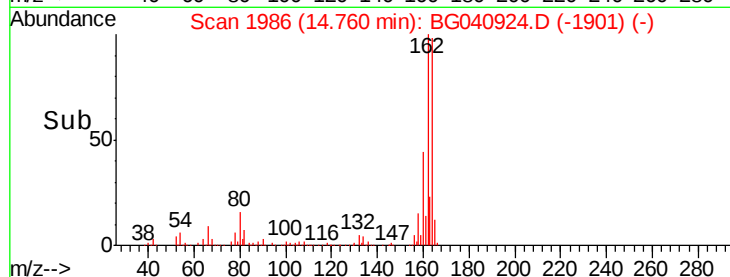
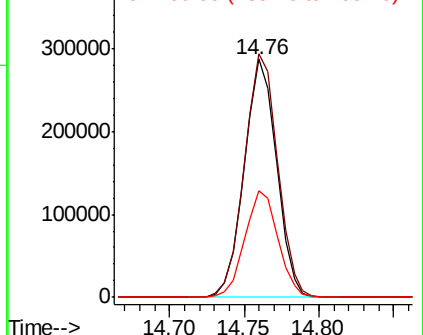


Abundance

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: 14.149 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Tgt Ion:216 Resp: 226022

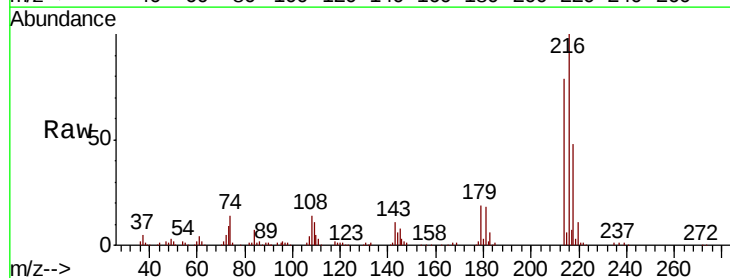
Ion Ratio Lower Upper

216 100

214 79.7 63.7 95.5

179 19.0 16.6 24.8

108 17.3 14.7 22.1



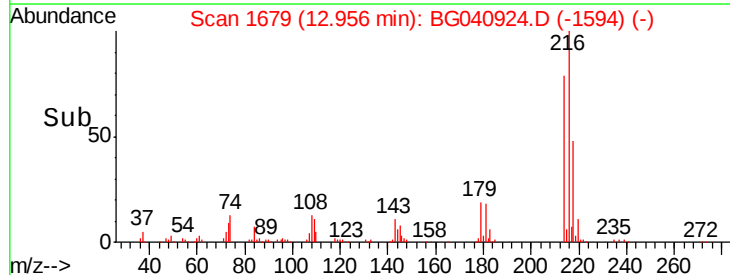
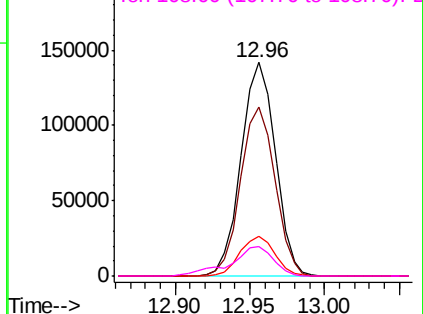
Abundance

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: 28.339 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.04 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

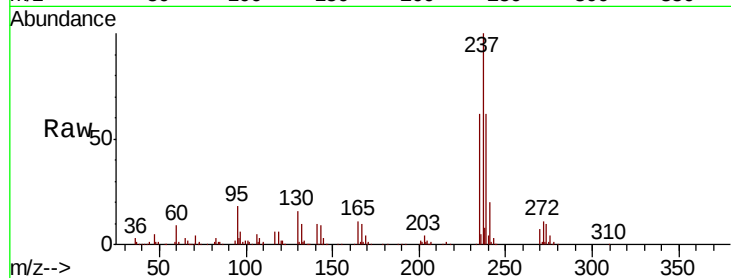
Tgt Ion: 237 Resp: 267139

Ion Ratio Lower Upper

237 100

235 62.1 42.5 82.5

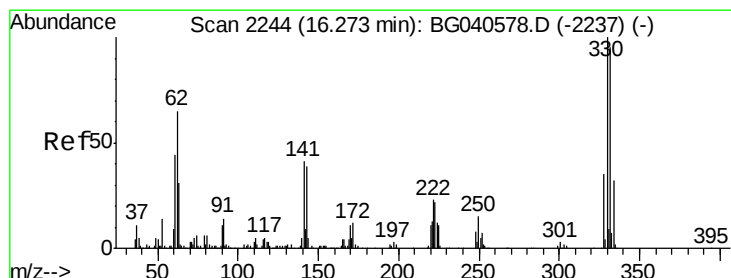
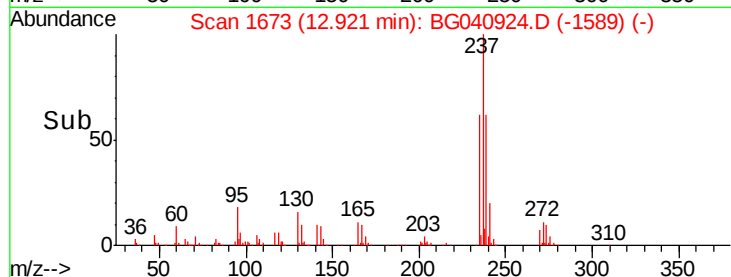
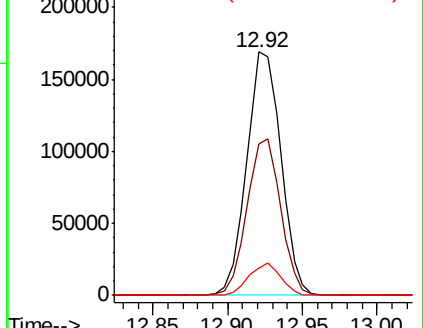
272 11.1 0.0 31.6



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: 132.567 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

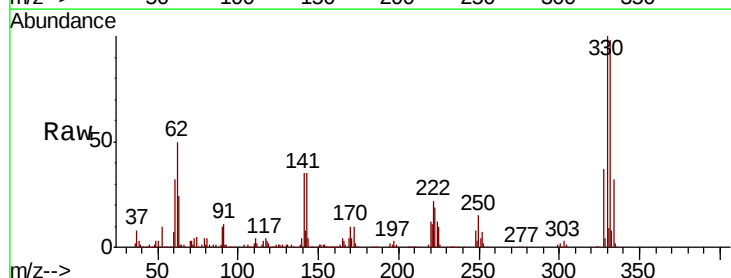
Tgt Ion: 330 Resp: 781386

Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

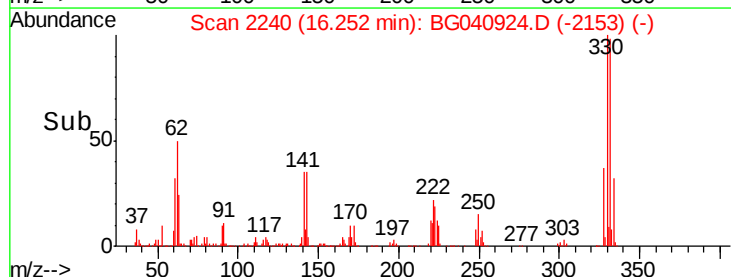
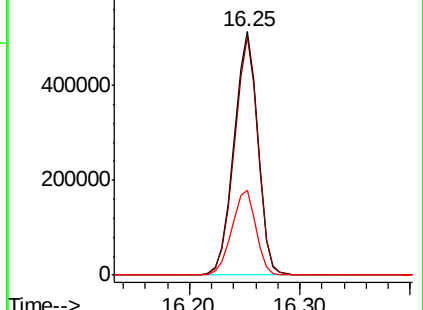
141 35.2 32.4 48.6



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

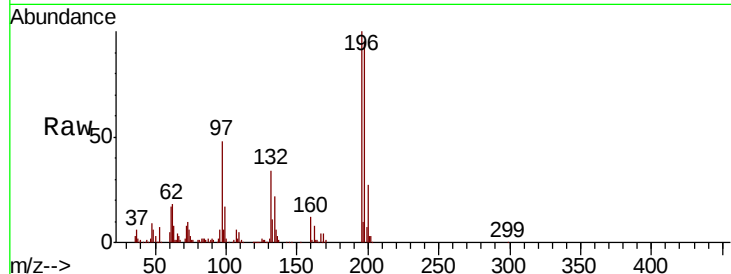




#43  
 2,4,6-Trichlorophenol  
 Concen: 15.728 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.6  | 74.8  | 112.2 |
| 200     | 27.4  | 24.9  | 37.3  |

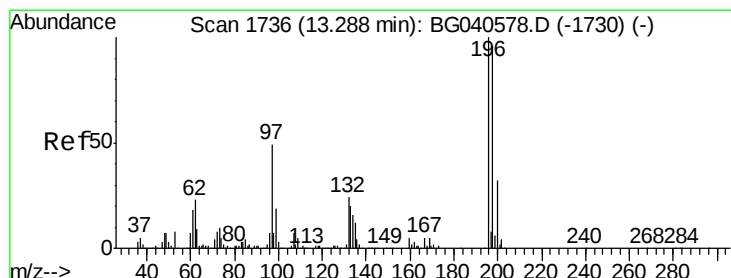
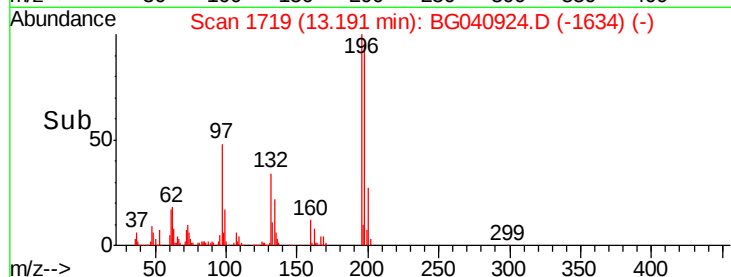
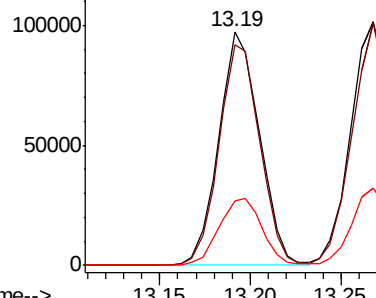


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 15.495 ng  
 RT: 13.27 min Scan# 1732  
 Delta R.T. -0.02 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.7  | 77.0  | 115.6 |
| 97      | 44.6  | 40.0  | 60.0  |
| 132     | 20.7  | 19.2  | 28.8  |

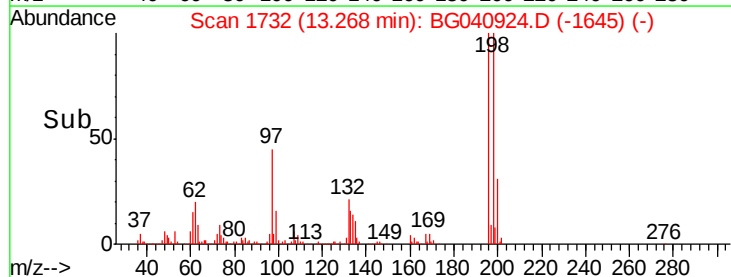
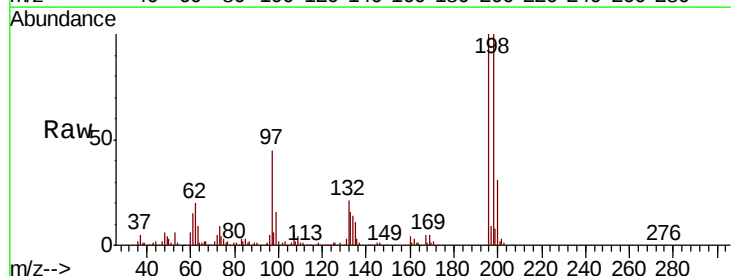
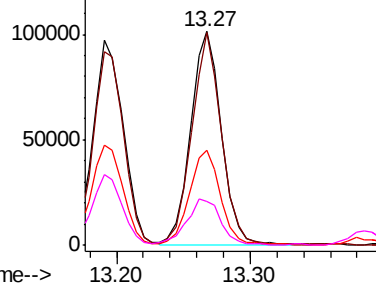
Abundance

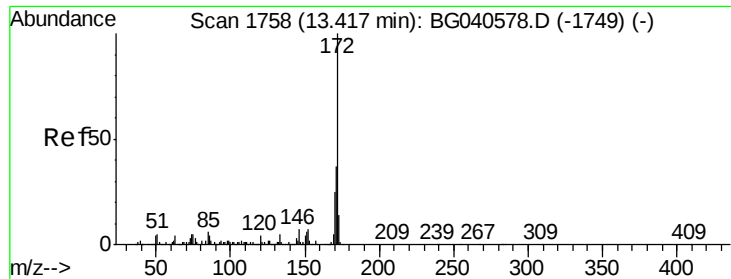
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

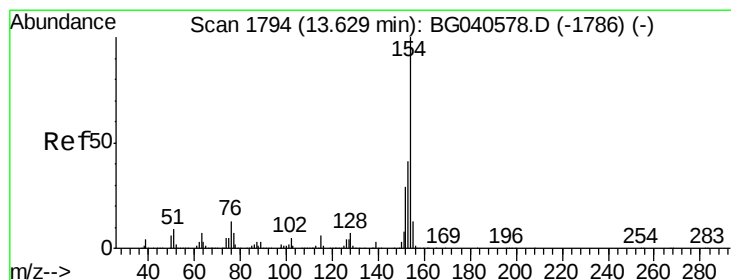
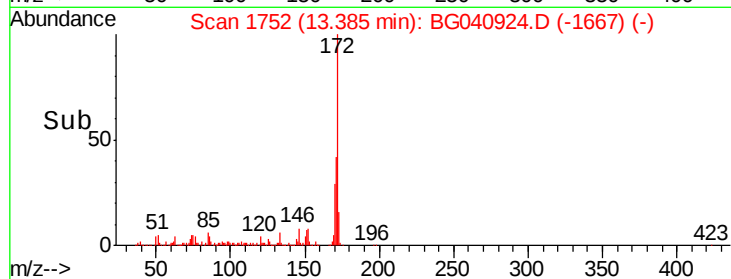
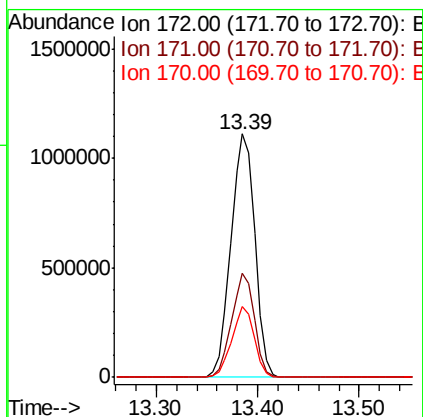
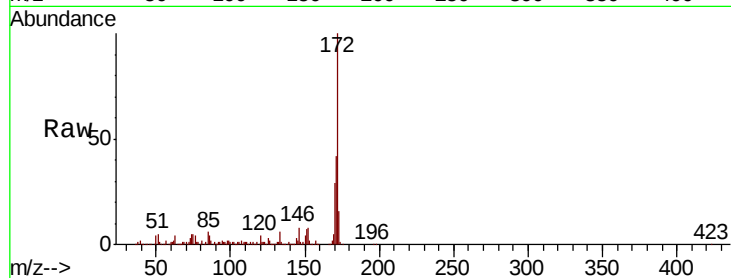




#45  
2-Fluorobiphenyl  
Concen: 61.121 ng  
RT: 13.39 min Scan# 1752  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

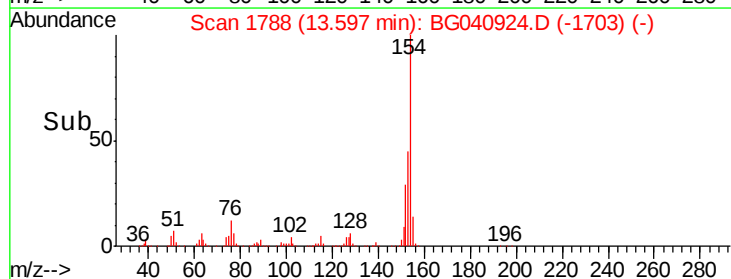
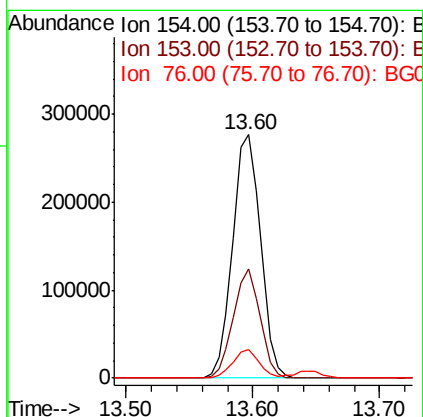
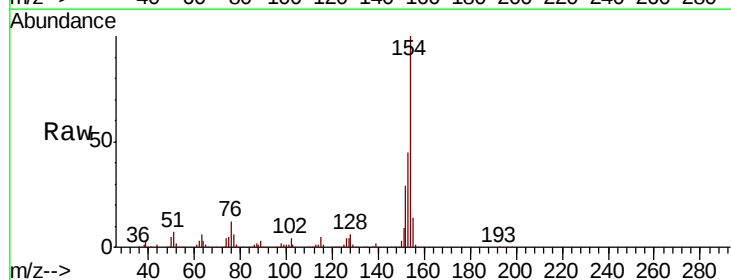
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

