

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG071218\  
 Data File : BG035608.D  
 Acq On : 12 Jul 2018 23:46  
 Operator : JU/SJ  
 Sample : J3947-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

Quant Time: Jul 13 00:42:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 12 14:43:32 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 40947    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 155163   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.68 | 164  | 110818   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.42 | 188  | 314040   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 351075   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.90 | 264  | 337556   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.64  | 112  | 350999   | 142.32 | ng    | 0.00     |
| 7) Phenol-d6                | 7.22  | 99   | 456683   | 124.11 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 366875   | 98.77  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.16 | 330  | 232492   | 159.17 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 804585   | 97.27  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.02 | 244  | 1592849  | 100.01 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88   | 59       | 0.047  | ng    | # 1    |
| 3) Pyridine                    | 3.86  | 79   | 84       | 0.026  | ng    | # 8    |
| 4) n-Nitrosodimethylamine      | 3.88  | 42   | 534      | 0.380  | ng    | # 1    |
| 6) Aniline                     | 7.22  | 93   | 140      | 0.029  | ng    | # 1    |
| 8) 2-Chlorophenol              | 7.62  | 128  | 128      | 0.051  | ng    | # 1    |
| 9) Benzaldehyde                | 7.22  | 77   | 1032     | 0.457  | ng    | # 5    |
| 10) Phenol                     | 7.22  | 94   | 86       | 0.023  | ng    | # 1    |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93   | 629      | 0.216  | ng    | # 1    |
| 12) 1,3-Dichlorobenzene        | 8.38  | 146  | 187      | 0.062  | ng    | # 1    |
| 13) 1,4-Dichlorobenzene        | 8.38  | 146  | 187      | 0.061  | ng    | # 1    |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146  | 187      | 0.063  | ng    | # 1    |
| 15) Benzyl Alcohol             | 8.38  | 79   | 6644     | 1.988  | ng    | # 54   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45   | 343      | 0.141  | ng    | # 75   |
| 17) 2-Methylphenol             | 8.35  | 107  | 62       | 0.025  | ng    | # 13   |
| 18) Hexachloroethane           | 9.14  | 117  | 68       | 0.058  | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 9.22  | 70   | 53822    | 17.369 | ng    | # 68   |
| 20) 3+4-Methylphenols          | 8.85  | 107  | 54       | 0.015  | ng    | # 24   |
| 22) Acetophenone               | 8.89  | 105  | 803      | 0.166  | ng    | # 50   |
| 24) Nitrobenzene               | 9.27  | 77   | 54       | 0.014  | ng    | # 42   |
| 25) Isophorone                 | 9.81  | 82   | 240      | 0.035  | ng    | # 31   |
| 26) 2-Nitrophenol              | 9.83  | 139  | 68       | 0.051  | ng    | # 29   |
| 27) 2,4-Dimethylphenol         | 9.90  | 122  | 56       | 0.025  | ng    | # 1    |
| 28) bis(2-Chloroethoxy)methane | 10.68 | 93   | 56       | 0.015  | ng    | # 51   |
| 29) 2,4-Dichlorophenol         | 10.12 | 162  | 59       | 0.023  | ng    | # 23   |
| 31) Naphthalene                | 10.91 | 128  | 15476    | 1.915  | ng    | # 99   |
| 32) Benzoic acid               | 9.90  | 122  | 56       | 0.037  | ng    | # 1    |
| 33) 4-Chloroaniline            | 10.91 | 127  | 2155     | 0.612  | ng    | # 49   |
| 34) Hexachlorobutadiene        | 10.88 | 225  | 57       | 0.023  | ng    | # 20   |
| 35) Caprolactam                | 11.86 | 113  | 81       | 0.074  | ng    | # 1    |
| 37) 2-Methylnaphthalene        | 12.51 | 142  | 2482     | 0.412  | ng    | # 80   |
| 40) Hexachlorocyclopentadiene  | 13.00 | 237  | 59       | 0.027  | ng    | # 22   |
| 42) 2,4,6-Trichlorophenol      | 13.06 | 196  | 61       | 0.025  | ng    | # 11   |
| 43) 2,4,5-Trichlorophenol      | 13.19 | 196  | 66       | 0.024  | ng    | # 17   |
| 45) 1,1'-Biphenyl              | 13.50 | 154  | 1518     | 0.177  | ng    | # 74   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG071218\  
 Data File : BG035608.D  
 Acq On : 12 Jul 2018 23:46  
 Operator : JU/SJ  
 Sample : J3947-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

Quant Time: Jul 13 00:42:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 12 14:43:32 2018  
 Response via : Initial Calibration

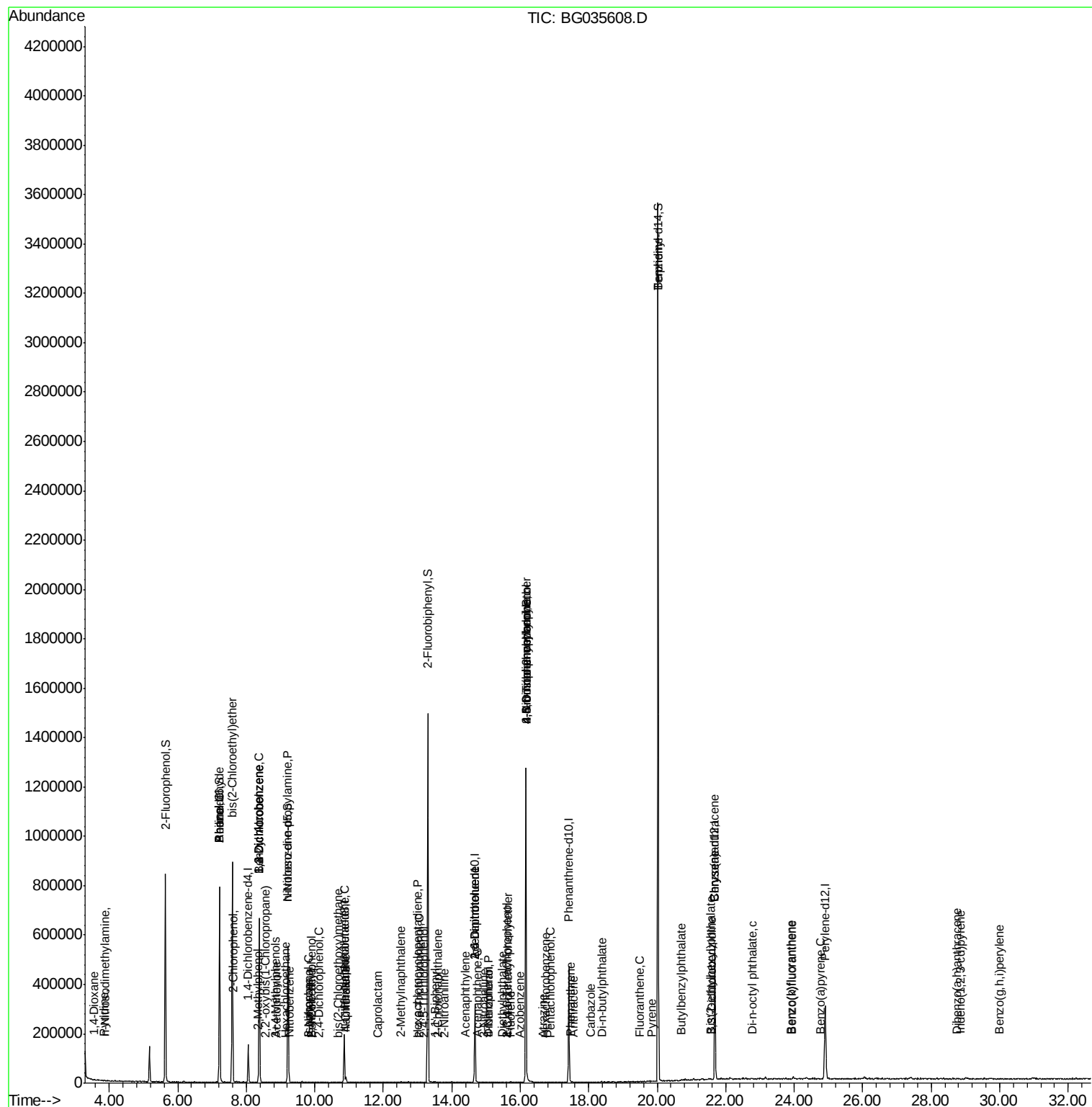
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 46) 2-Chloronaphthalene        | 13.58 | 162  | 69       | 0.010 | ng    | # 39     |
| 47) 2-Nitroaniline             | 13.77 | 65   | 53       | 0.022 | ng    | # 9      |
| 48) Acenaphthylene             | 14.40 | 152  | 258      | 0.023 | ng    | # 59     |
| 50) 2,6-Dinitrotoluene         | 14.67 | 165  | 15762    | 7.972 | ng    | # 18     |
| 51) Acenaphthene               | 14.74 | 154  | 1223     | 0.175 | ng    | # 79     |
| 52) 3-Nitroaniline             | 14.93 | 138  | 54       | 0.027 | ng    | # 1      |
| 54) Dibenzofuran               | 15.08 | 168  | 1609     | 0.145 | ng    | # 54     |
| 55) 4-Nitrophenol              | 15.08 | 139  | 620      | 0.431 | ng    | # 1      |
| 56) 2,4-Dinitrotoluene         | 14.67 | 165  | 15762    | 5.557 | ng    | # 16     |
| 57) Fluorene                   | 15.72 | 166  | 1368     | 0.147 | ng    | # 68     |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.62 | 232  | 63       | 0.024 | ng    | # 40     |
| 59) Diethylphthalate           | 15.49 | 149  | 422      | 0.042 | ng    | # 58     |
| 60) 4-Chlorophenyl-phenylether | 15.65 | 204  | 71       | 0.013 | ng    | # 30     |
| 62) Azobenzene                 | 15.98 | 77   | 65       | 0.007 | ng    | # 48     |
| 64) 4,6-Dinitro-2-methylphenol | 16.16 | 198  | 1188     | 0.680 | ng    | # 54     |
| 65) n-Nitrosodiphenylamine     | 16.16 | 169  | 10585    | 1.184 | ng    | # 48     |
| 66) 4-Bromophenyl-phenylether  | 16.16 | 248  | 17836    | 4.895 | ng    | # 1      |
| 67) Hexachlorobenzene          | 16.75 | 284  | 70       | 0.019 | ng    | # 41     |
| 68) Atrazine                   | 16.65 | 200  | 96       | 0.026 | ng    | # 35     |
| 69) Pentachlorophenol          | 16.86 | 266  | 62       | 0.027 | ng    | # 19     |
| 70) Phenanthrene               | 17.46 | 178  | 2759     | 0.176 | ng    | # 90     |
| 71) Anthracene                 | 17.56 | 178  | 235      | 0.015 | ng    | # 59     |
| 72) Carbazole                  | 18.07 | 167  | 71       | 0.005 | ng    | # 59     |
| 73) Di-n-butylphthalate        | 18.37 | 149  | 2139     | 0.122 | ng    | # 78     |
| 74) Fluoranthene               | 19.47 | 202  | 249      | 0.012 | ng    | # 65     |
| 76) Benzidine                  | 20.02 | 184  | 30559    | 3.311 | ng    | # 99     |
| 77) Pyrene                     | 19.84 | 202  | 339      | 0.015 | ng    | # 57     |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 57       | 0.007 | ng    | # 20     |
| 80) Benzo(a)anthracene         | 21.68 | 228  | 1027     | 0.047 | ng    | # 57     |
| 81) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 81       | 0.011 | ng    | # 26     |
| 82) Chrysene                   | 21.68 | 228  | 1027     | 0.051 | ng    | # 52     |
| 83) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 989      | 0.092 | ng    | # 37     |
| 84) Di-n-octyl phthalate       | 22.77 | 149  | 72       | 0.004 | ng    | # 1      |
| 85) Indeno(1,2,3-cd)pyrene     | 28.84 | 276  | 55       | 0.002 | ng    | # 53     |
| 87) Benzo(b)fluoranthene       | 23.91 | 252  | 77       | 0.004 | ng    | # 59     |
| 88) Benzo(k)fluoranthene       | 23.94 | 252  | 69       | 0.003 | ng    | # 60     |
| 89) Benzo(a)pyrene             | 24.76 | 252  | 59       | 0.003 | ng    | # 59     |
| 90) Dibenzo(a,h)anthracene     | 28.75 | 278  | 59       | 0.003 | ng    | # 58     |
| 91) Benzo(g,h,i)perylene       | 29.97 | 276  | 54       | 0.003 | ng    | # 56     |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG071218\  
Data File : BG035608.D  
Acq On : 12 Jul 2018 23:46  
Operator : JU/SJ  
Sample : J3947-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

Quant Time: Jul 13 00:42:01 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 12 14:43:32 2018  
Response via : Initial Calibration



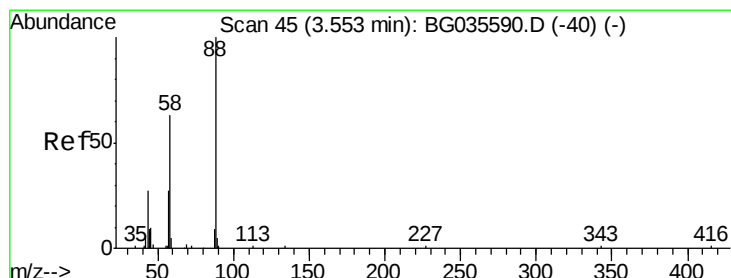
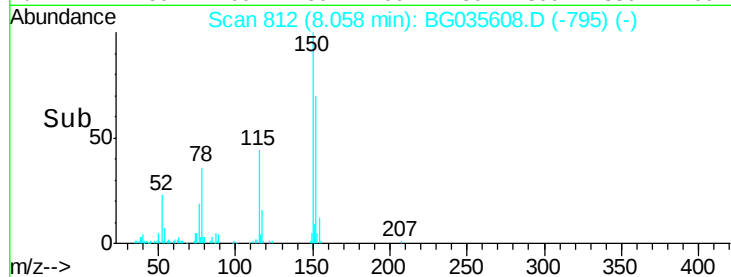
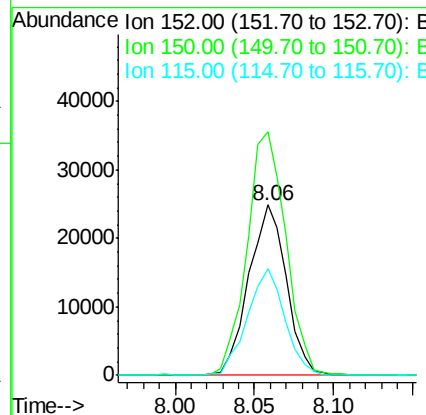
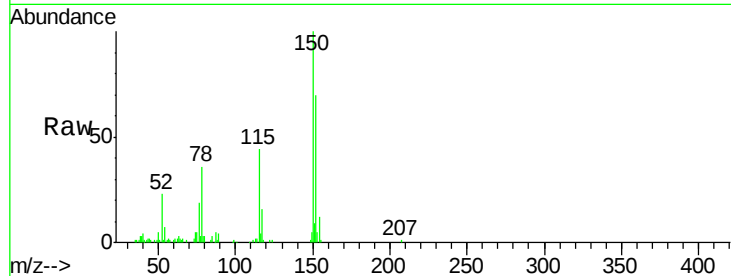


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 812  
Delta R.T. -0.00 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

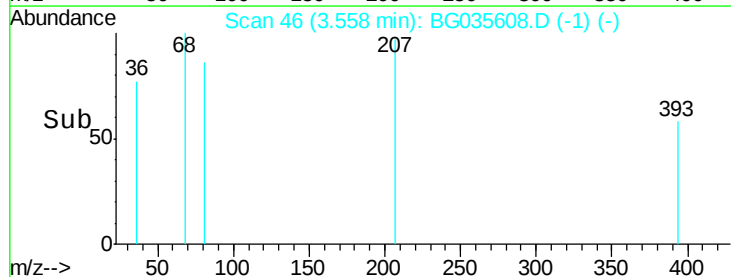
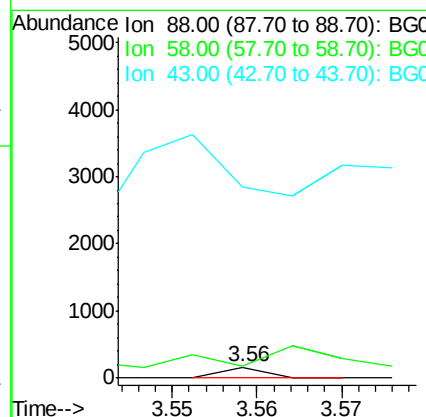
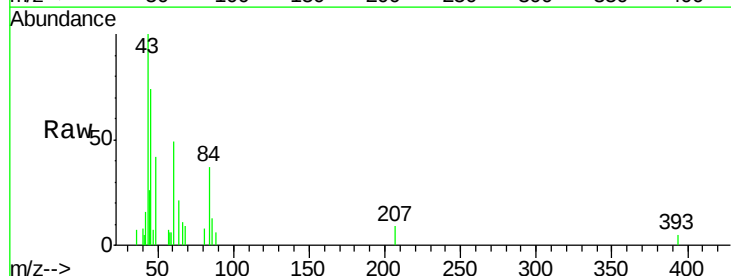
Tgt Ion:152 Resp: 40947  
Ion Ratio Lower Upper  
152 100  
150 143.1 126.6 189.8  
115 62.8 53.0 79.4

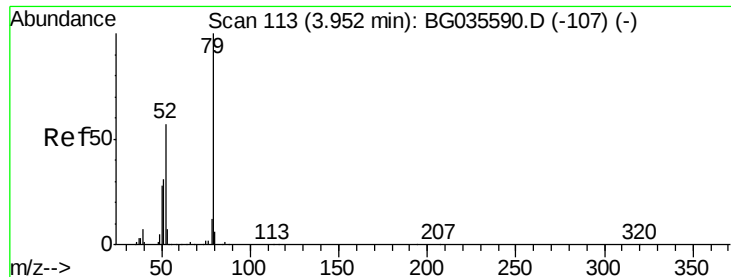


#2

1,4-Dioxane  
Concen: 0.047 ng  
RT: 3.56 min Scan# 46  
Delta R.T. 0.01 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Tgt Ion: 88 Resp: 59  
Ion Ratio Lower Upper  
88 100  
58 374.6 79.6 119.4#  
43 2293.2 27.4 41.0#





#3

Pyridine

Concen: 0.026 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.09 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