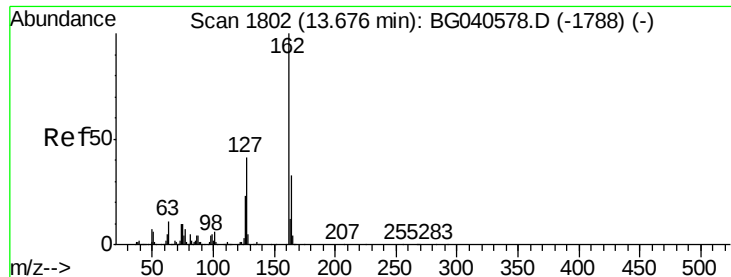
Tgt Ion:172 Resp: 1814853  
Ion Ratio Lower Upper  
172 100  
171 42.5 29.4 44.2  
170 29.1 19.9 29.9



#46  
1,1'-Biphenyl  
Concen: 12.624 ng  
RT: 13.60 min Scan# 1788  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Tgt Ion:154 Resp: 420297  
Ion Ratio Lower Upper  
154 100  
153 45.0 20.5 60.5  
76 11.7 0.0 32.5





#47

2-Chloronaphthalene

Concen: 13.331 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleID :

IDOC-04

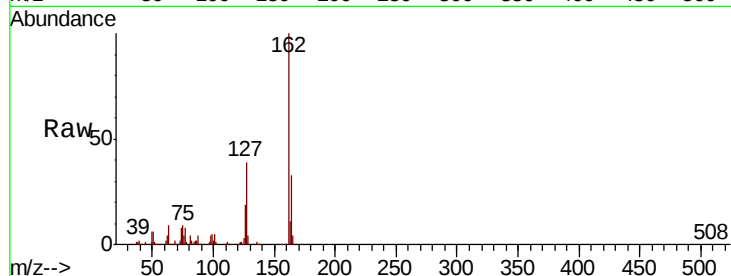
Tgt Ion: 162 Resp: 347346

Ion Ratio Lower Upper

162 100

127 39.0 33.0 49.4

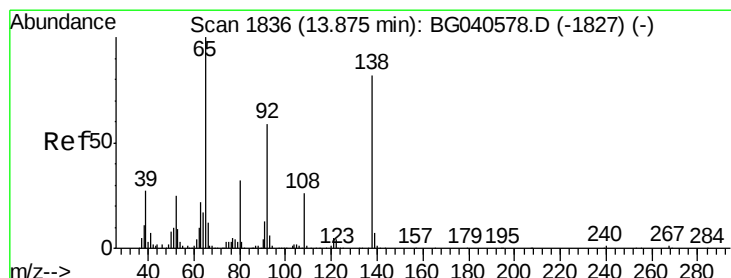
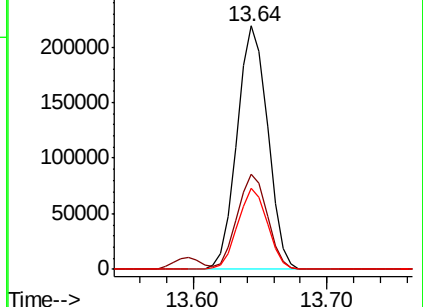
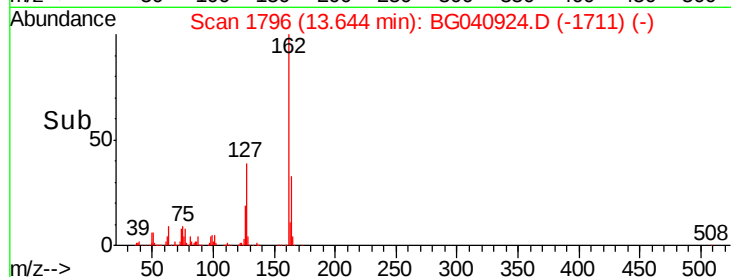
164 33.3 26.8 40.2



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: 13.565 ng

RT: 13.85 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

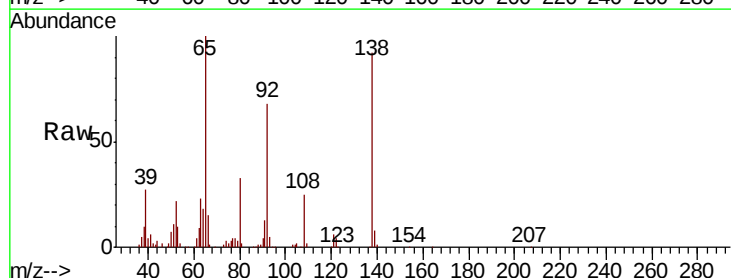
Tgt Ion: 65 Resp: 125815

Ion Ratio Lower Upper

65 100

92 67.9 47.4 71.0

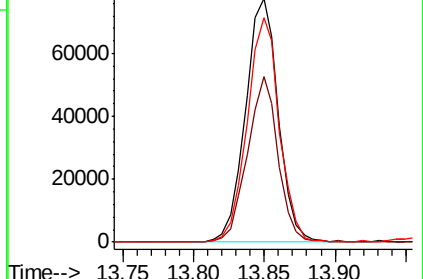
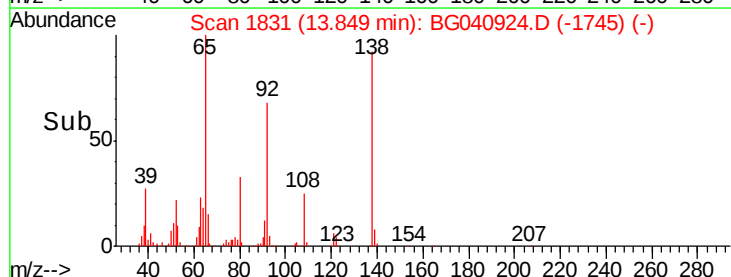
138 92.4 66.1 99.1

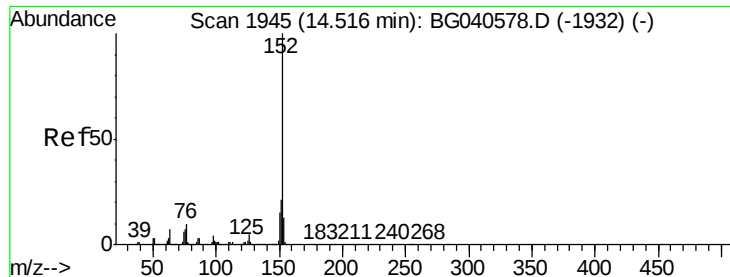


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 12.370 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

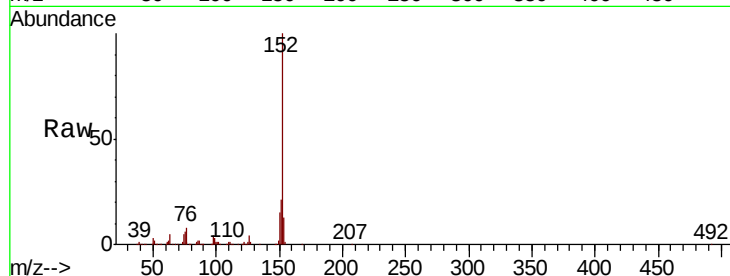
Tgt Ion:152 Resp: 546853

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

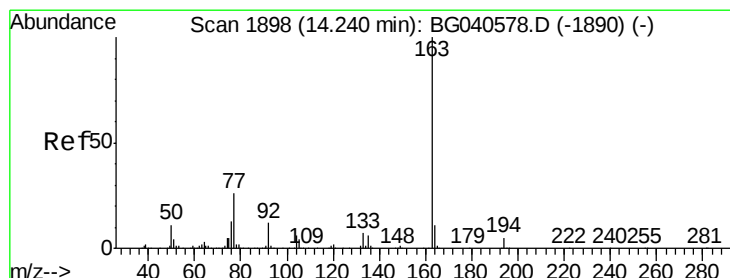
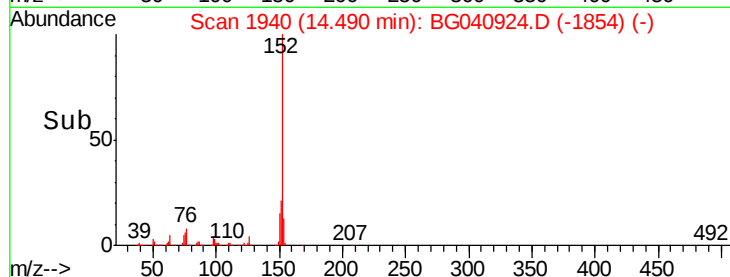
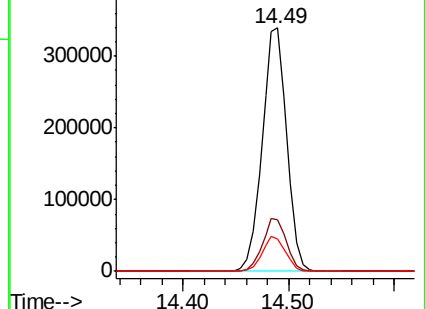
153 13.4 10.7 16.1



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: 13.509 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

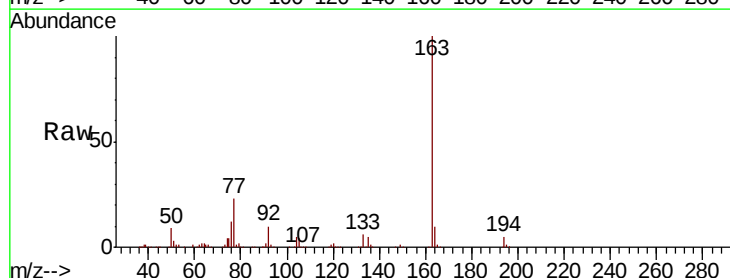
Tgt Ion:163 Resp: 484703

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

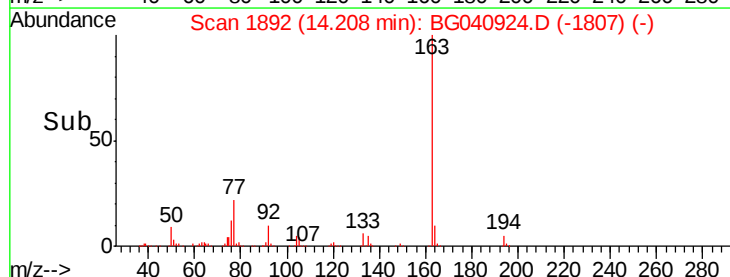
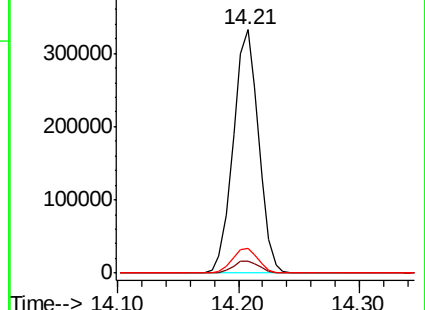
164 10.0 8.8 13.2

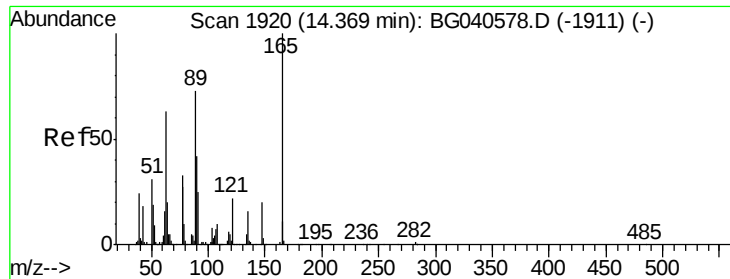


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

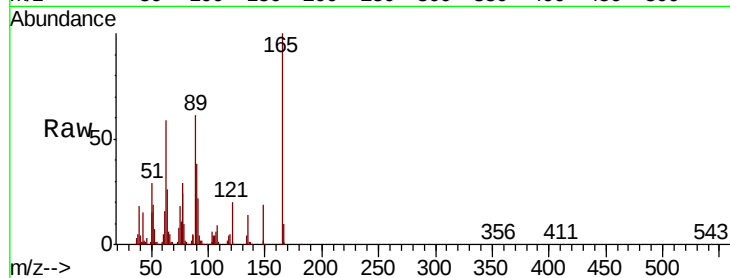




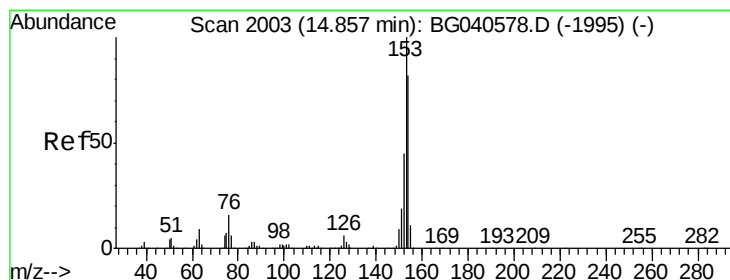
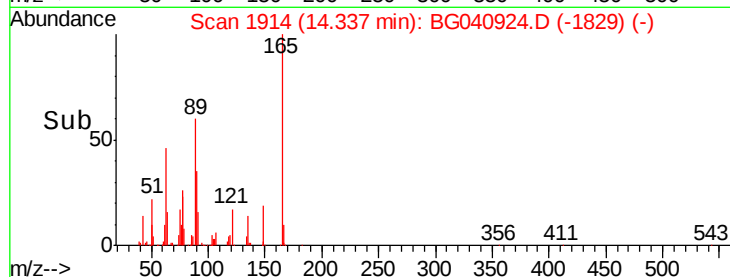
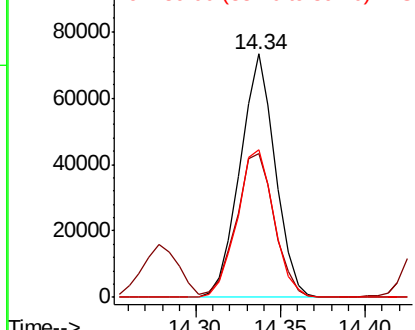
#51  
2,6-Dinitrotoluene  
Concen: 15.152 ng  
RT: 14.34 min Scan# 1914  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 59.1  | 61.0  | 91.4# |
| 89      | 60.6  | 58.6  | 87.8  |

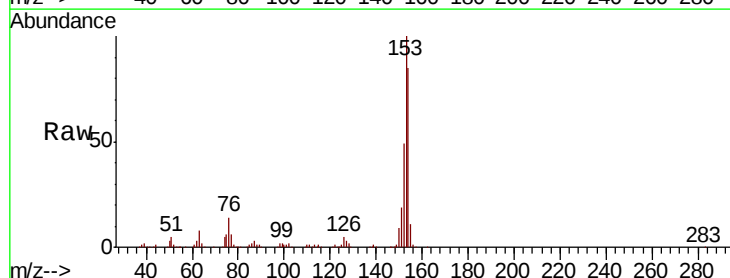


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

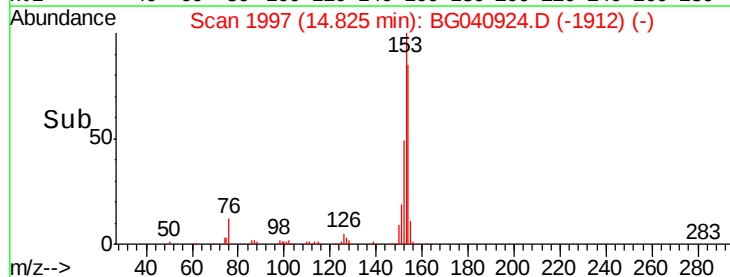
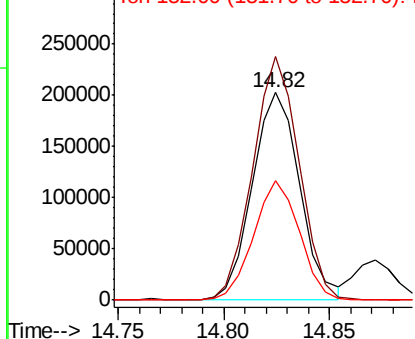