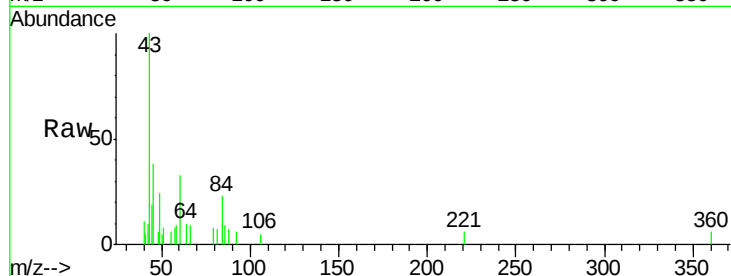
Tgt Ion: 79 Resp: 84

Ion Ratio Lower Upper

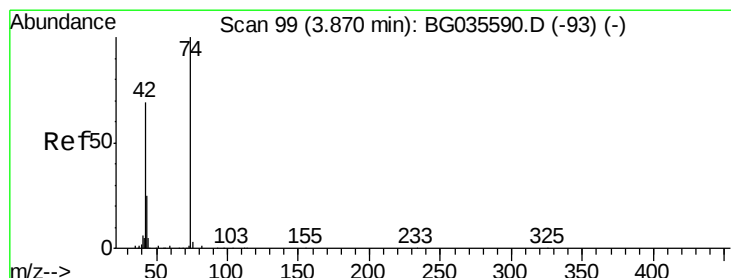
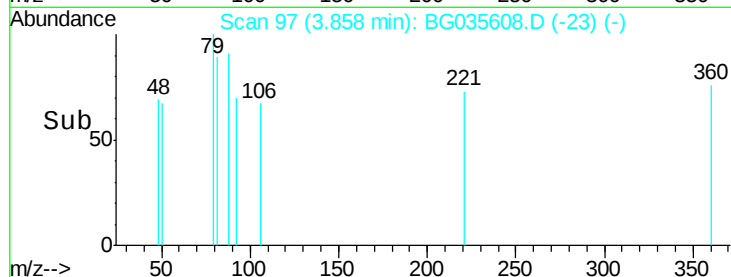
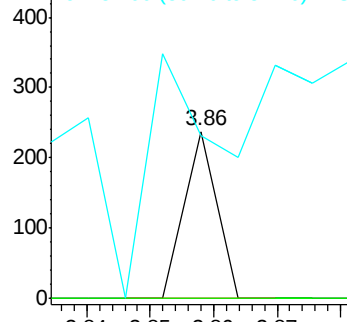
79 100

52 0.0 69.9 104.9#

51 97.9 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.380 ng

RT: 3.88 min Scan# 100

Delta R.T. 0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

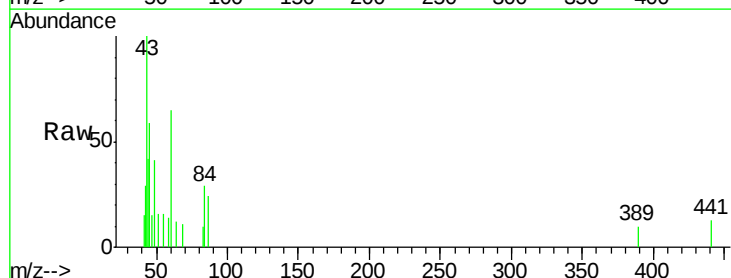
Tgt Ion: 42 Resp: 534

Ion Ratio Lower Upper

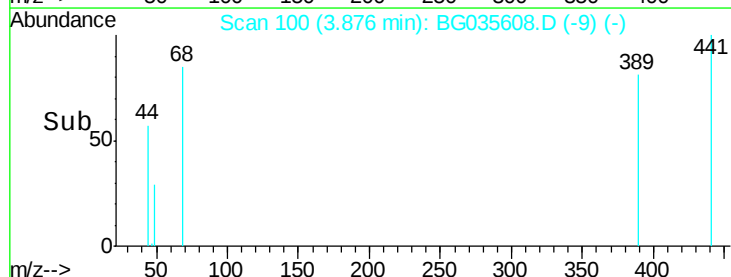
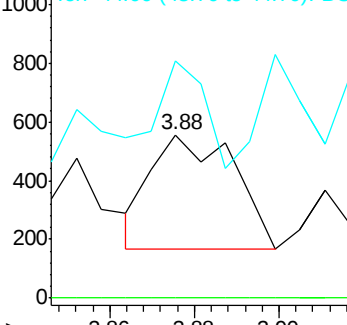
42 100

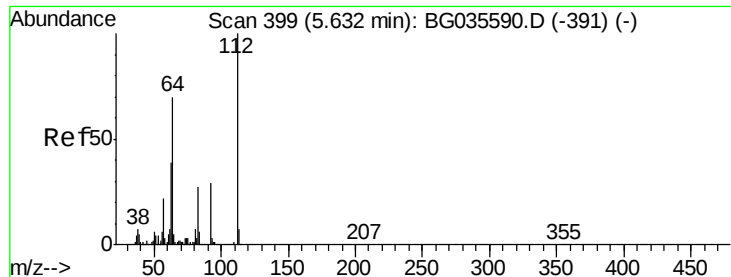
74 0.0 102.5 153.7#

44 144.9 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.316 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

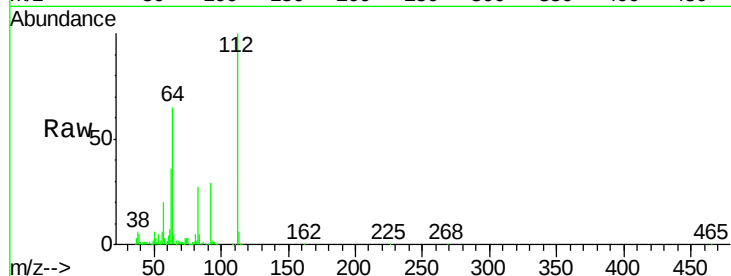
Tgt Ion: 112 Resp: 350999

Ion Ratio Lower Upper

112 100

64 64.9 56.3 84.5

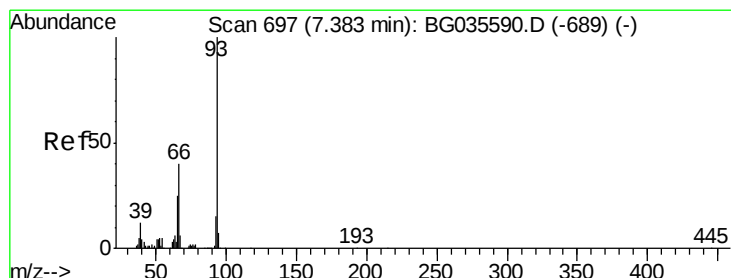
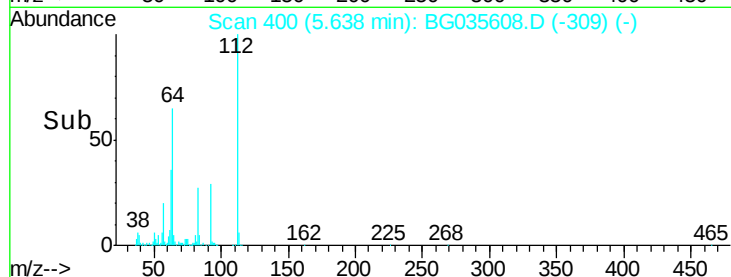
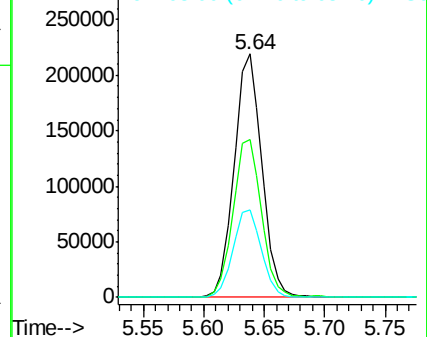
63 36.1 30.1 45.1



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: 0.029 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.16 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

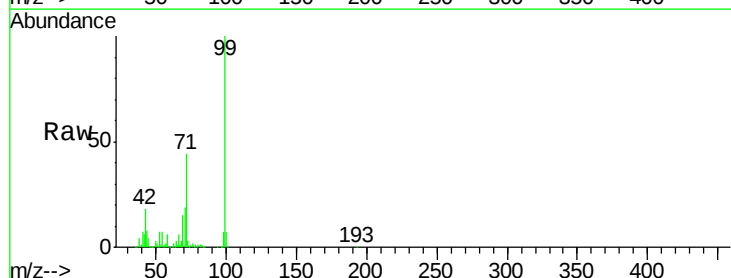
Tgt Ion: 93 Resp: 140

Ion Ratio Lower Upper

93 100

66 7339.8 33.7 50.5#

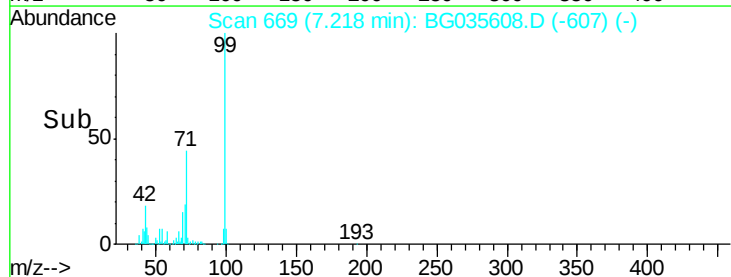
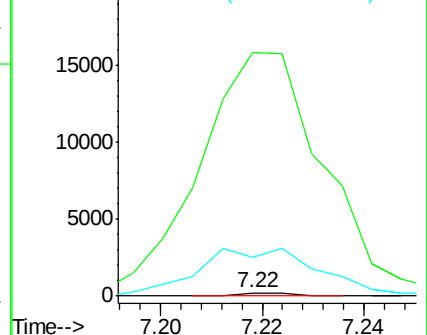
65 1158.3 16.1 24.1#

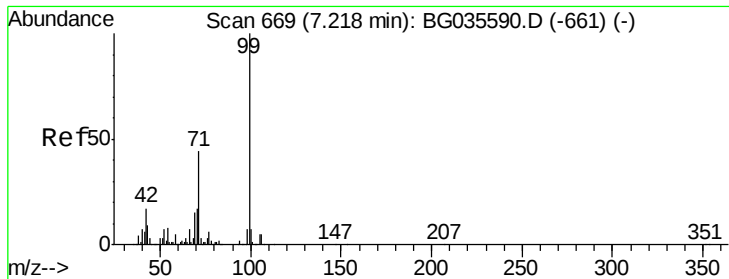


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.107 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