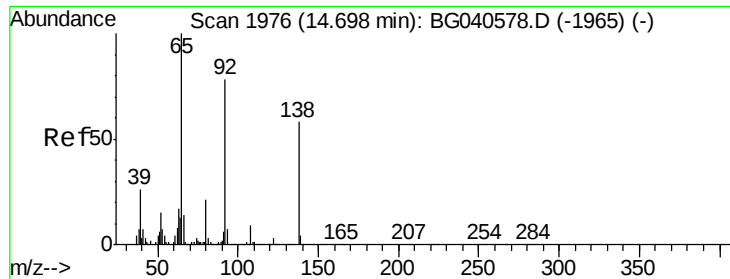
#52  
Acenaphthene  
Concen: 12.311 ng  
RT: 14.82 min Scan# 1997  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 117.5 | 97.0  | 145.6 |
| 152     | 57.5  | 44.1  | 66.1  |



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

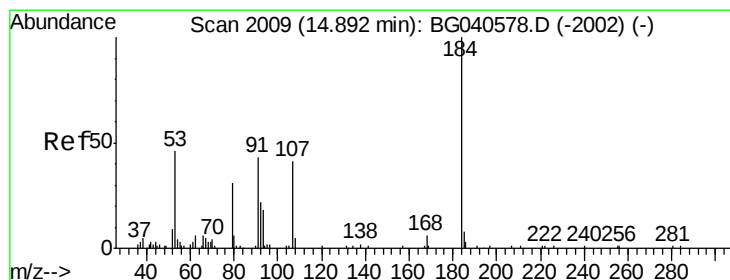
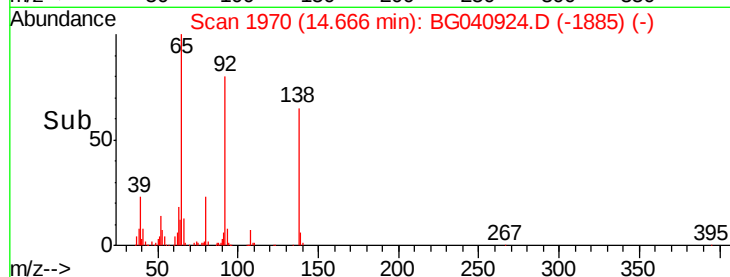
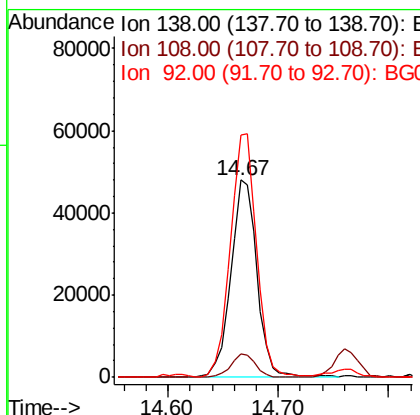
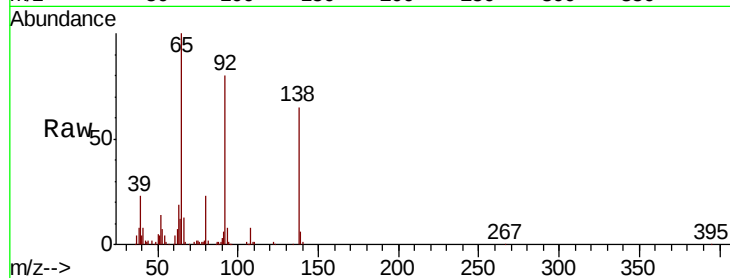




#53  
3-Nitroaniline  
Concen: 11.121 ng  
RT: 14.67 min Scan# 1970  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

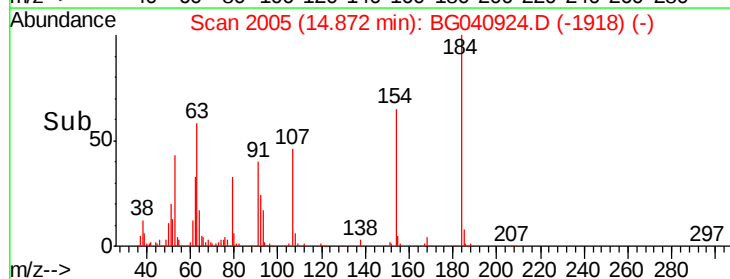
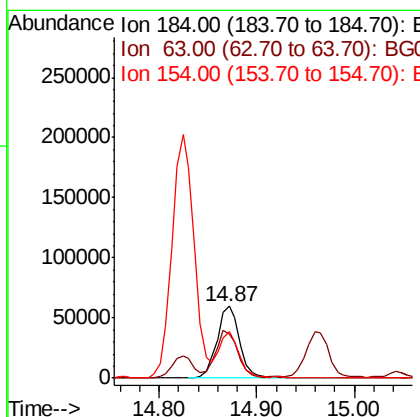
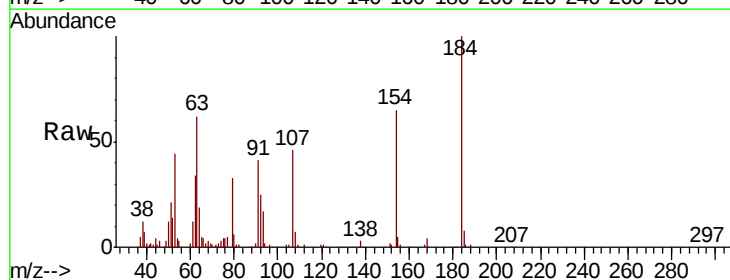
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

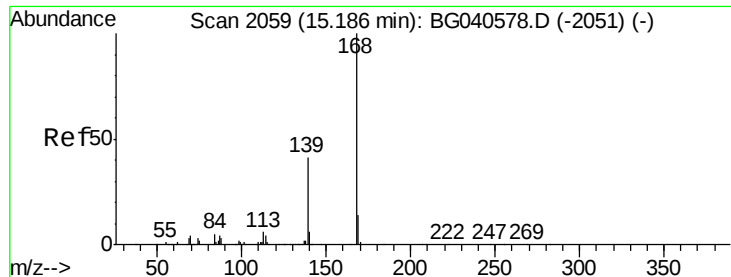
Tgt Ion:138 Resp: 79793  
Ion Ratio Lower Upper  
138 100  
108 11.8 12.4 18.6#  
92 122.8 108.6 162.8



#54  
2,4-Dinitrophenol  
Concen: 29.201 ng  
RT: 14.87 min Scan# 2005  
Delta R.T. -0.02 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Tgt Ion:184 Resp: 96040  
Ion Ratio Lower Upper  
184 100  
63 61.5 51.8 77.6  
154 65.2 43.6 65.4





#55

Dibenzenofuran

Concen: 13.178 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

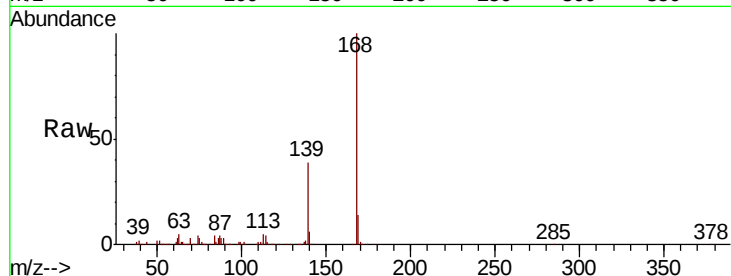
Tgt Ion:168 Resp: 555675

Ion Ratio Lower Upper

168 100

139 38.6 33.0 49.4

169 14.0 11.0 16.4

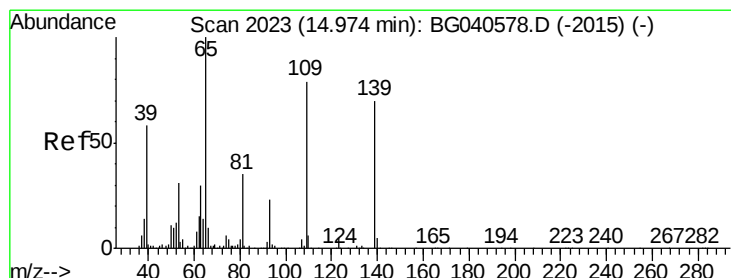
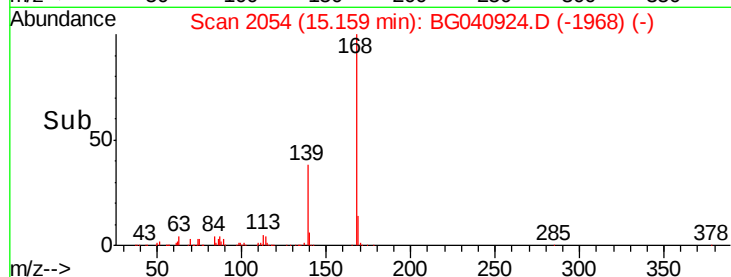
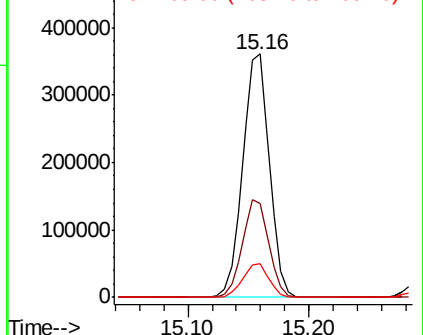


Abundance

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: 27.105 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

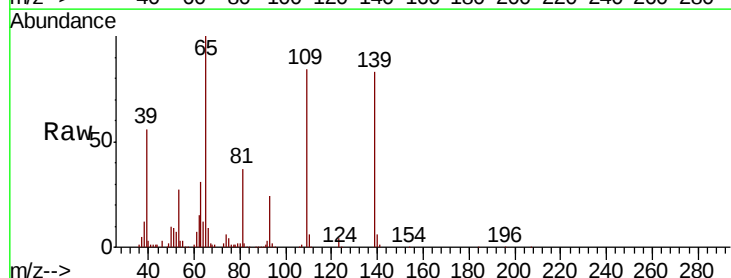
Tgt Ion:139 Resp: 168628

Ion Ratio Lower Upper

139 100

109 101.2 93.8 133.8

65 120.5 122.7 162.7#

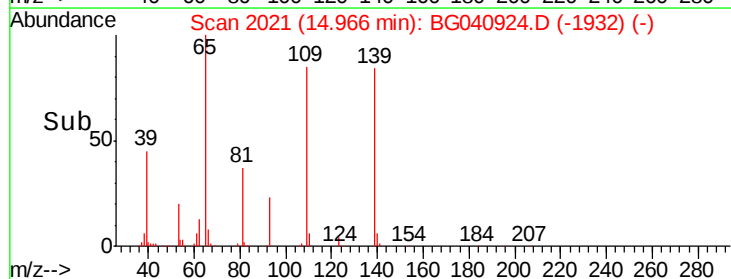
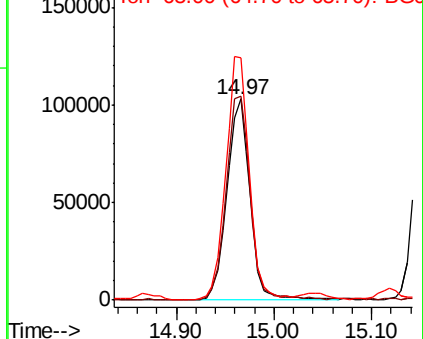


Abundance

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

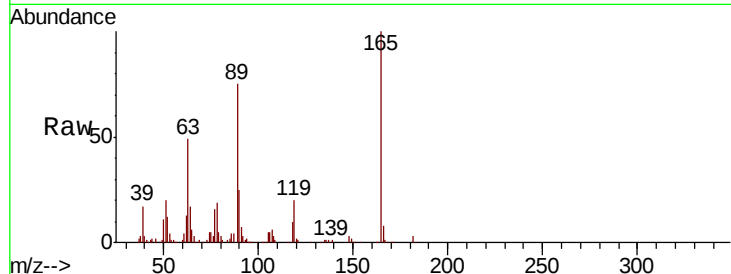




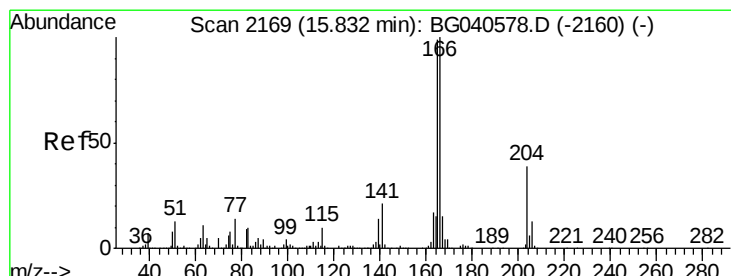
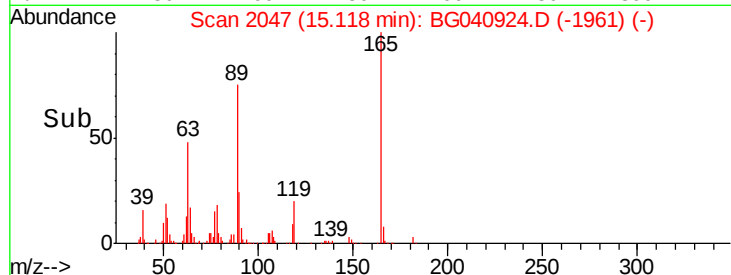
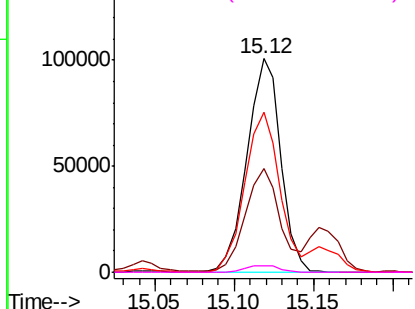
#57  
 2,4-Dinitrotoluene  
 Concen: 15.657 ng  
 RT: 15.12 min Scan# 2047  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 148981 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 48.7  | 45.8  | 68.8   |
| 89       | 74.9  | 69.4  | 104.2  |
| 182      | 3.1   | 2.2   | 3.4    |

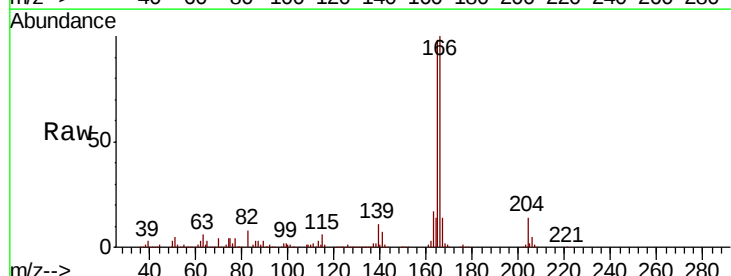


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

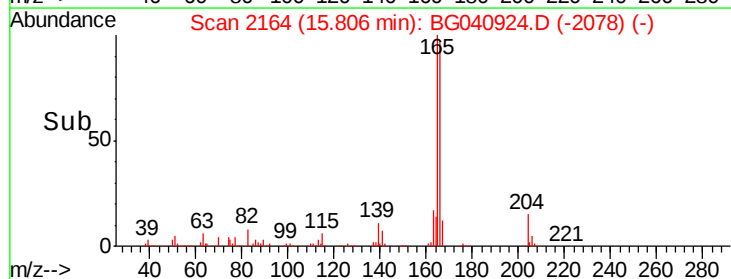
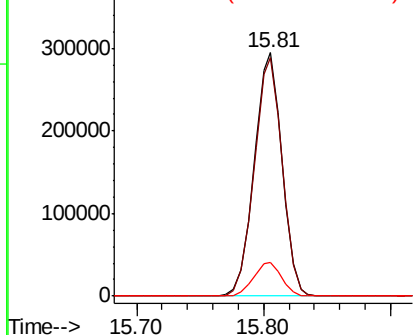


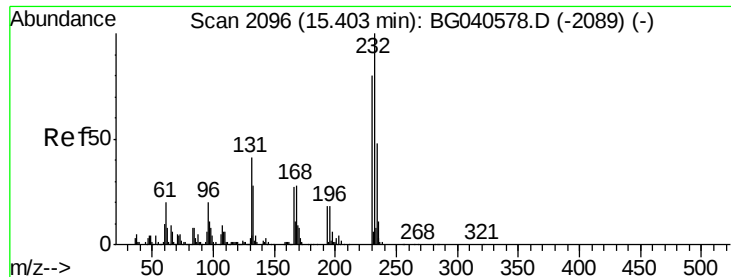
#58  
 Fluorene  
 Concen: 13.154 ng  
 RT: 15.81 min Scan# 2164  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 448334 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.2  | 79.6  | 119.4  |
| 167      | 13.9  | 12.2  | 18.2   |