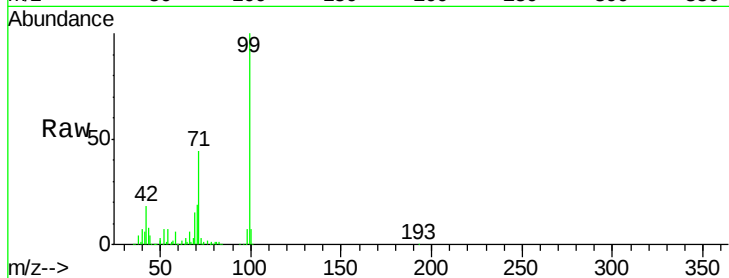
Tgt Ion: 99 Resp: 456683

Ion Ratio Lower Upper

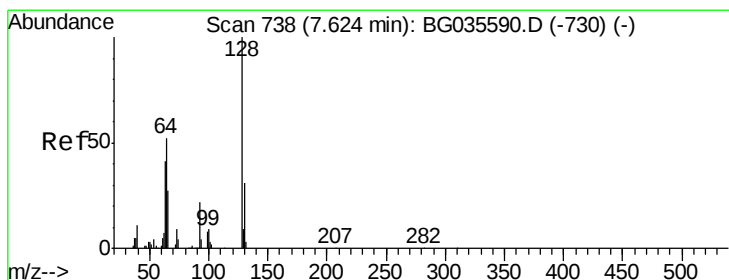
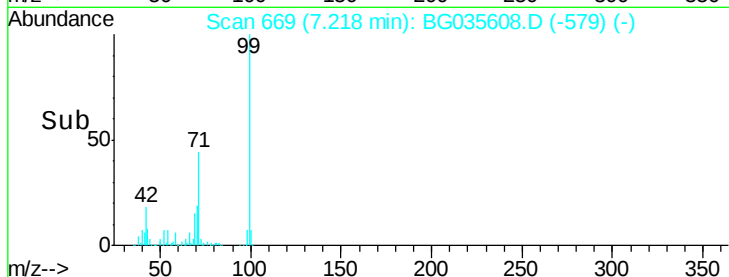
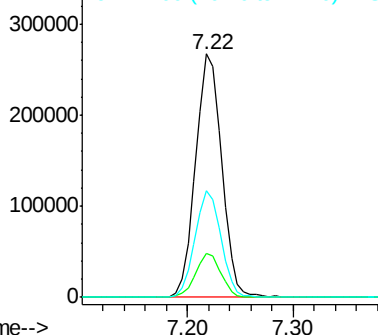
99 100

42 17.9 14.1 21.1

71 43.6 26.1 39.1#



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: 0.051 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

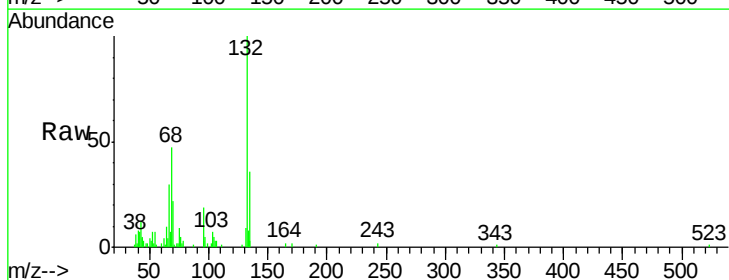
Tgt Ion: 128 Resp: 128

Ion Ratio Lower Upper

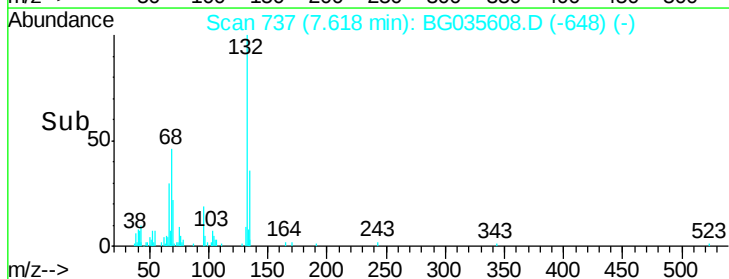
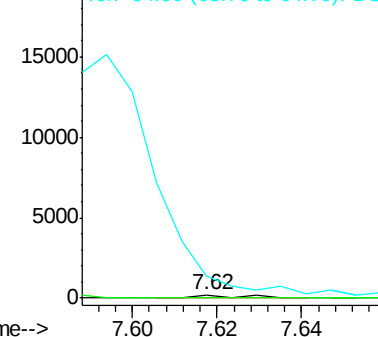
128 100

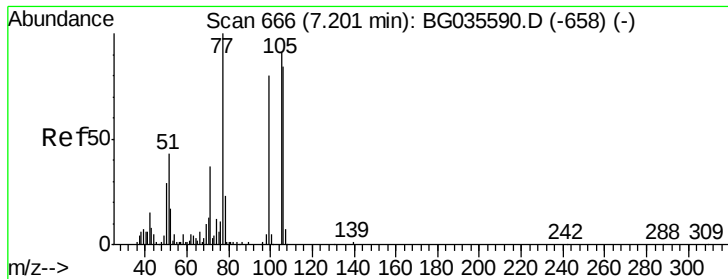
130 0.0 14.0 54.0#

64 739.5 37.7 77.7#



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: 0.457 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.02 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

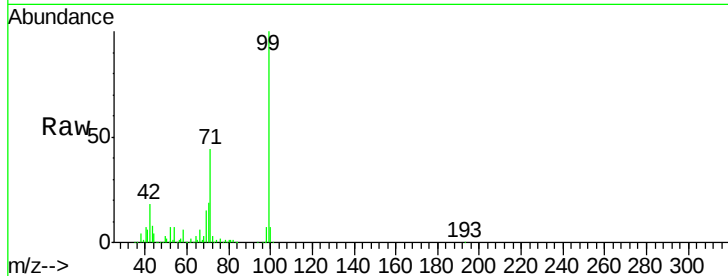
Tgt Ion: 77 Resp: 1032

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

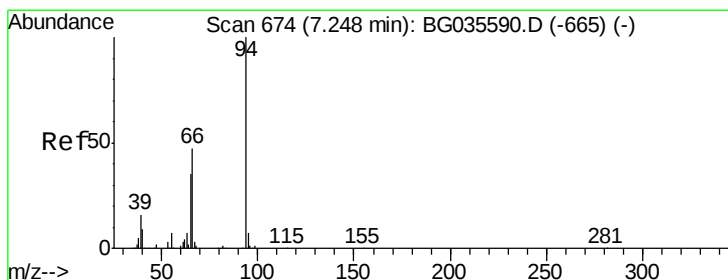
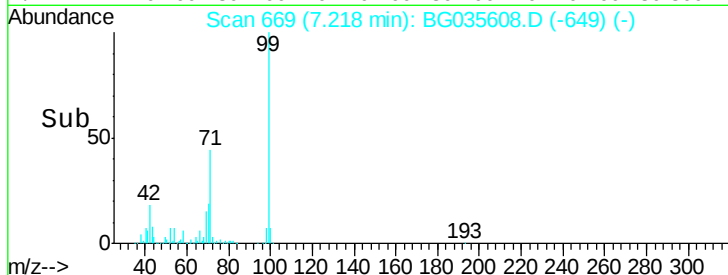
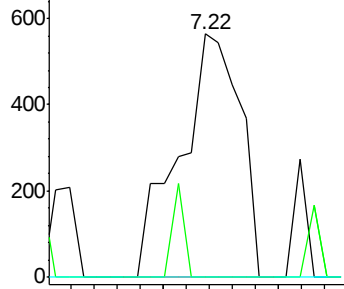
106 0.0 64.2 104.2#



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: 0.023 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.02 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

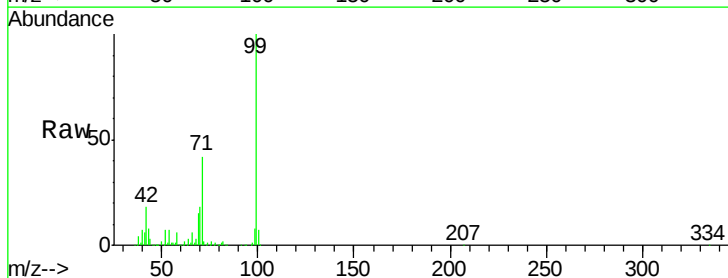
Tgt Ion: 94 Resp: 86

Ion Ratio Lower Upper

94 100

65 1276.5 11.9 51.9#

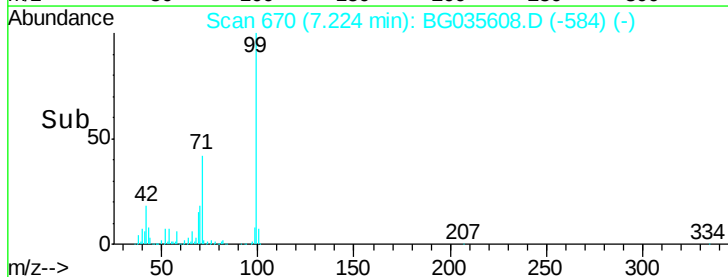
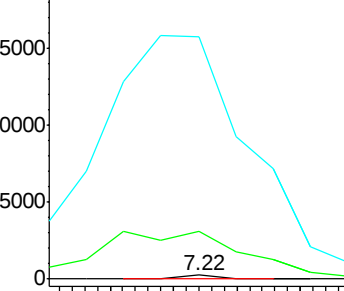
66 6478.6 22.2 62.2#



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

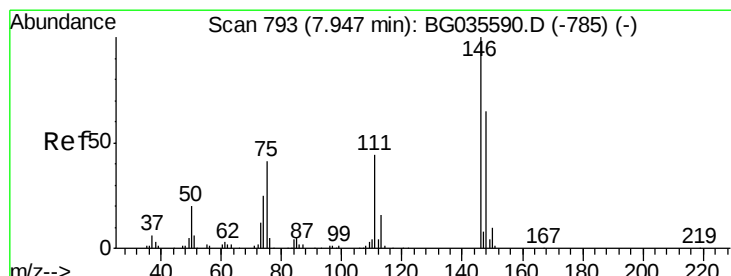
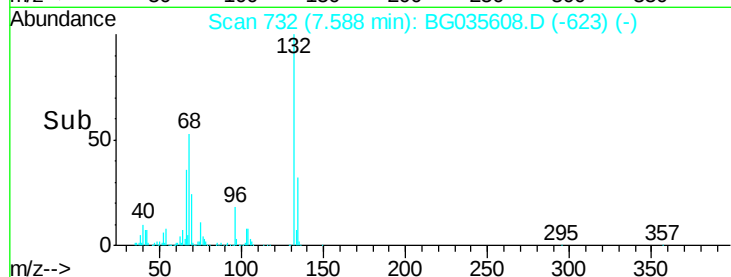
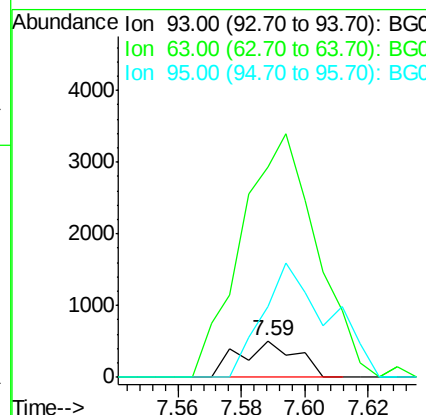
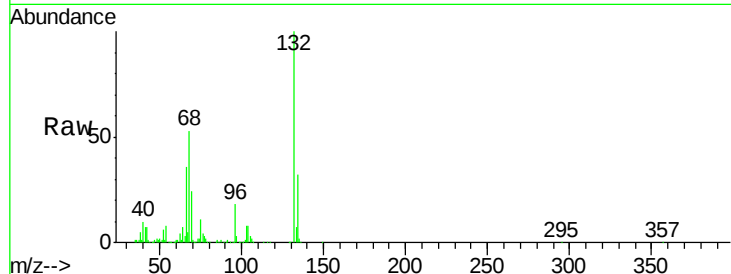




#11  
 bis(2-Chloroethyl)ether  
 Concen: 0.216 ng  
 RT: 7.59 min Scan# 732  
 Delta R.T. 0.11 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

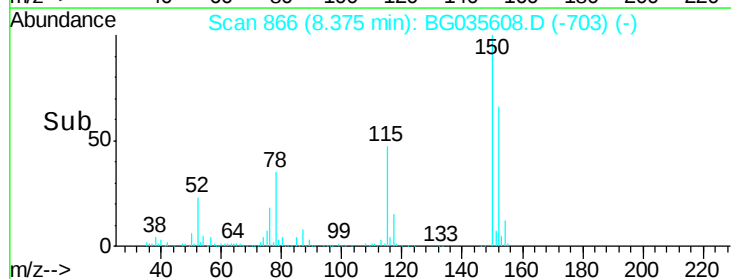
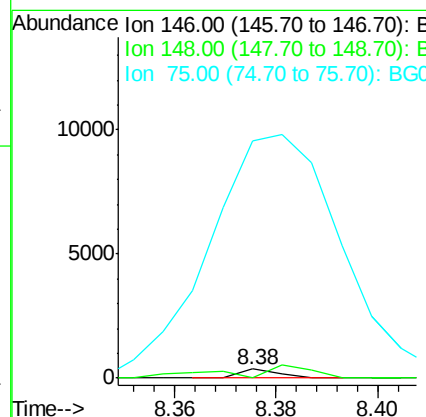
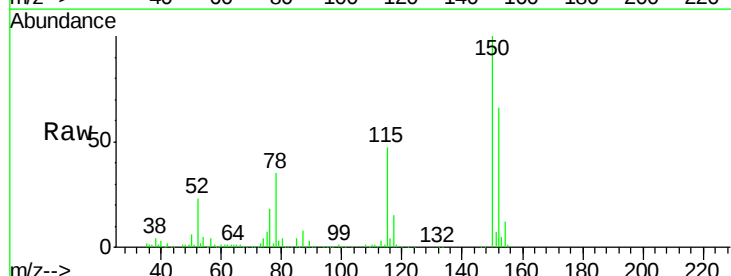
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

Tgt Ion: 93 Resp: 629  
 Ion Ratio Lower Upper  
 93 100  
 63 571.0 67.1 107.1#  
 95 191.1 11.5 51.5#



#12  
 1,3-Dichlorobenzene  
 Concen: 0.062 ng  
 RT: 8.38 min Scan# 866  
 Delta R.T. 0.43 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

Tgt Ion: 146 Resp: 187  
 Ion Ratio Lower Upper  
 146 100  
 148 0.0 51.4 77.2#  
 75 2613.7 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 0.061 ng

RT: 8.38 min Scan# 866

Delta R.T. 0.28 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

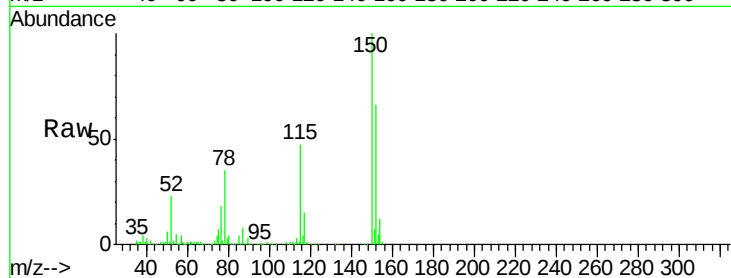
Tgt Ion:146 Resp: 187

Ion Ratio Lower Upper

146 100

148 0.0 53.7 80.5#

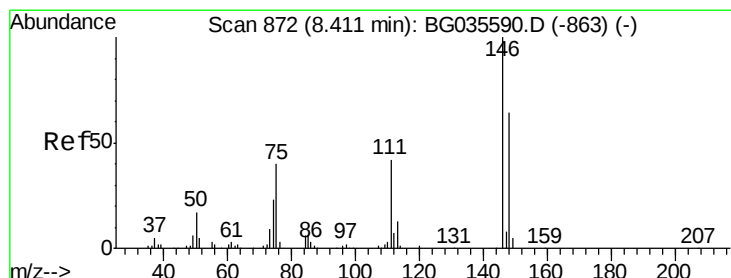
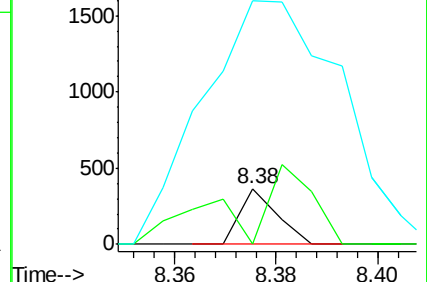
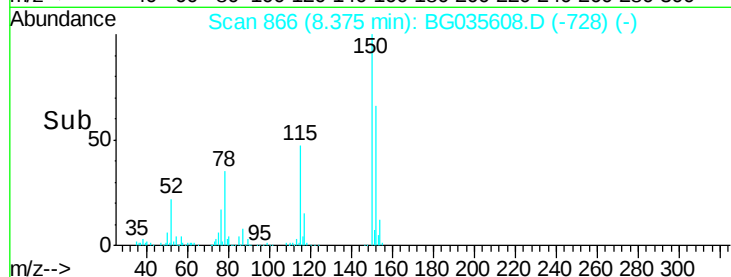
111 436.6 35.2 52.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.063 ng

RT: 8.38 min Scan# 866

Delta R.T. -0.04 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

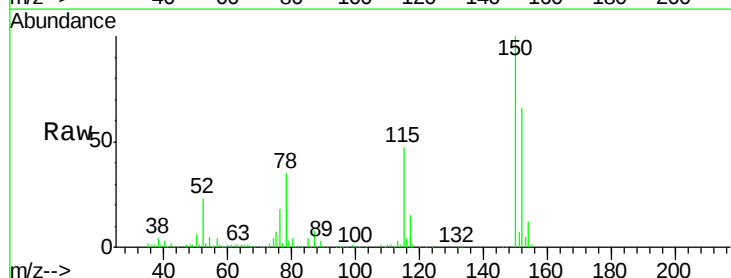
Tgt Ion:146 Resp: 187

Ion Ratio Lower Upper

146 100

148 0.0 49.3 73.9#

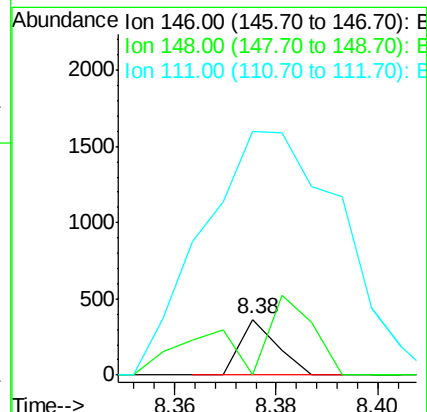
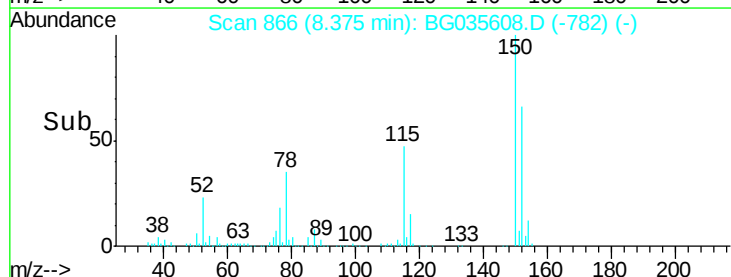
111 436.6 34.3 51.5#