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

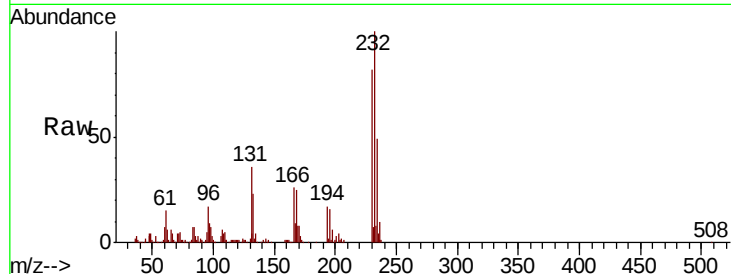




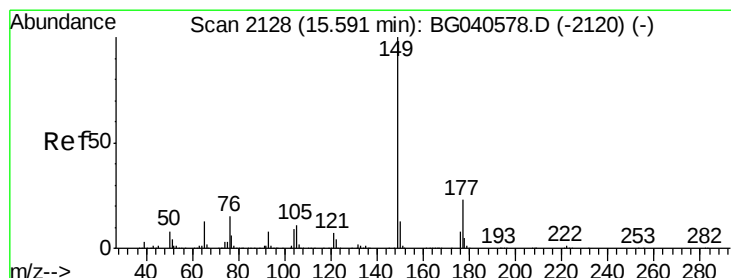
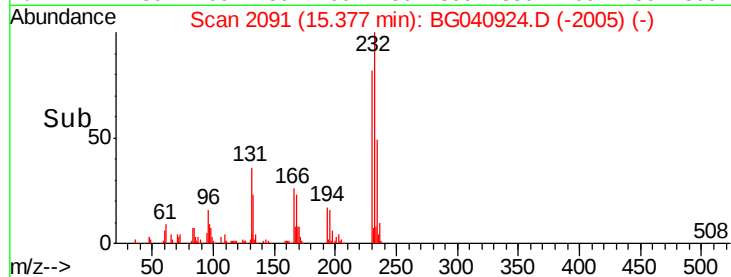
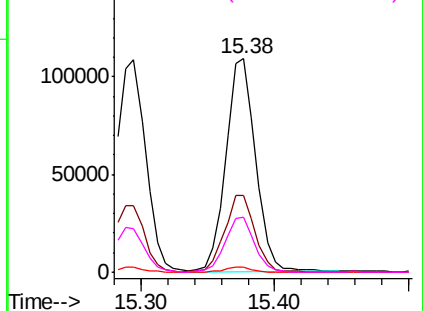
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 16.032 ng  
RT: 15.38 min Scan# 2091  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 169696 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 37.1  | 33.0  | 49.4   |
| 130      | 2.1   | 2.0   | 3.0    |
| 166      | 25.7  | 22.1  | 33.1   |

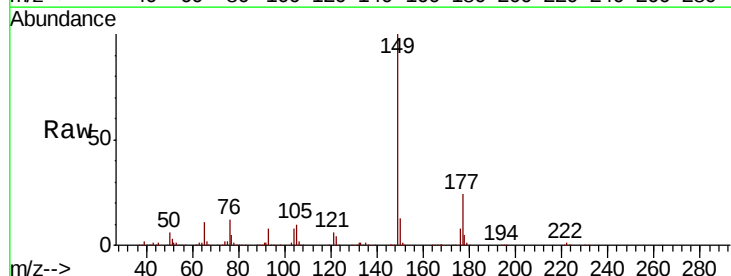


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

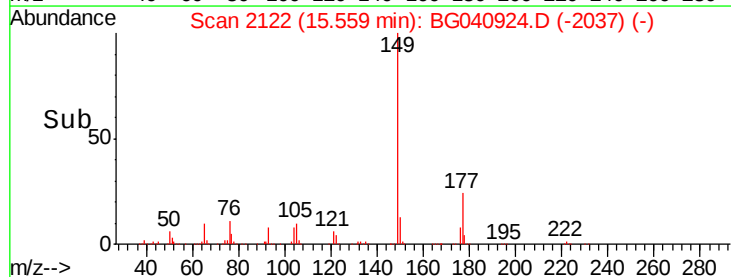
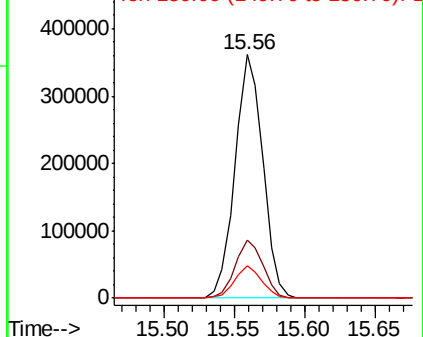


#60  
Diethylphthalate  
Concen: 13.114 ng  
RT: 15.56 min Scan# 2122  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 496440 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.7  | 18.5  | 27.7   |
| 150      | 13.1  | 10.2  | 15.4   |



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

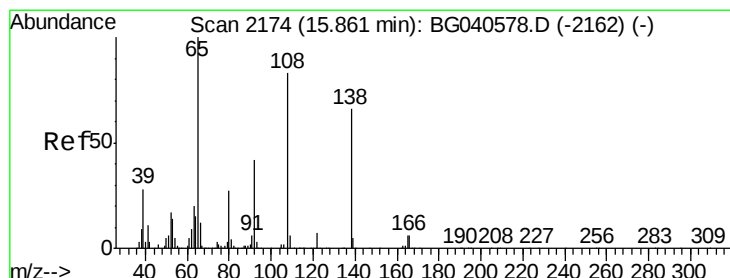
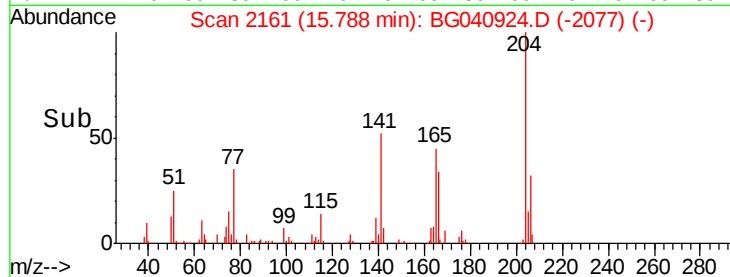
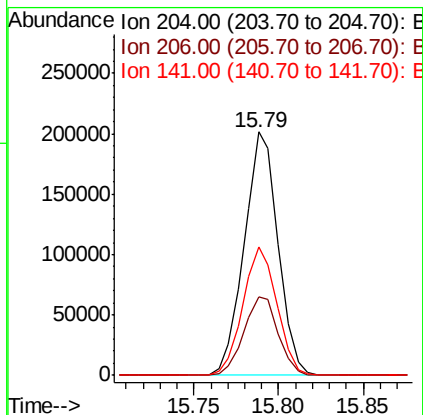
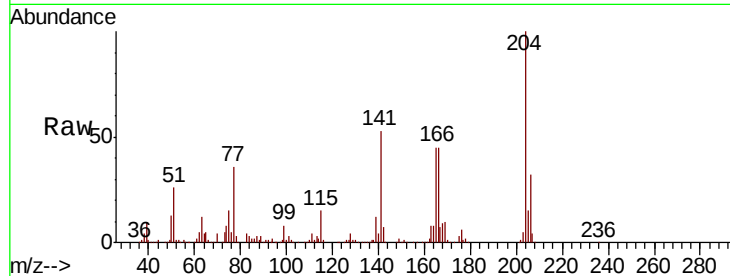




#61  
 4-Chlorophenyl-phenylether  
 Concen: 14.144 ng  
 RT: 15.79 min Scan# 2161  
 Delta R.T. -0.04 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

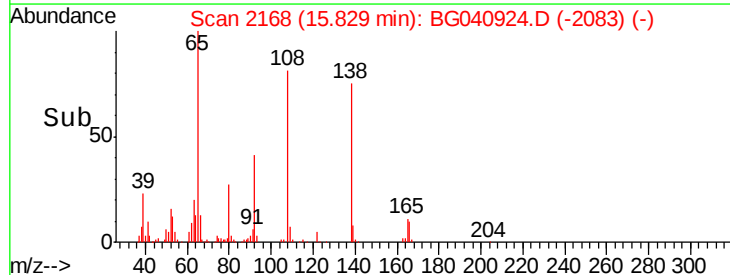
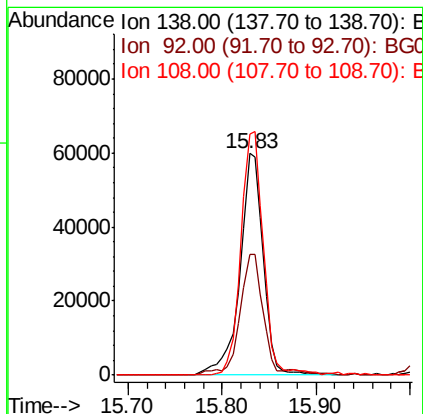
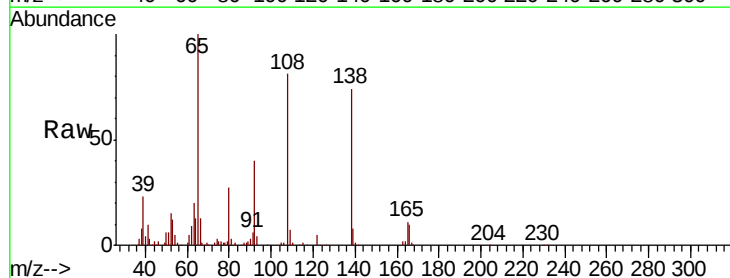
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

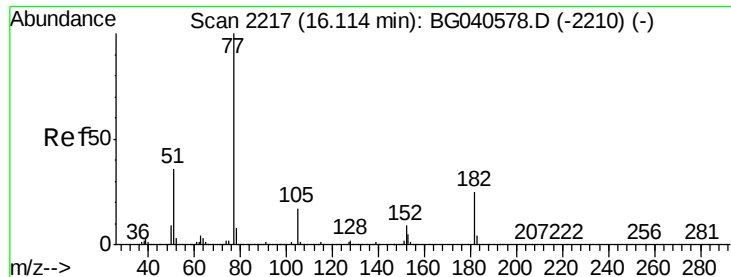
Tgt Ion: 204 Resp: 280372  
 Ion Ratio Lower Upper  
 204 100  
 206 32.3 27.4 41.2  
 141 52.6 46.0 69.0



#62  
 4-Nitroaniline  
 Concen: 12.830 ng  
 RT: 15.83 min Scan# 2168  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

Tgt Ion: 138 Resp: 102975  
 Ion Ratio Lower Upper  
 138 100  
 92 54.3 43.9 83.9  
 108 108.9 106.5 146.5





#63

Azobenzene

Concen: 11.484 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

Tgt Ion: 77 Resp: 447707

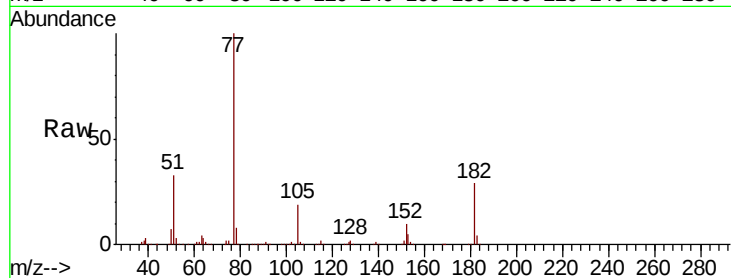
Ion Ratio Lower Upper

77 100

182 28.6 5.0 45.0

105 18.5 0.0 37.6

51 33.0 16.3 56.3

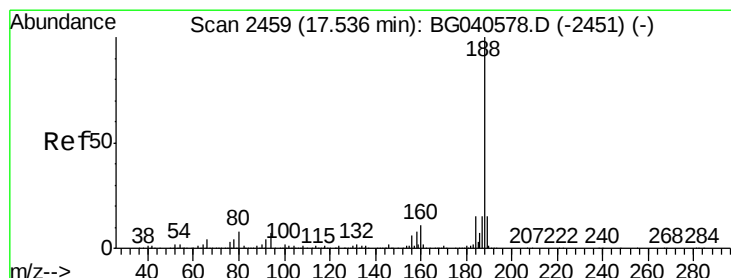
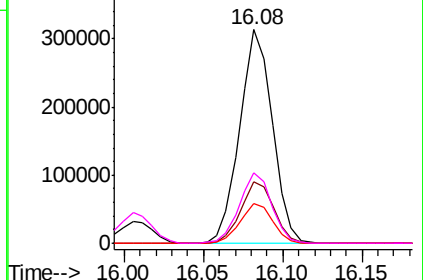
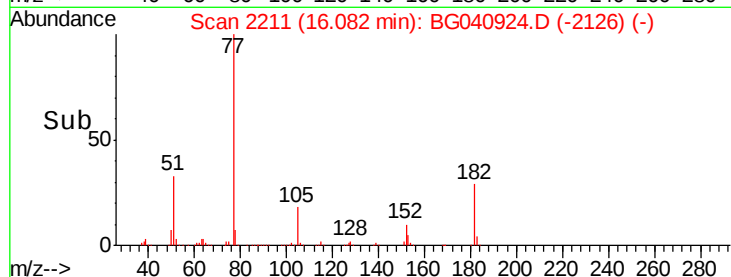


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

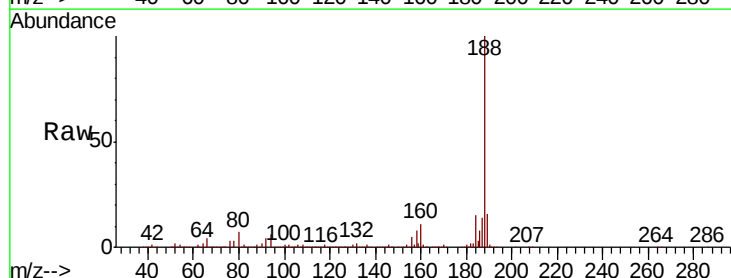
Tgt Ion: 188 Resp: 1061257

Ion Ratio Lower Upper

188 100

94 6.2 5.6 8.4

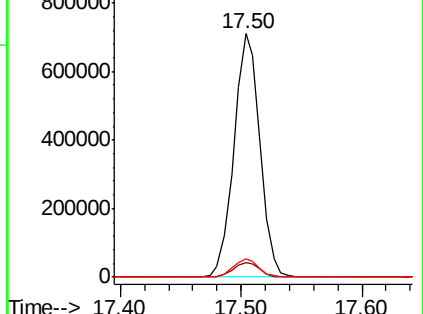
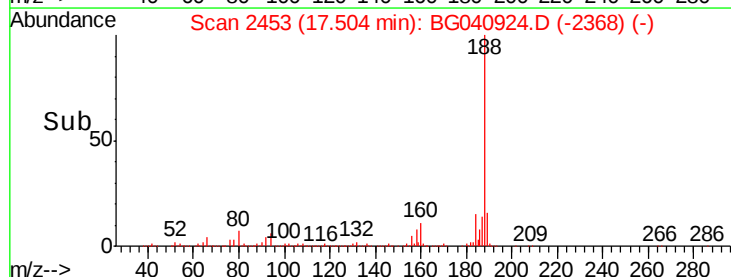
80 7.4 6.4 9.6



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: 19.950 ng

RT: 15.88 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

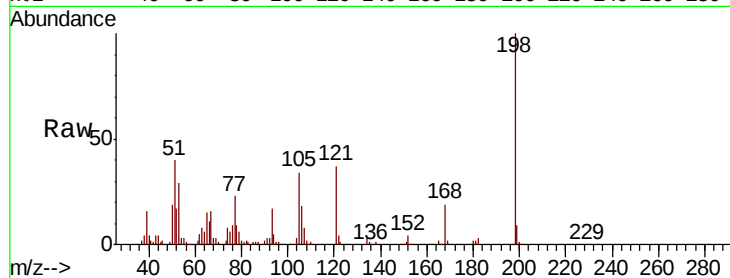
Tgt Ion:198 Resp: 78853

Ion Ratio Lower Upper

198 100

51 39.6 35.9 75.9

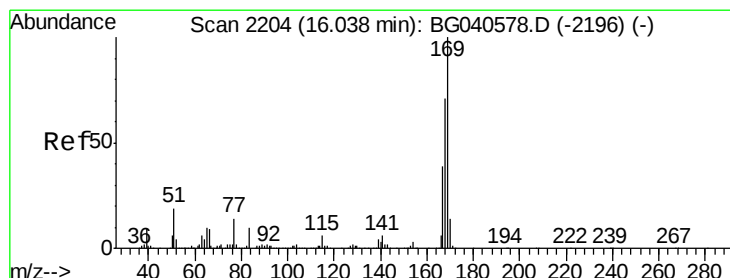
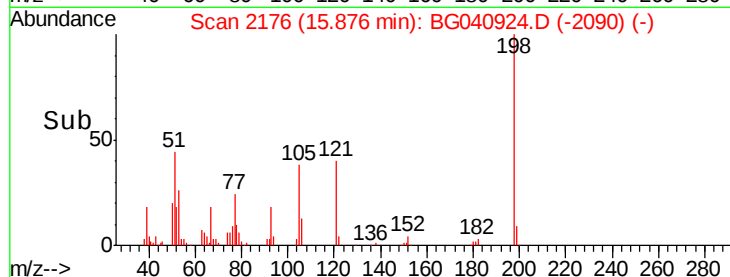
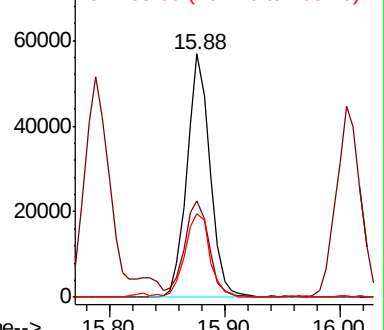
105 34.4 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040578.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG040578.D (-2174) (-)



#66

n-Nitrosodiphenylamine

Concen: 13.335 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

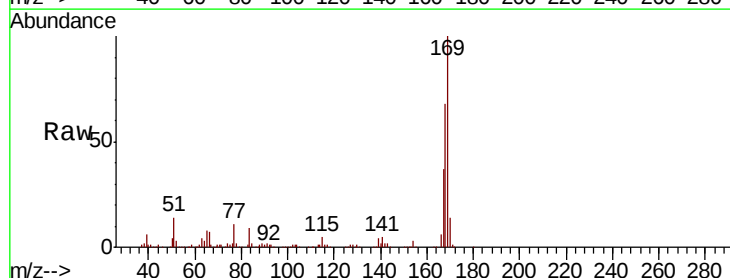
Tgt Ion:169 Resp: 416352

Ion Ratio Lower Upper

169 100

168 67.9 56.8 85.2

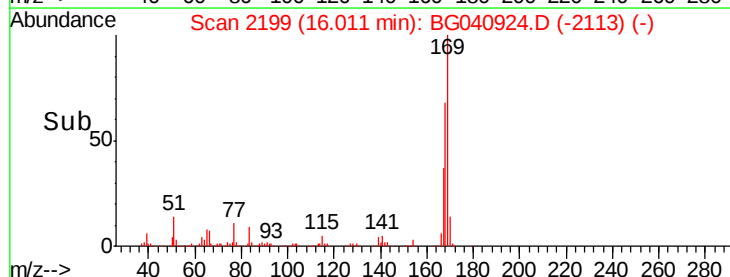
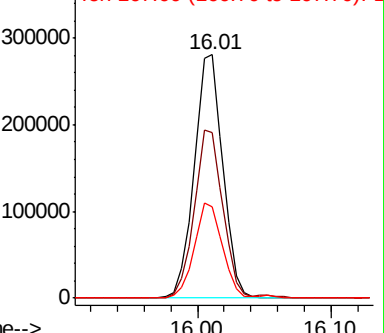
167 37.5 31.4 47.0

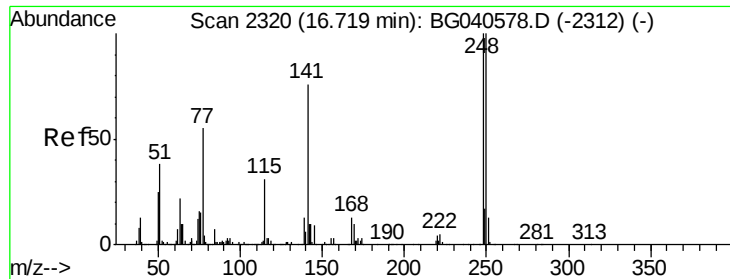


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG040578.D (-2196) (-)

Ion 167.00 (166.70 to 167.70): BG040578.D (-2196) (-)

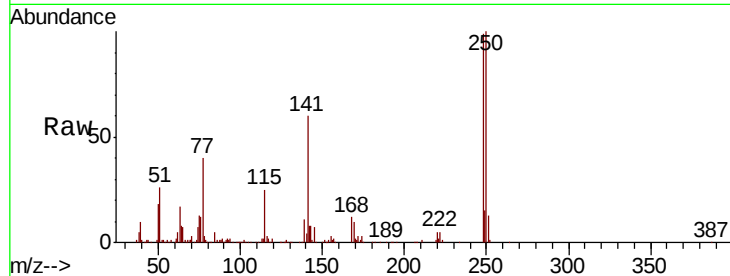




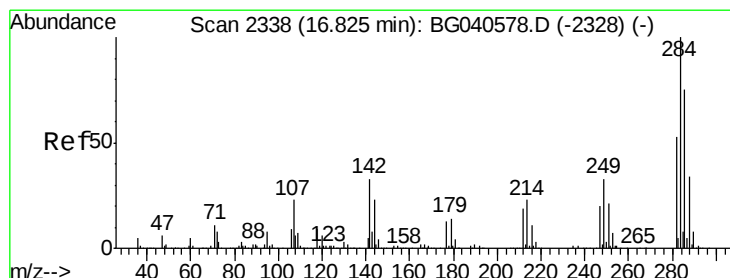
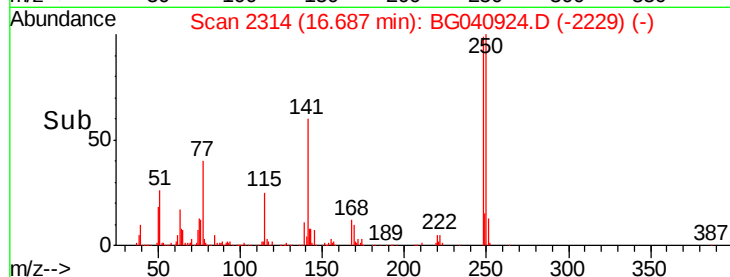
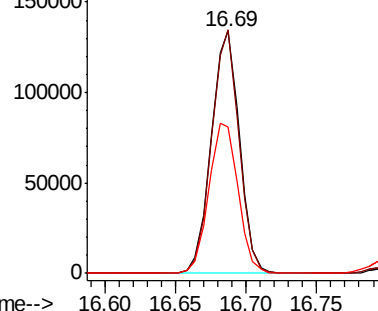
#67  
4-Bromophenyl-phenylether  
Concen: 14.062 ng  
RT: 16.69 min Scan# 2314  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

Tgt Ion:248 Resp: 185930  
Ion Ratio Lower Upper  
248 100  
250 100.5 79.8 119.6  
141 60.6 60.8 91.2#

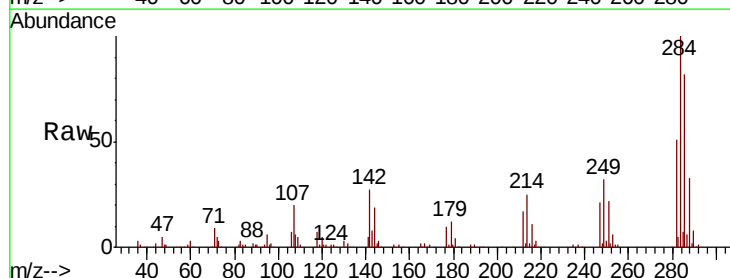


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

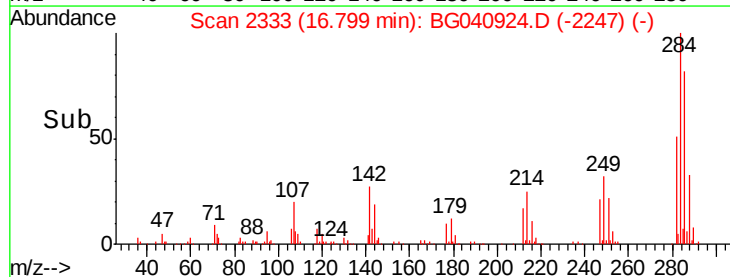
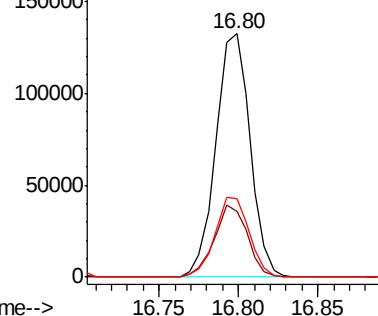


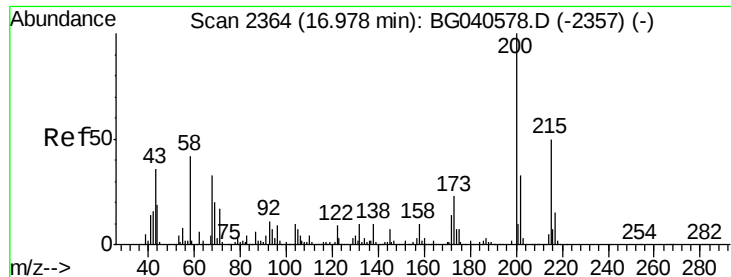
#68  
Hexachlorobenzene  
Concen: 14.541 ng  
RT: 16.80 min Scan# 2333  
Delta R.T. -0.03 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Tgt Ion:284 Resp: 198802  
Ion Ratio Lower Upper  
284 100  
142 26.8 26.6 40.0  
249 32.1 26.0 39.0



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





#69

Atrazine

Concen: 13.876 ng

RT: 16.95 min Scan# 2358

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

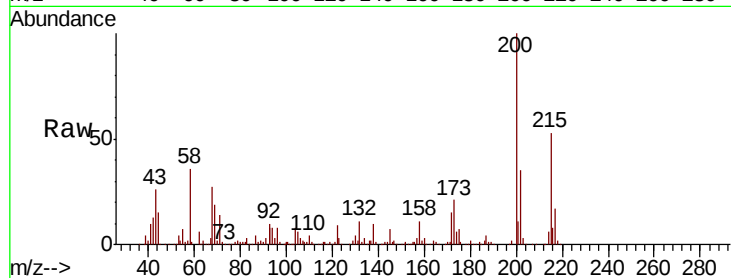
Tgt Ion:200 Resp: 171649

Ion Ratio Lower Upper

200 100

173 21.3 2.8 42.8

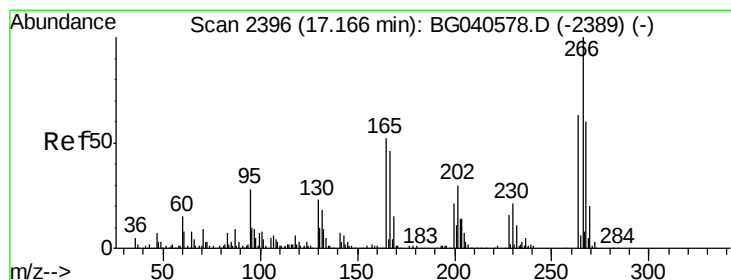
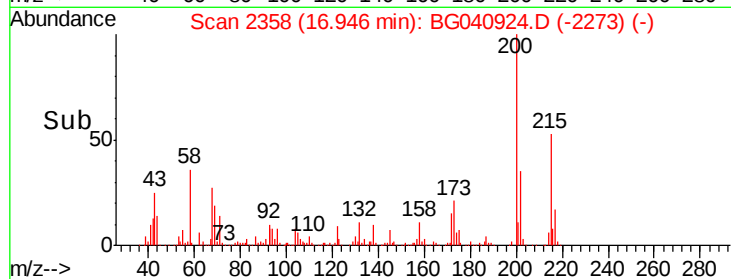
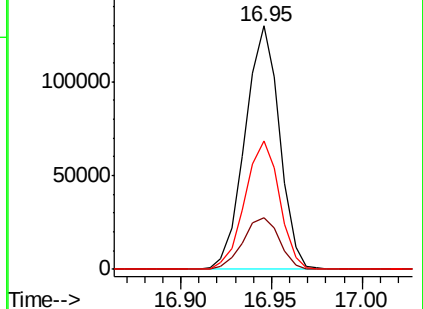
215 52.9 30.2 70.2



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: 31.296 ng

RT: 17.15 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

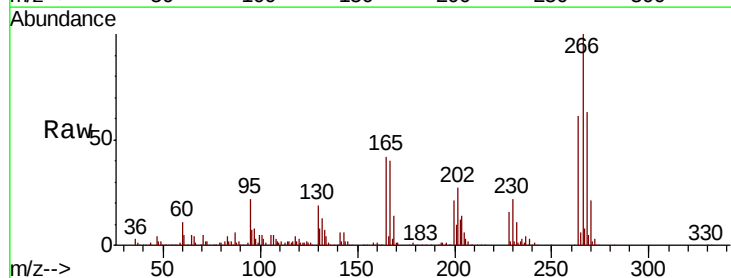
Tgt Ion:266 Resp: 250369

Ion Ratio Lower Upper

266 100

268 63.2 52.3 78.5

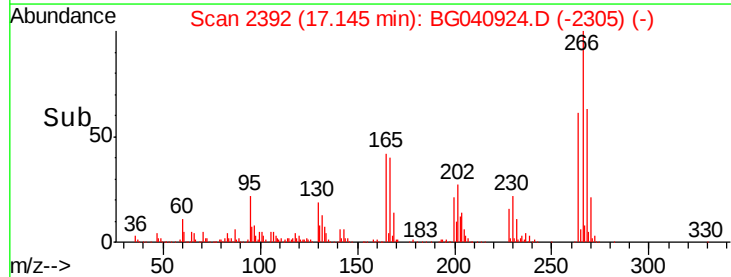
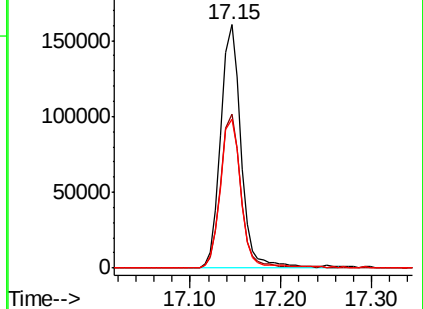
264 61.1 50.0 75.0

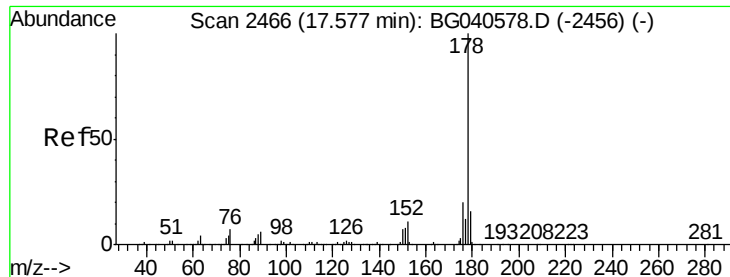


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

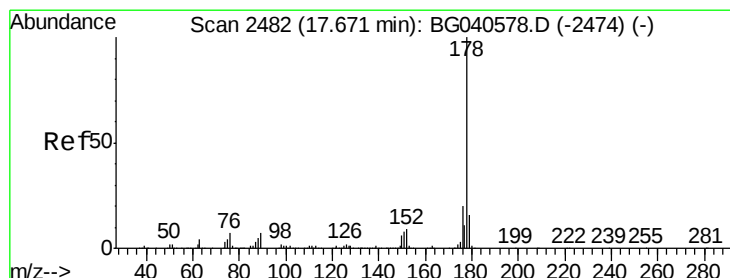
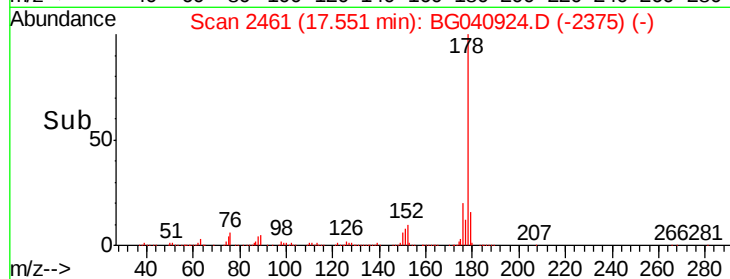
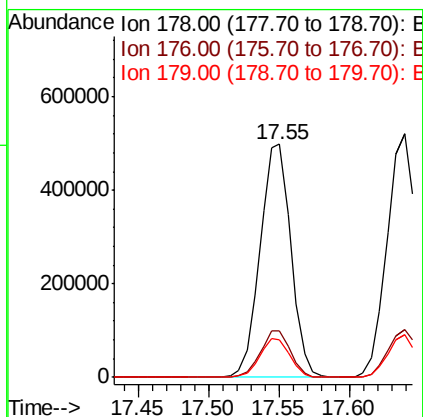
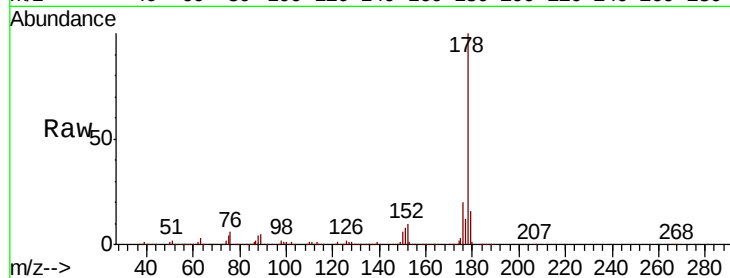




#71  
 Phenanthrene  
 Concen: 13.394 ng  
 RT: 17.55 min Scan# 2461  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