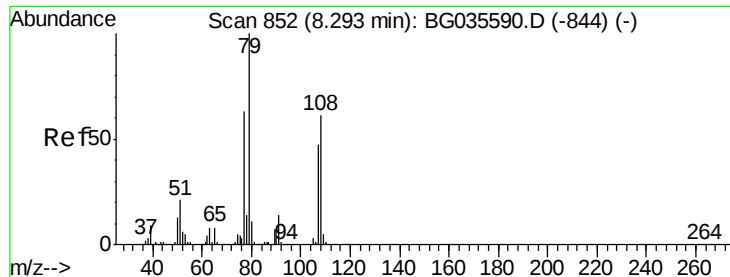


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.988 ng

RT: 8.38 min Scan# 866

Delta R.T. 0.08 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

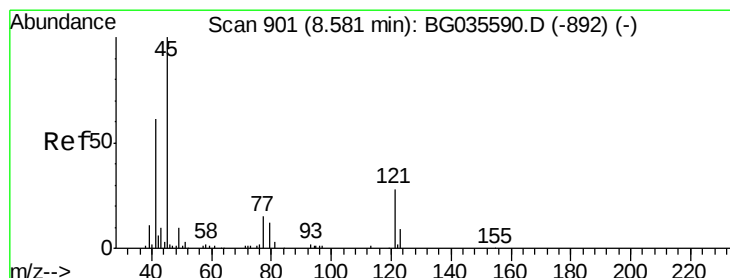
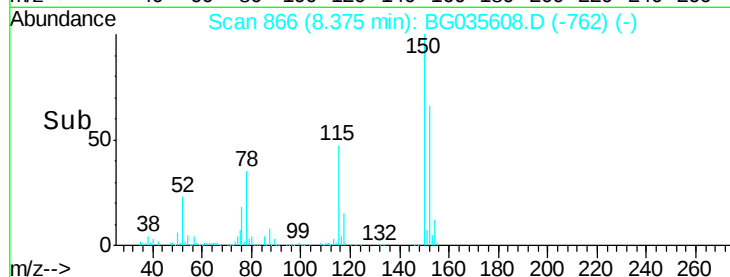
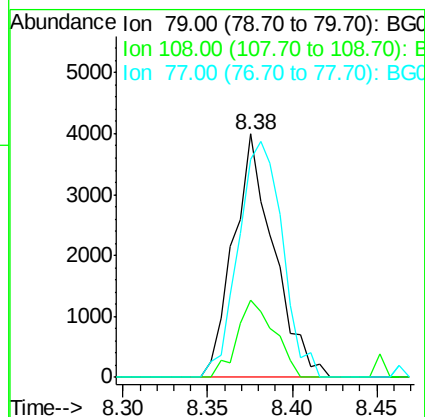
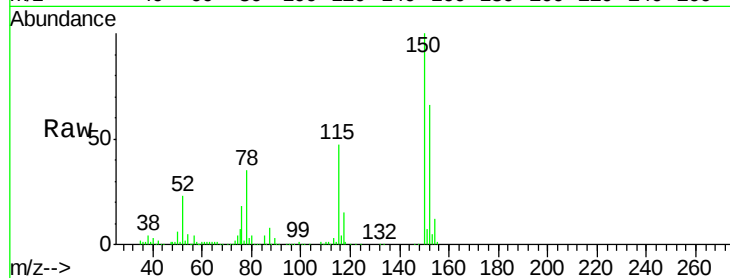
Tgt Ion: 79 Resp: 6644

Ion Ratio Lower Upper

79 100

108 31.7 57.2 85.8#

77 89.6 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.141 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

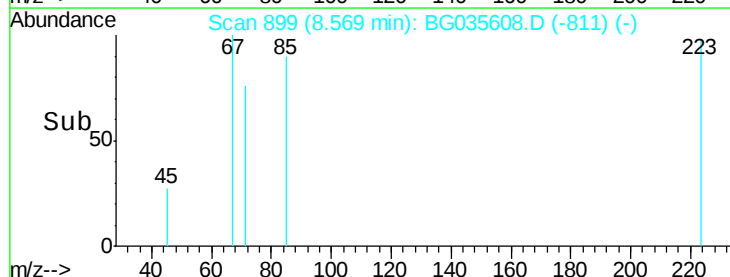
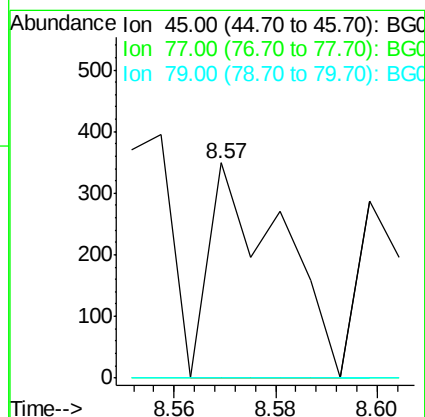
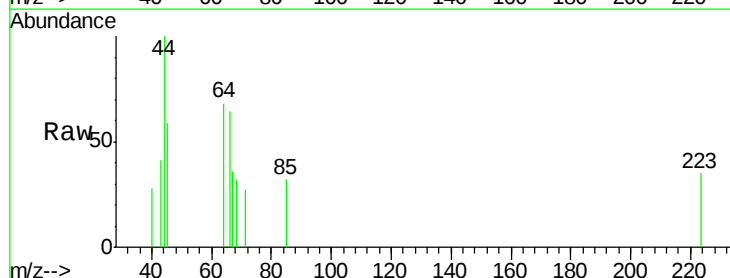
Tgt Ion: 45 Resp: 343

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

79 0.0 0.0 27.9





#17

2-Methylphenol

Concen: 0.025 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.15 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

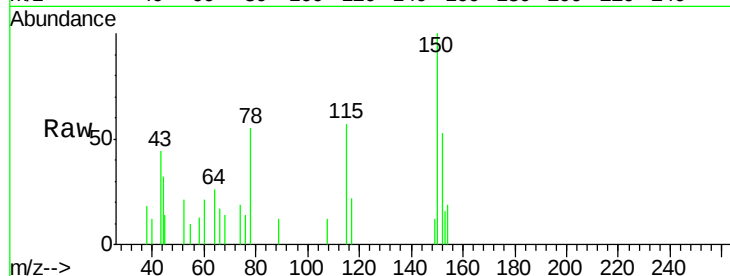
Instrument :

BNA\_G

ClientSampleId :

PAR-1

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 62     |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 0.0   | 83.9  | 125.9# |
| 77       | 0.0   | 37.2  | 55.8#  |
| 79       | 0.0   | 36.2  | 54.2#  |

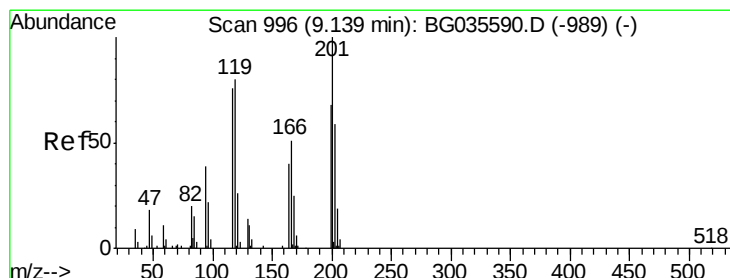
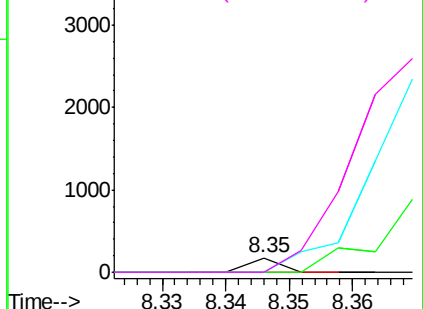
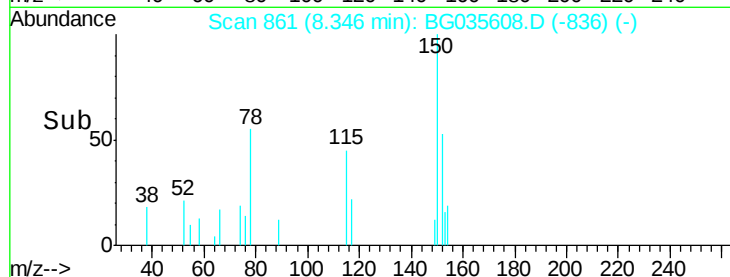


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 0.058 ng

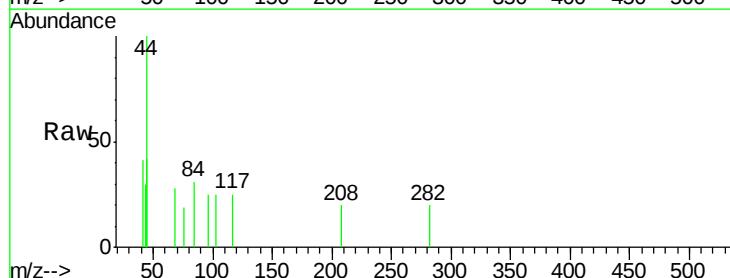
RT: 9.14 min Scan# 997

Delta R.T. 0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

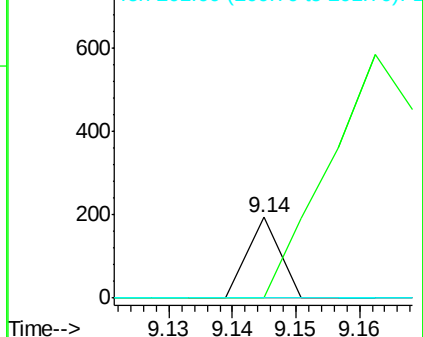
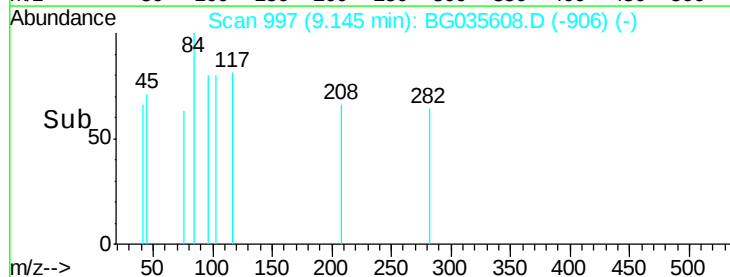
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 68     |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 0.0   | 76.7  | 115.1# |
| 201      | 0.0   | 95.7  | 143.5# |