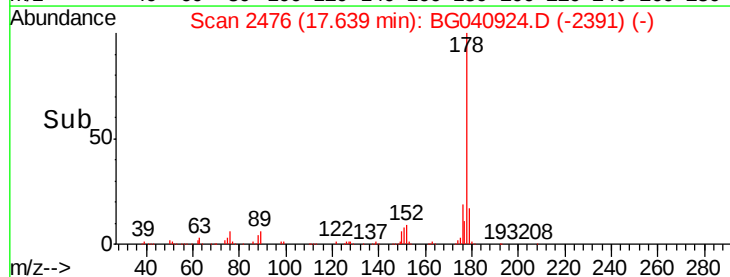
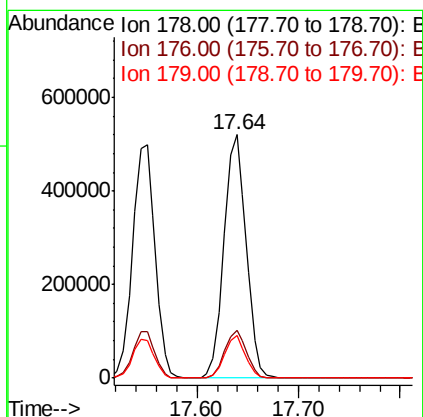
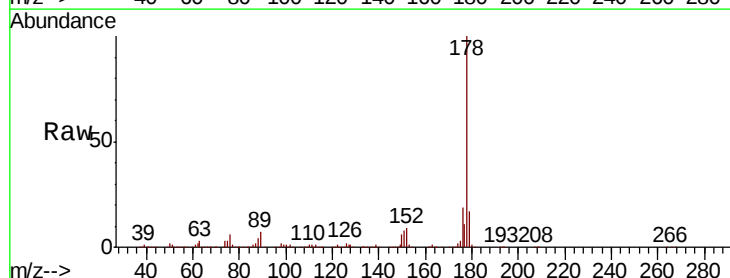
Instrument :  
 BNA\_G  
 ClientSampleId :  
 IDOC-04

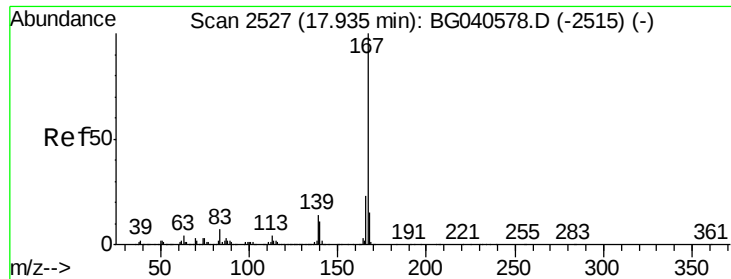
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.8  | 23.6  |
| 179     | 16.2  | 12.6  | 18.8  |



#72  
 Anthracene  
 Concen: 13.738 ng  
 RT: 17.64 min Scan# 2476  
 Delta R.T. -0.03 min  
 Lab File: BG040924.D  
 Acq: 13 May 2019 23:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.6  | 23.4  |
| 179     | 17.3  | 12.9  | 19.3  |





#73

Carbazole

Concen: 13.146 ng

RT: 17.91 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

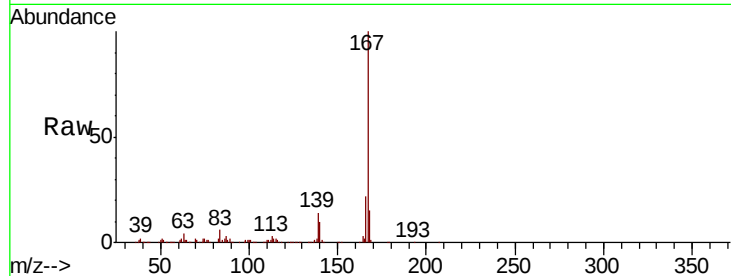
Tgt Ion:167 Resp: 688167

Ion Ratio Lower Upper

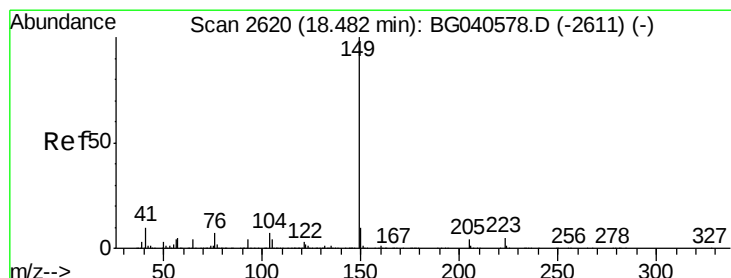
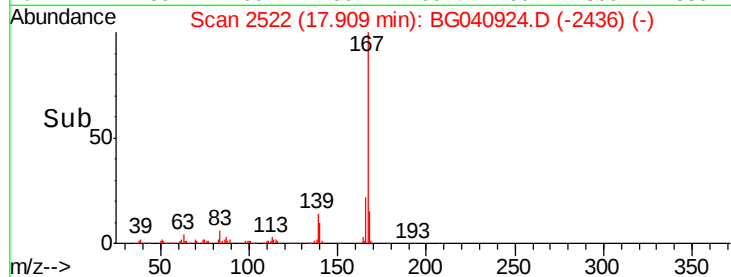
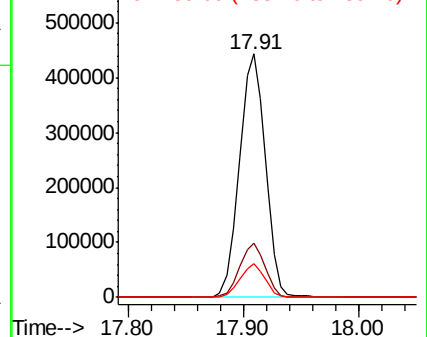
167 100

166 22.4 18.2 27.4

139 13.6 11.4 17.0



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



#74

Di-n-butylphthalate

Concen: 13.179 ng

RT: 18.44 min Scan# 2613

Delta R.T. -0.04 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

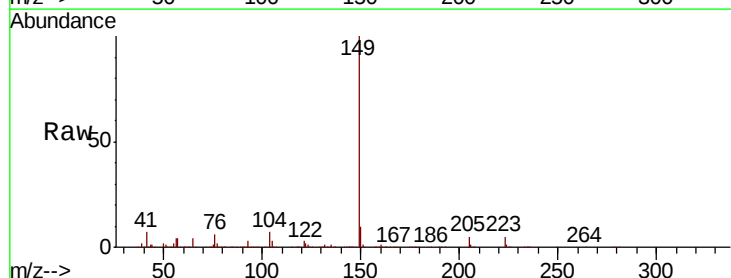
Tgt Ion:149 Resp: 832670

Ion Ratio Lower Upper

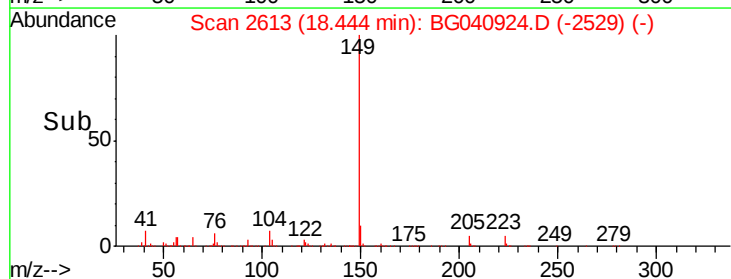
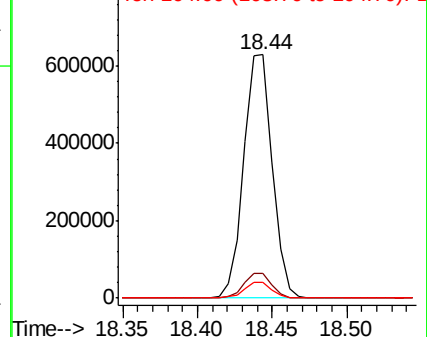
149 100

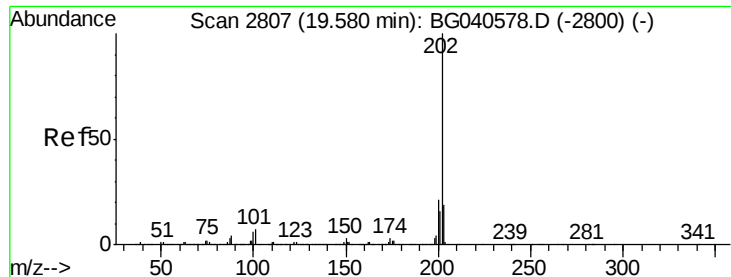
150 10.0 8.2 12.2

104 6.5 5.4 8.2



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: 14.010 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

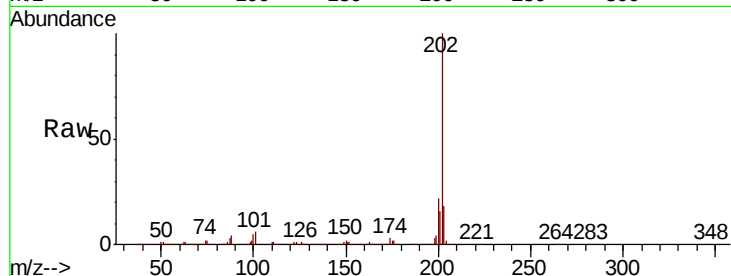
Tgt Ion:202 Resp: 997993

Ion Ratio Lower Upper

202 100

101 6.5 0.0 27.5

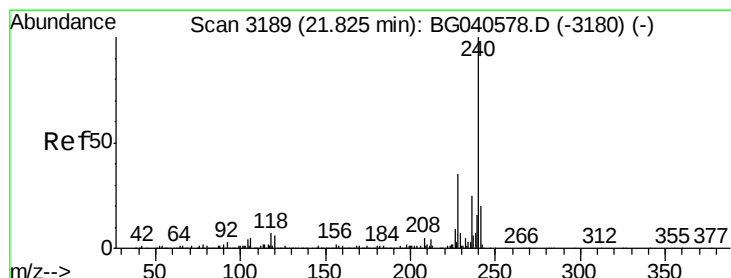
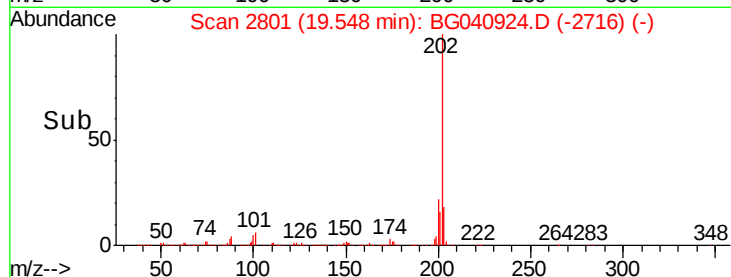
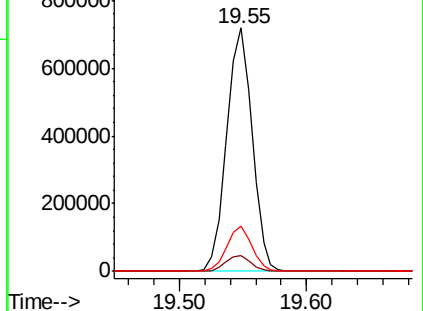
203 18.3 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

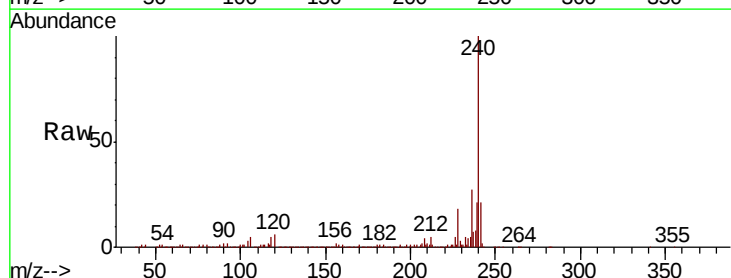
Tgt Ion:240 Resp: 1051780

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

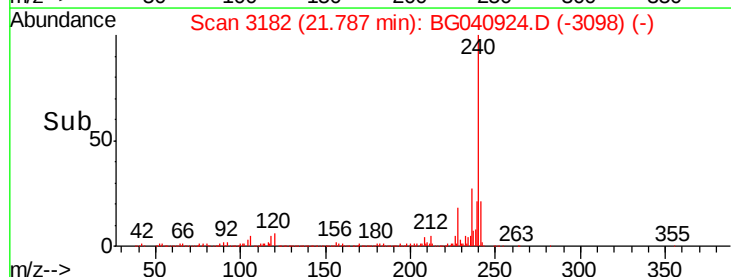
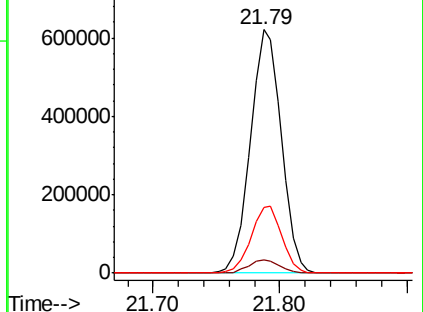
236 27.0 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.390 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

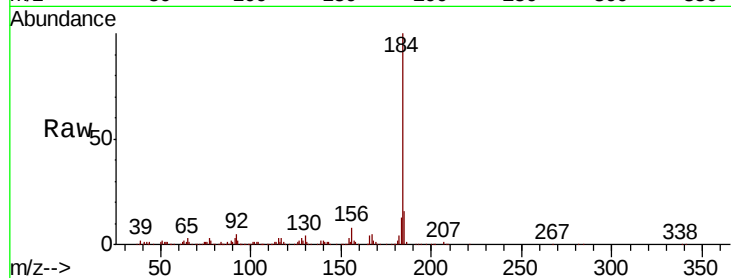
Tgt Ion:184 Resp: 299213

Ion Ratio Lower Upper

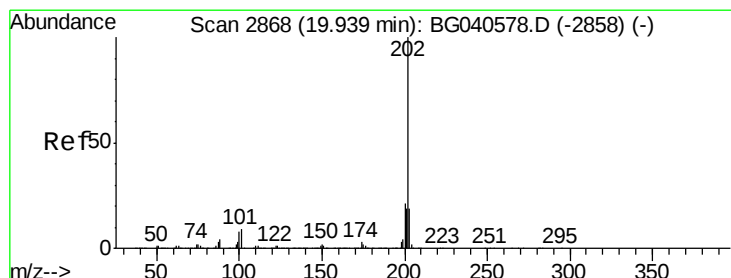
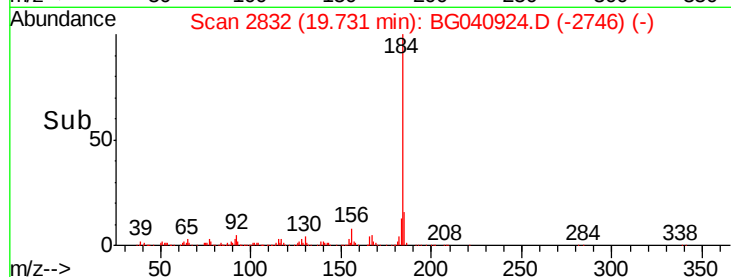
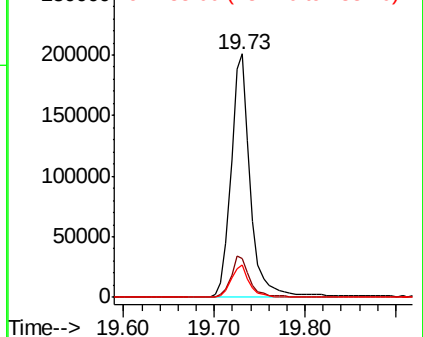
184 100

185 15.9 11.8 17.8

183 13.4 10.2 15.2



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: 15.122 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

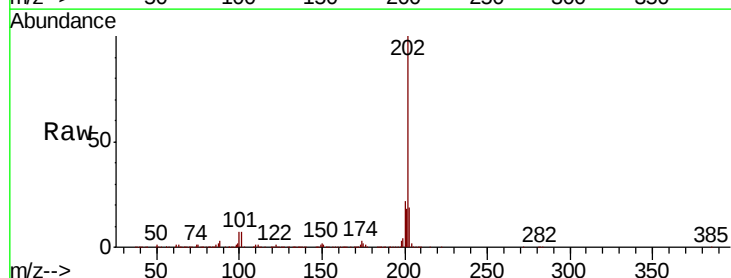
Tgt Ion:202 Resp: 996855

Ion Ratio Lower Upper

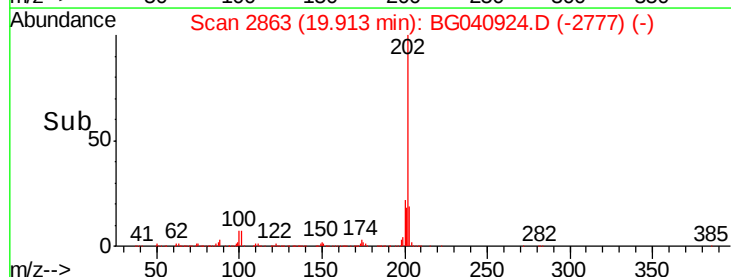
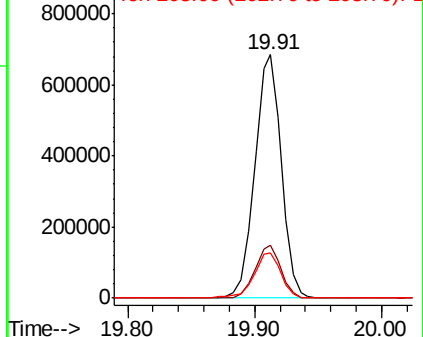
202 100