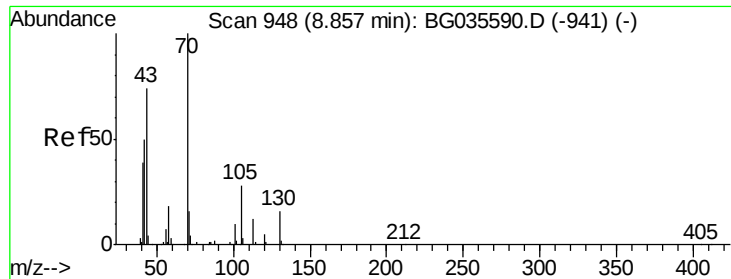


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

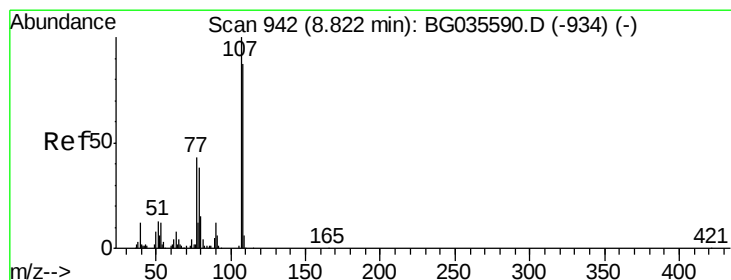
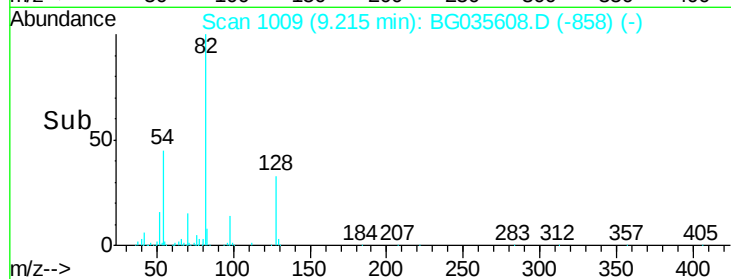
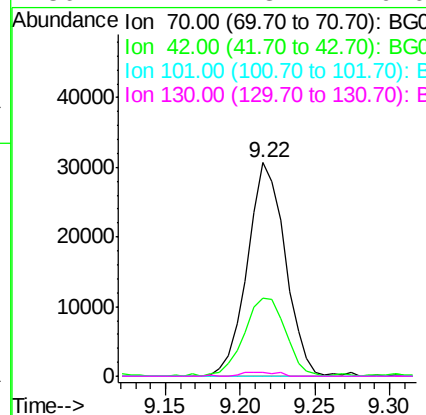
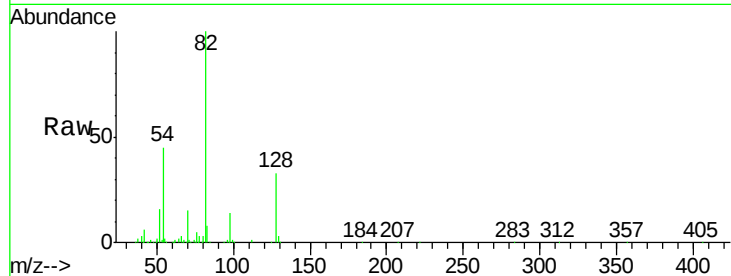




#19  
n-Nitroso-di-n-propylamine  
Concen: 17.369 ng  
RT: 9.22 min Scan# 1009  
Delta R.T. 0.36 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

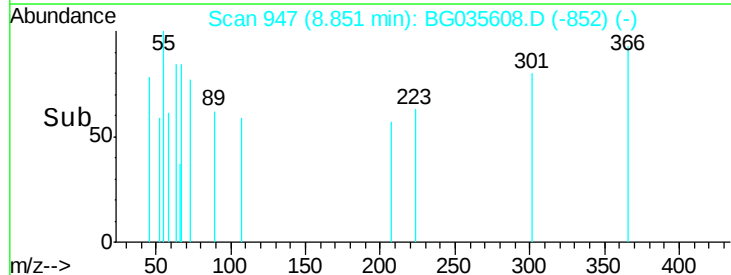
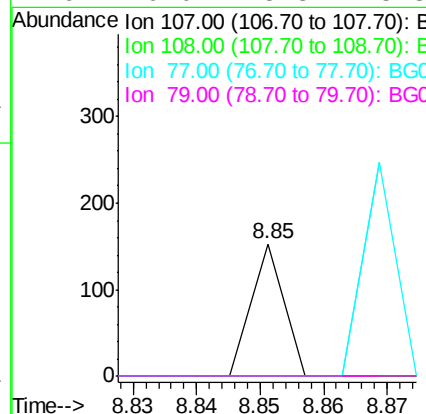
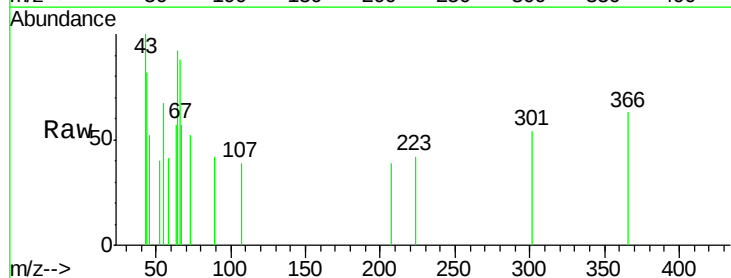
Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

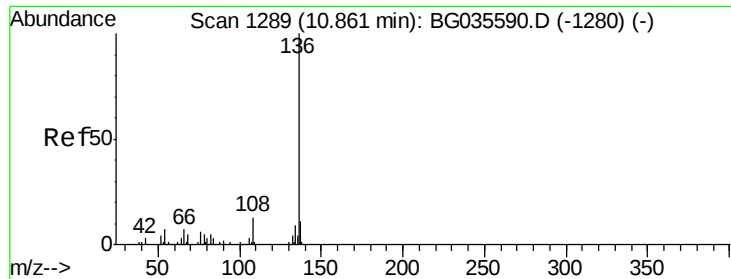
Tgt Ion: 70 Resp: 53822  
Ion Ratio Lower Upper  
70 100  
42 36.6 49.1 73.7#  
101 0.0 8.5 12.7#  
130 2.1 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 0.015 ng  
RT: 8.85 min Scan# 947  
Delta R.T. 0.03 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Tgt Ion: 107 Resp: 54  
Ion Ratio Lower Upper  
107 100  
108 0.0 61.6 101.6#  
77 0.0 13.9 53.9#  
79 0.0 8.8 48.8#

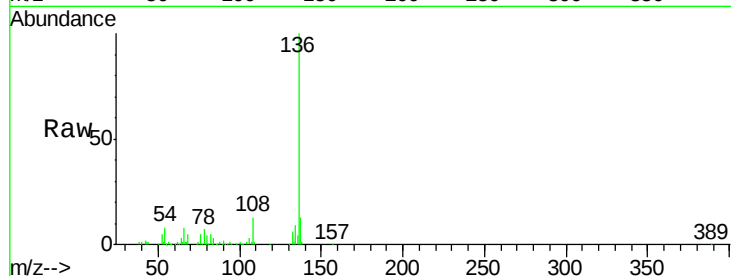




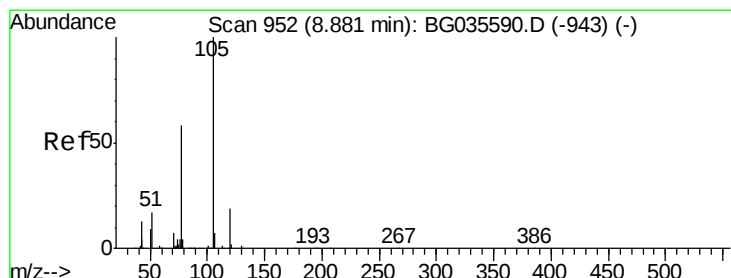
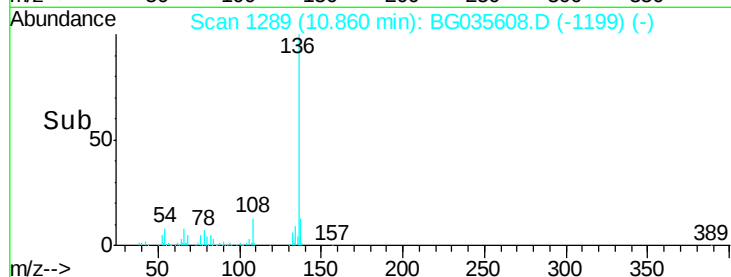
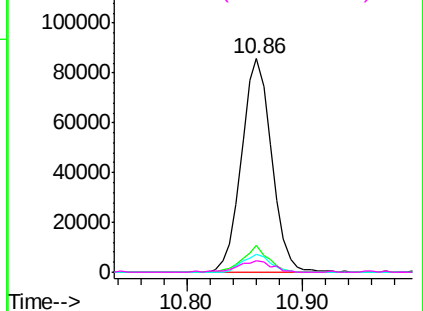
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1289  
Delta R.T. -0.00 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 155163 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.8  | 9.2   | 13.8   |
| 54       | 8.4   | 10.3  | 15.5#  |
| 68       | 5.3   | 4.5   | 6.7    |

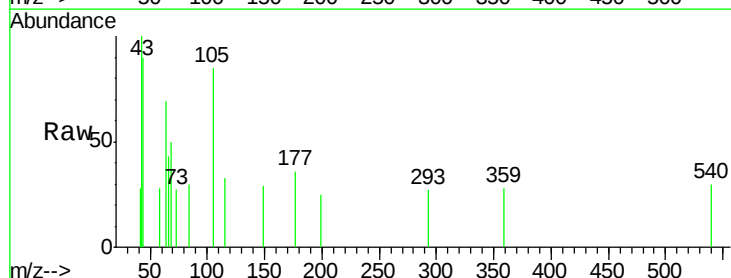


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BG  
Ion 68.00 (67.70 to 68.70): BG