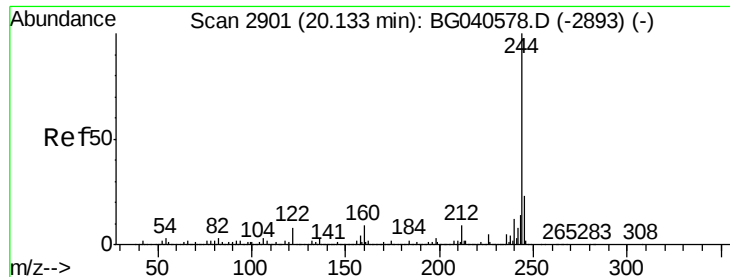
200 21.7 17.2 25.8

203 18.8 15.0 22.4



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: 60.106 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

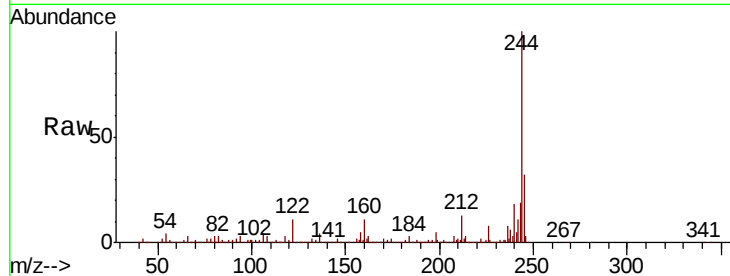
Tgt Ion:244 Resp: 2853533

Ion Ratio Lower Upper

244 100

212 12.6 7.2 10.8#

122 11.3 6.6 10.0#

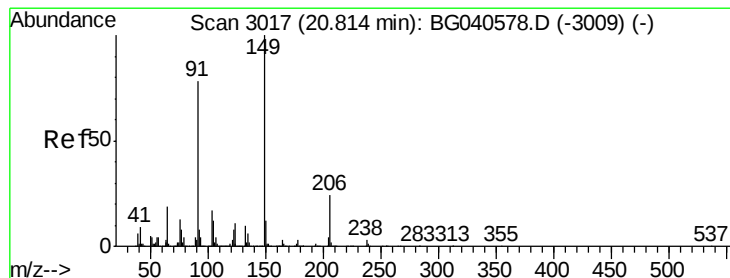
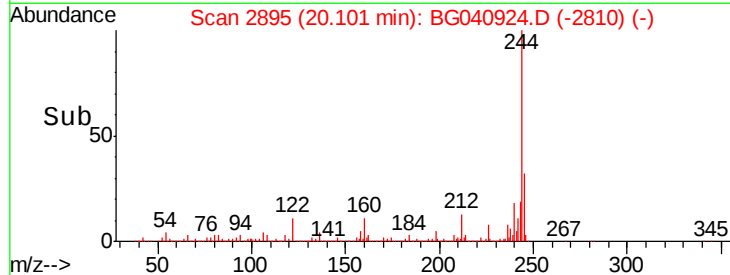
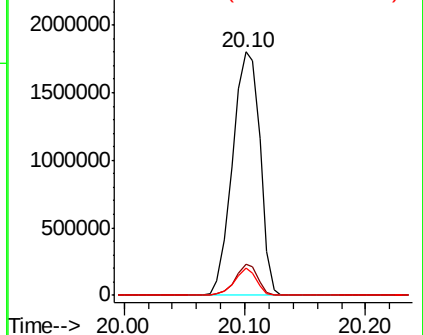


Abundance

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: 14.736 ng

RT: 20.78 min Scan# 3010

Delta R.T. -0.04 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

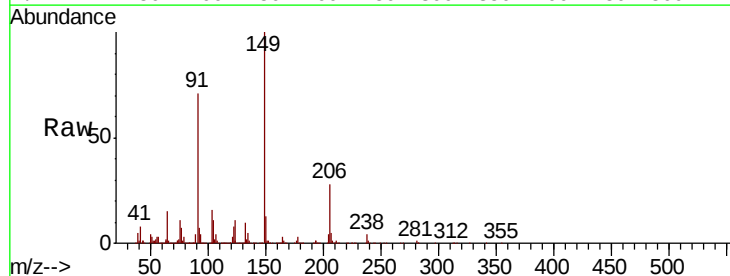
Tgt Ion:149 Resp: 378619

Ion Ratio Lower Upper

149 100

91 70.6 62.6 93.8

206 28.3 19.4 29.2

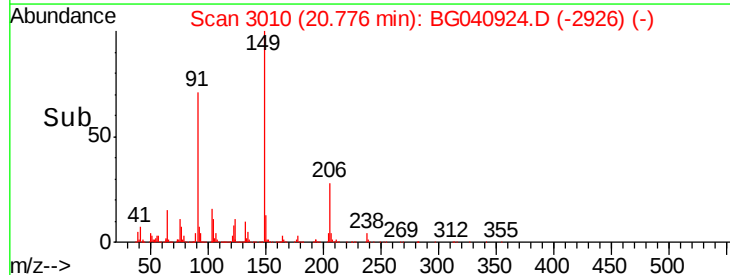
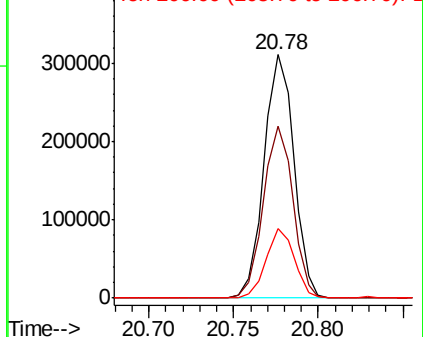


Abundance

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: 14.678 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.03 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

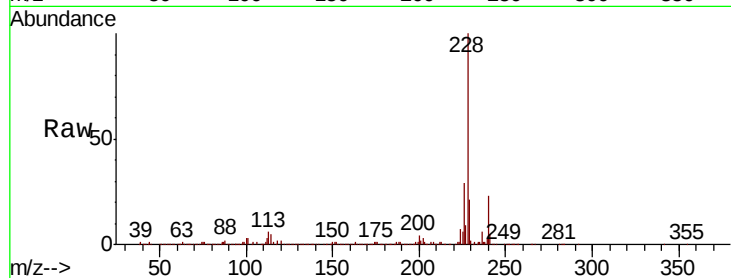
Tgt Ion:228 Resp: 975691

Ion Ratio Lower Upper

228 100

226 28.5 23.1 34.7

229 20.7 17.0 25.4

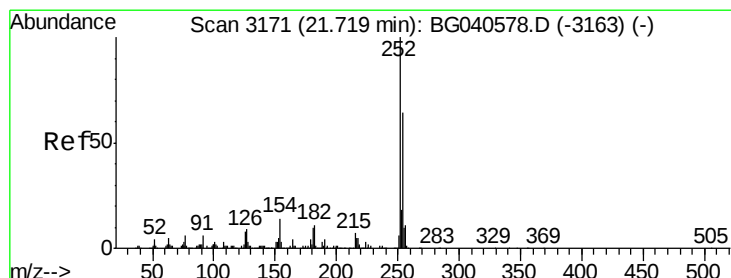
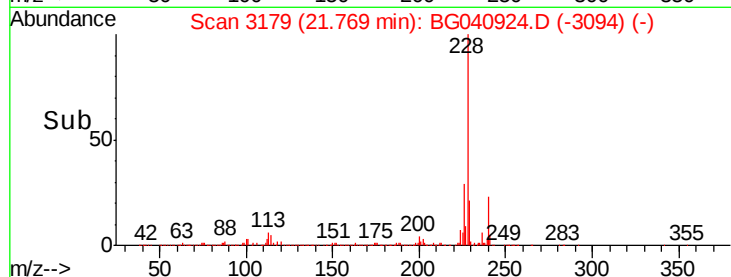
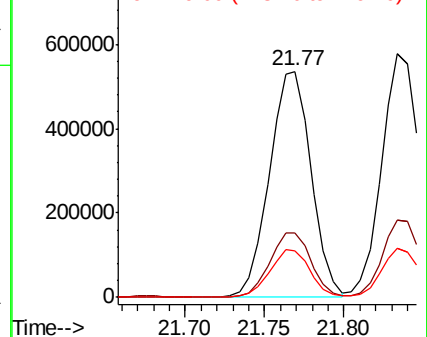


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.890 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

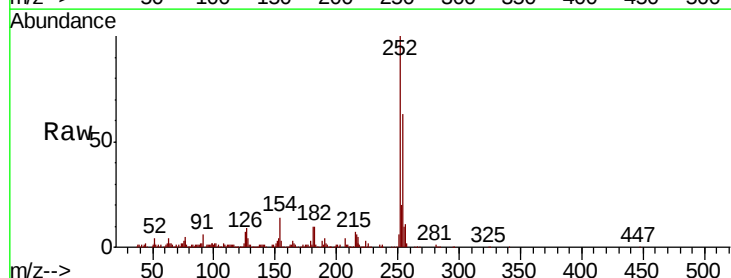
Tgt Ion:252 Resp: 258022

Ion Ratio Lower Upper

252 100

254 62.5 51.2 76.8

126 7.2 6.6 10.0

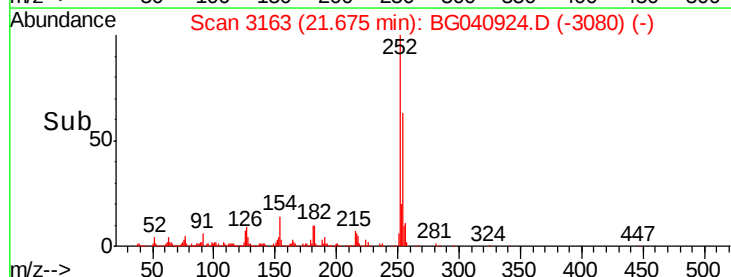
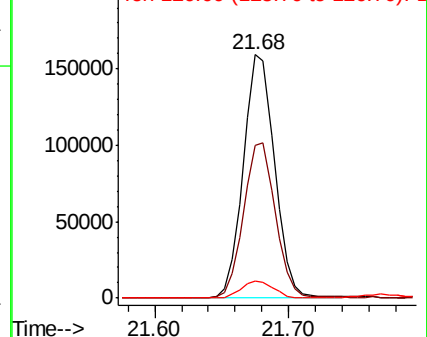


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 15.187 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.04 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

Instrument :

BNA\_G

ClientSampleId :

IDOC-04

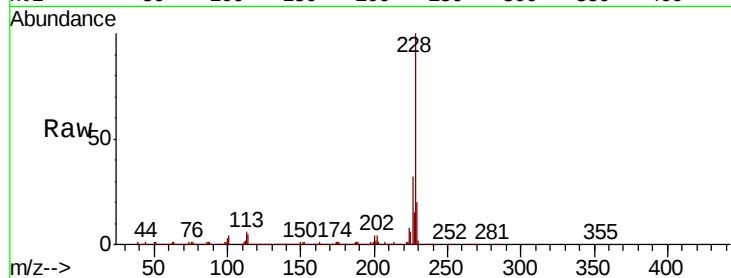
Tgt Ion:228 Resp: 960114

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

229 20.4 16.8 25.2

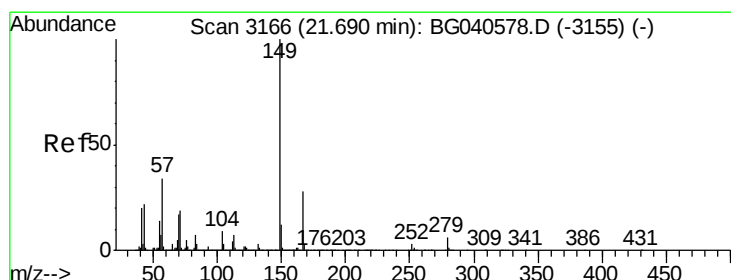
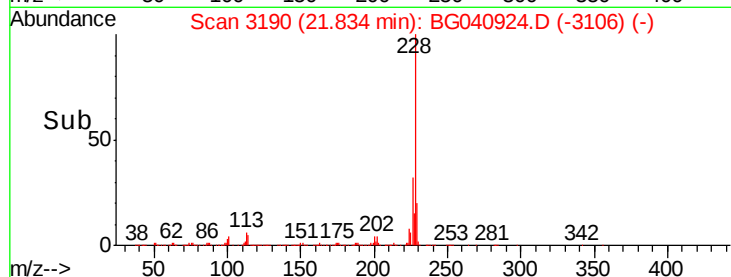
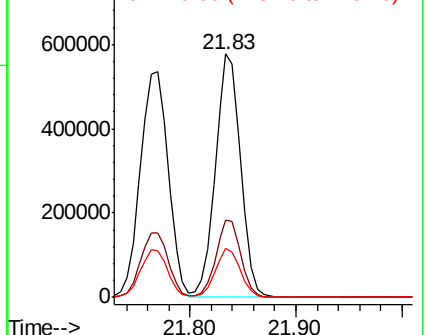


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.376 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.06 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

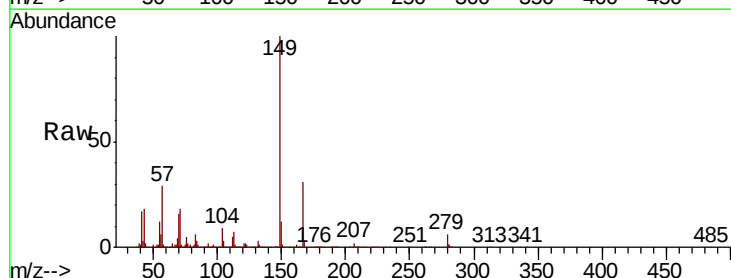
Tgt Ion:149 Resp: 533183

Ion Ratio Lower Upper

149 100

167 30.9 22.4 33.6

279 6.3 4.6 6.8

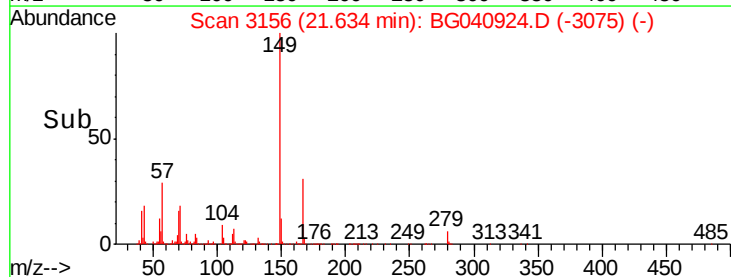
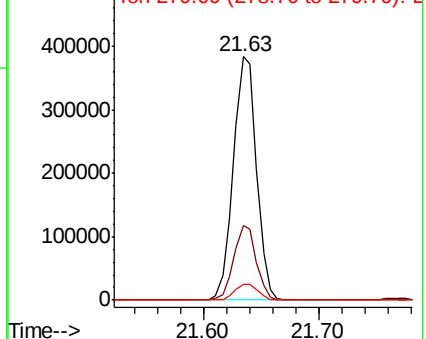


Abundance

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: 14.655 ng

RT: 22.89 min Scan# 3369

Delta R.T. -0.08 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

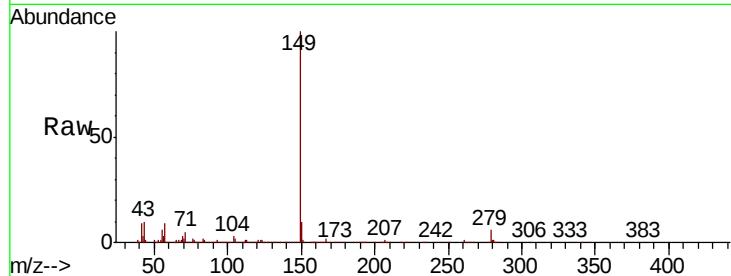
Instrument :

BNA\_G

ClientSampleId :

IDOC-04

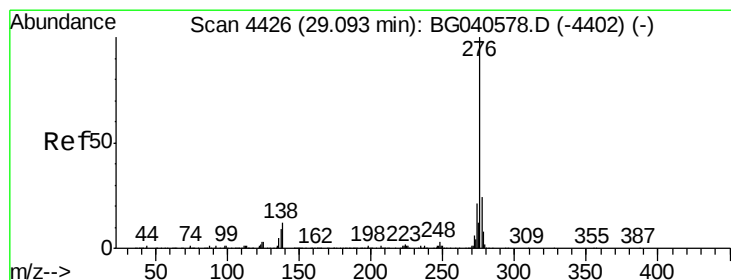
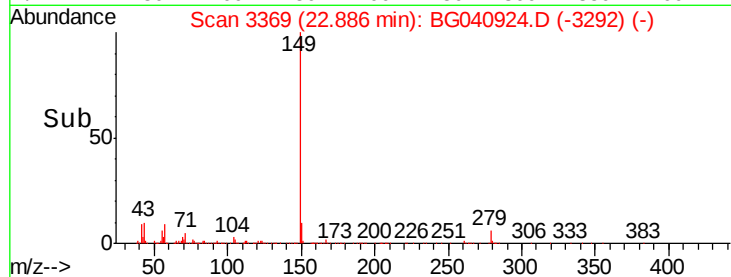
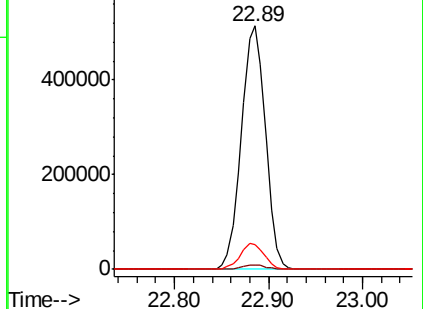
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 915357 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 1.8  | 1.4   | 2.2    |
| 43        | 10.3 | 10.2  | 15.2   |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 15.441 ng

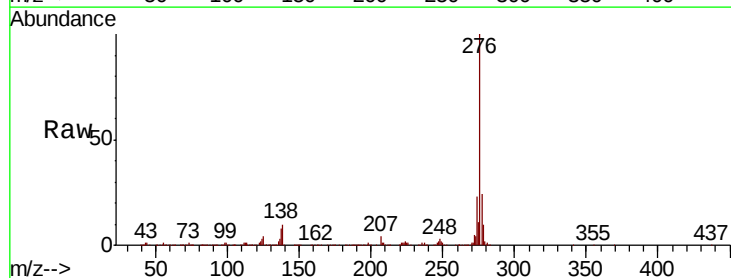
RT: 28.97 min Scan# 4405

Delta R.T. -0.12 min

Lab File: BG040924.D

Acq: 13 May 2019 23:12

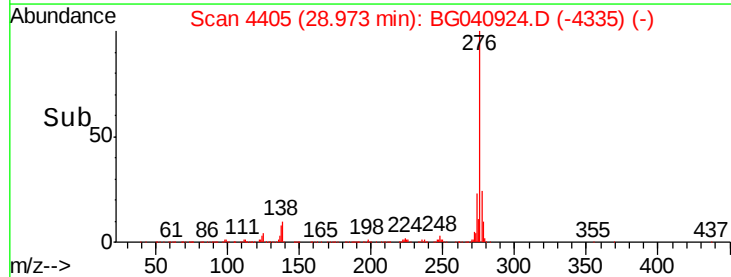
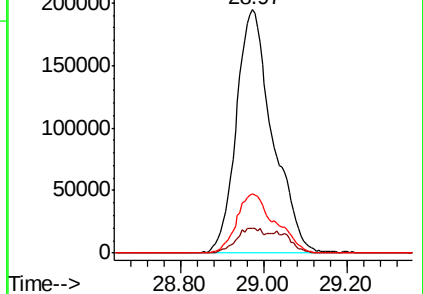
|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 276  | Resp: | 1180197 |
| Ion Ratio |      | Lower | Upper   |
| 276       | 100  |       |         |
| 138       | 7.5  | 9.8   | 14.6#   |
| 277       | 25.8 | 17.3  | 25.9    |

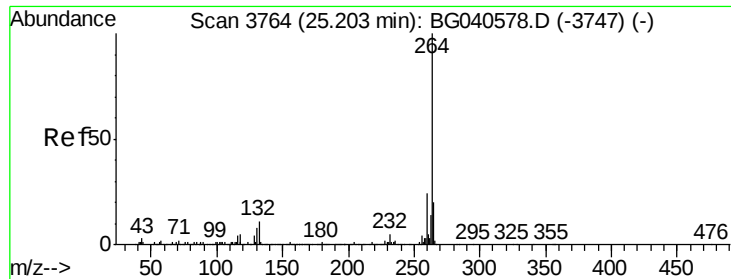


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



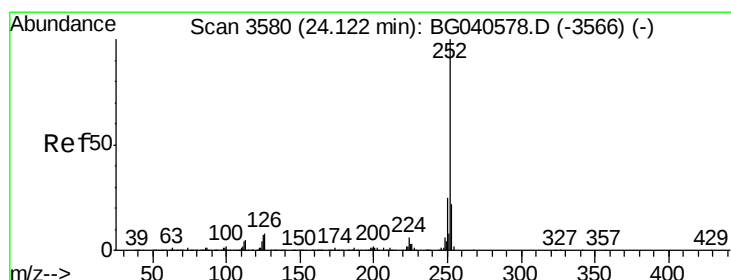
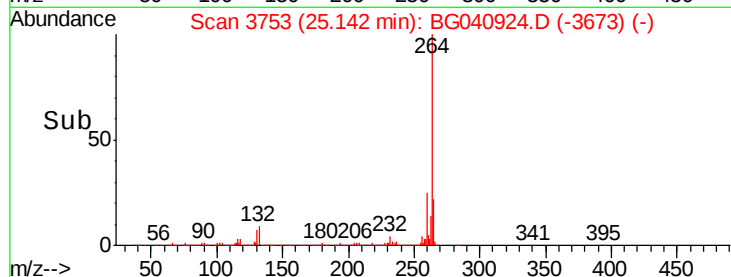
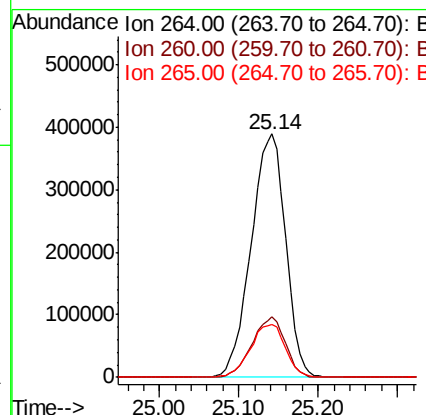
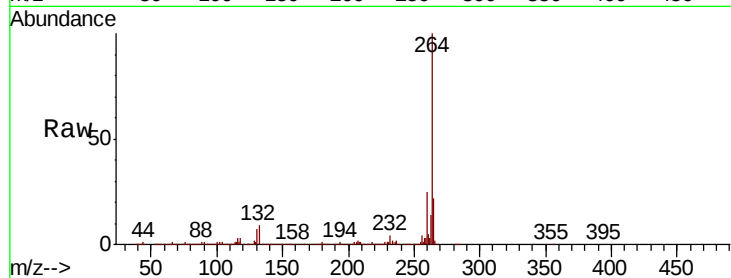


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.14 min Scan# 3753  
Delta R.T. -0.06 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

Tgt Ion:264 Resp: 1178315  

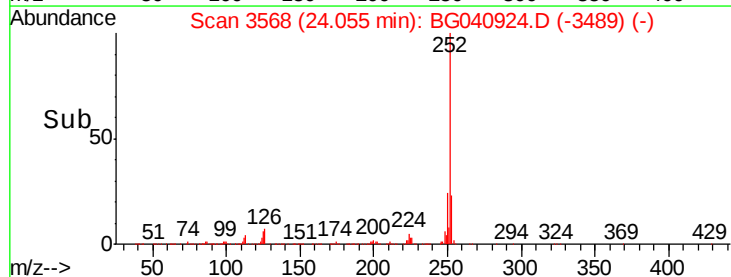
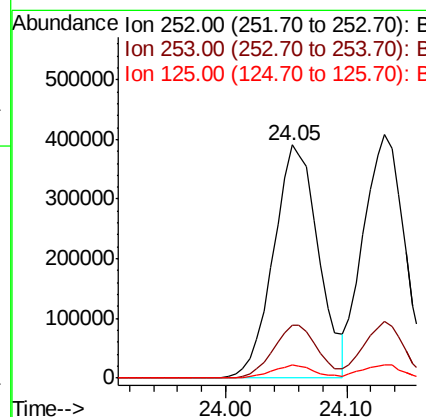
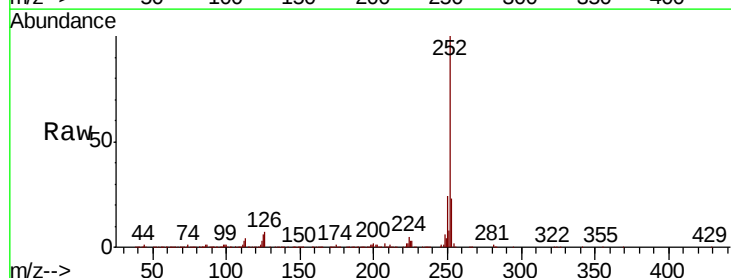
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.7  | 19.2  | 28.8  |
| 265 | 21.7  | 16.6  | 25.0  |



#88  
Benzo(b)fluoranthene  
Concen: 13.987 ng  
RT: 24.05 min Scan# 3568  
Delta R.T. -0.07 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Tgt Ion:252 Resp: 1007137  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.7  | 17.6  | 26.4  |
| 125 | 5.6   | 5.4   | 8.0   |

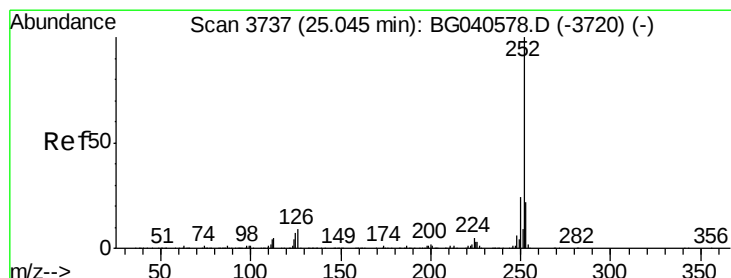
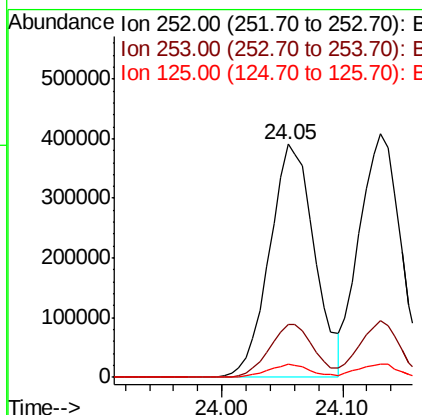
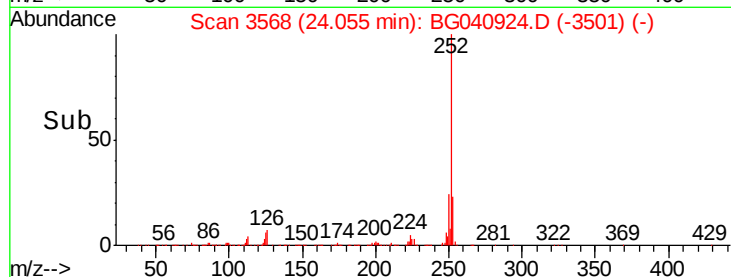
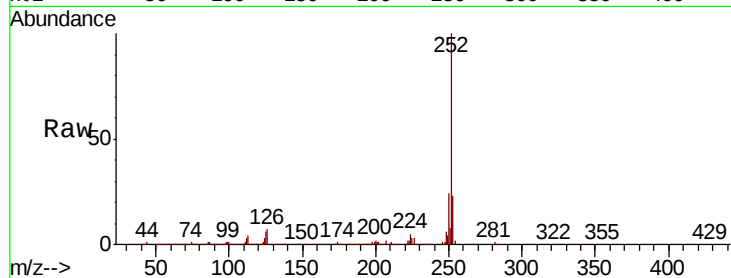




#89  
Benzo(k)fluoranthene  
Concen: 14.977 ng  
RT: 24.05 min Scan# 3568  
Delta R.T. -0.14 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

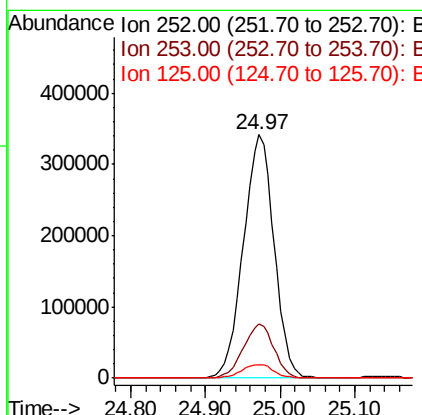
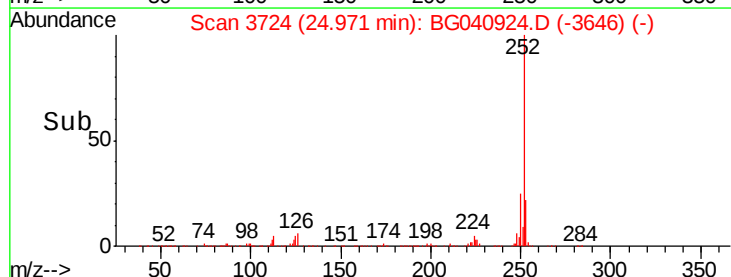
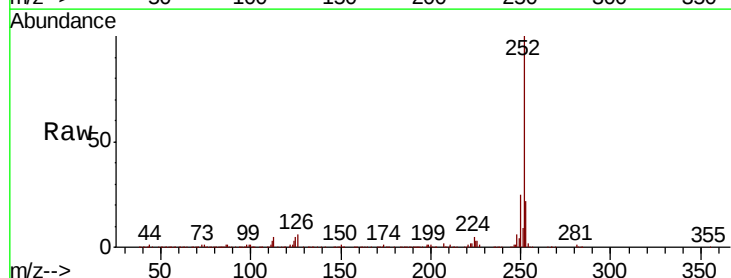
Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

Tgt Ion:252 Resp: 1007137  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.6 26.4  
125 5.6 5.5 8.3



#90  
Benzo(a)pyrene  
Concen: 14.316 ng  
RT: 24.97 min Scan# 3724  
Delta R.T. -0.07 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Tgt Ion:252 Resp: 975739  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.6  
125 5.5 5.7 8.5#

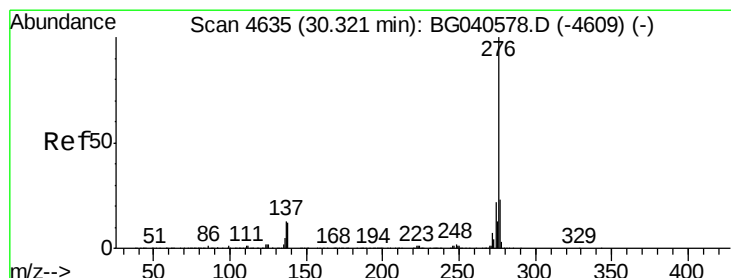
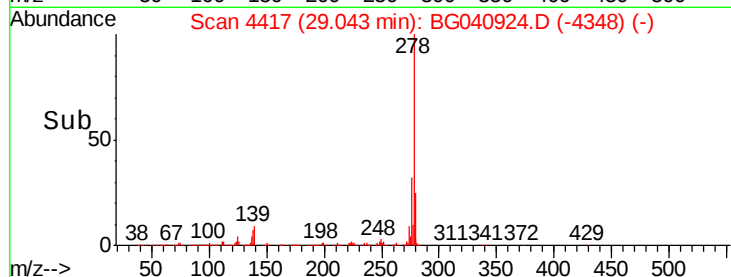
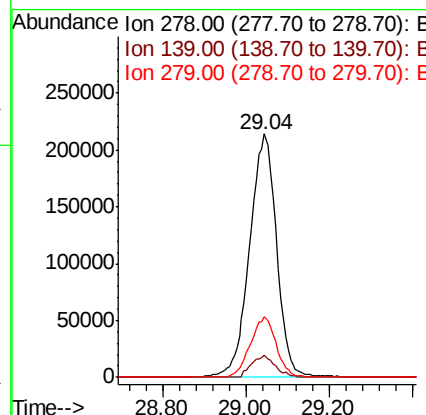
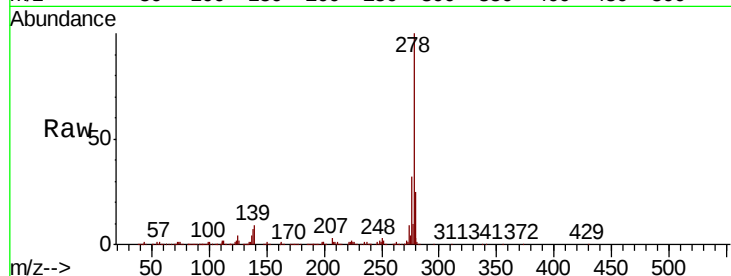




#91  
Dibenzo(a,h)anthracene  
Concen: 14.059 ng  
RT: 29.04 min Scan# 4417  
Delta R.T. -0.13 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

Instrument :  
BNA\_G  
ClientSampleId :  
IDOC-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.9   | 8.2   | 12.4  |
| 279     | 24.6  | 18.5  | 27.7  |



#92  
Benzo(g,h,i)perylene  
Concen: 14.272 ng  
RT: 30.19 min Scan# 4612  
Delta R.T. -0.13 min  
Lab File: BG040924.D  
Acq: 13 May 2019 23:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 18.4  | 27.6  |
| 138     | 11.3  | 9.8   | 14.6  |