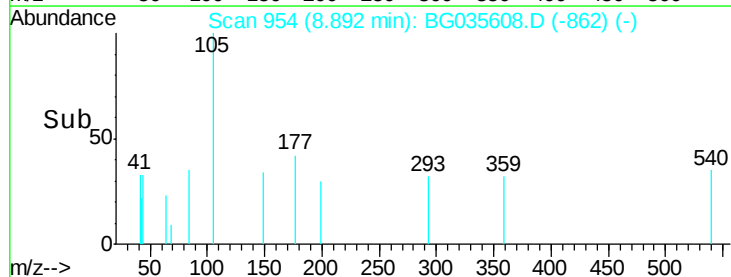
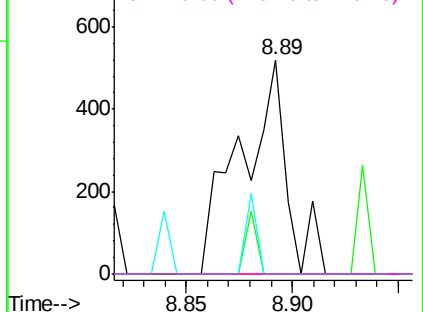


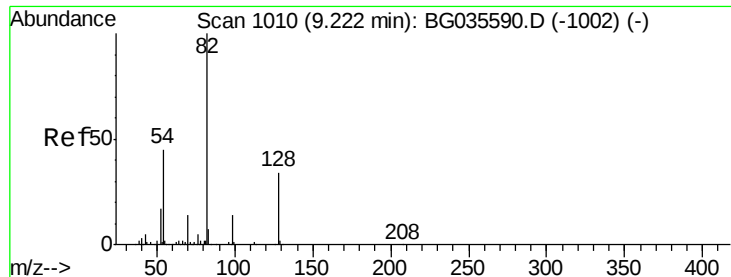
#22  
Acetophenone  
Concen: 0.166 ng  
RT: 8.89 min Scan# 954  
Delta R.T. 0.01 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 803   |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 3.0   | 4.4#  |
| 51       | 0.0   | 26.1  | 39.1# |
| 120      | 0.0   | 17.4  | 26.2# |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BG  
Ion 51.00 (50.70 to 51.70): BG  
Ion 120.00 (119.70 to 120.70): E

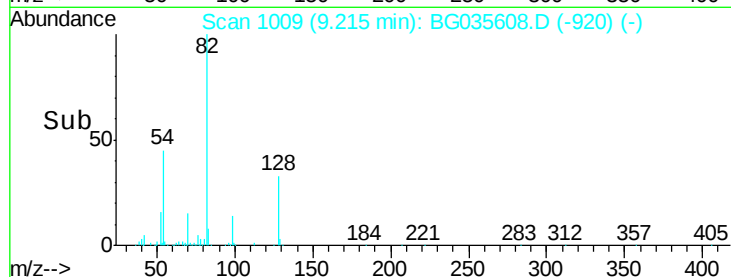
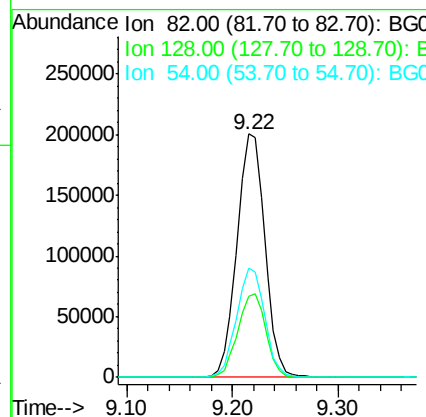
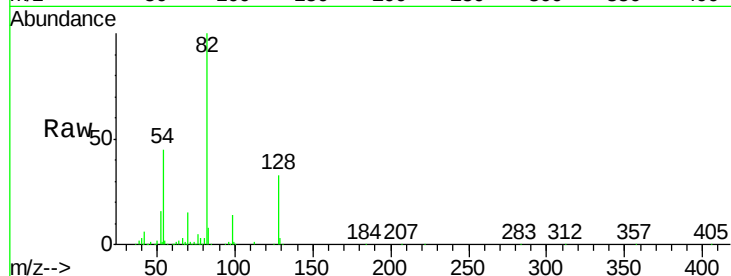




#23  
Nitrobenzene-d5  
Concen: 98.774 ng  
RT: 9.22 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

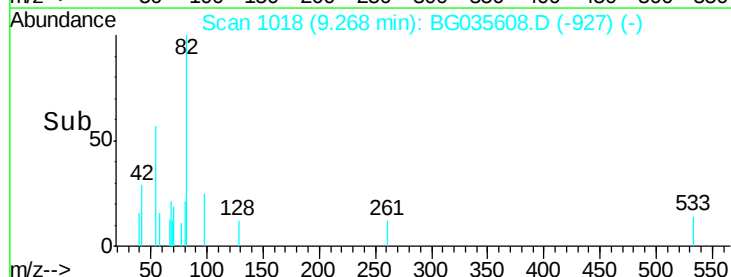
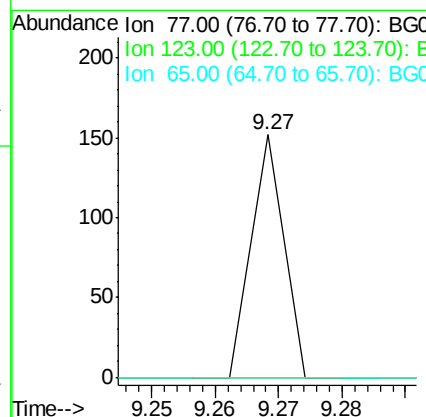
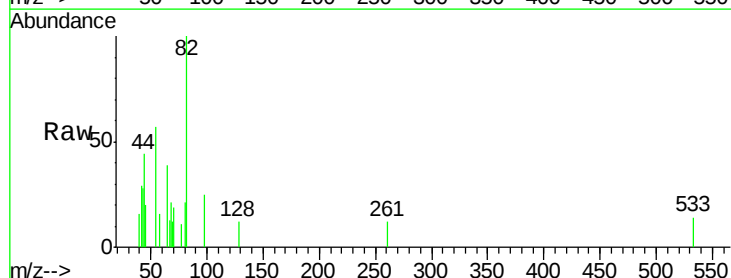
Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

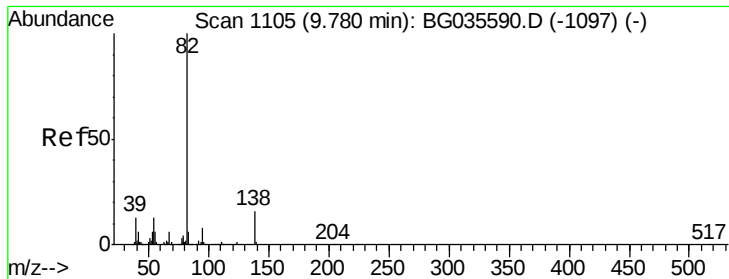
Tgt Ion: 82 Resp: 366875  
Ion Ratio Lower Upper  
82 100  
128 33.2 29.7 44.5  
54 44.9 43.1 64.7



#24  
Nitrobenzene  
Concen: 0.014 ng  
RT: 9.27 min Scan# 1018  
Delta R.T. 0.01 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Tgt Ion: 77 Resp: 54  
Ion Ratio Lower Upper  
77 100  
123 0.0 33.0 49.6#  
65 0.0 13.0 19.6#





#25

Isophorone

Concen: 0.035 ng

RT: 9.81 min Scan# 1111

Delta R.T. 0.03 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampled :

PAR-1

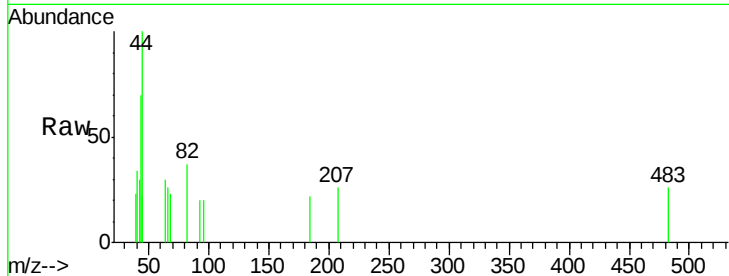
Tgt Ion: 82 Resp: 240

Ion Ratio Lower Upper

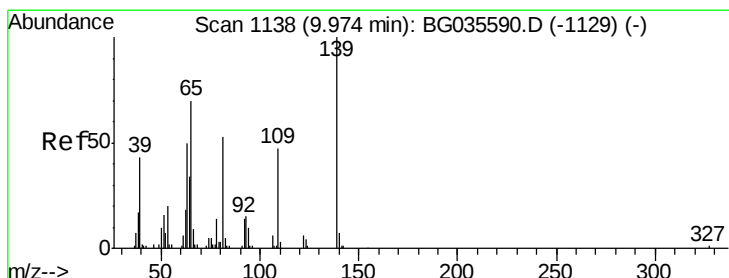
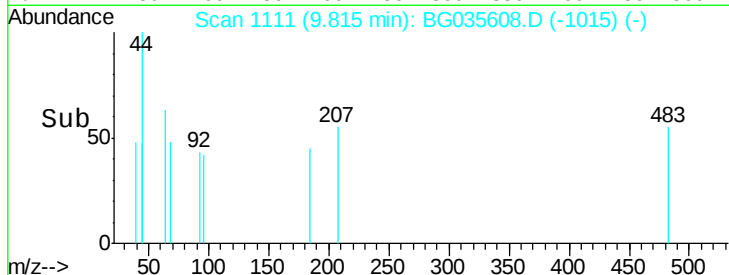
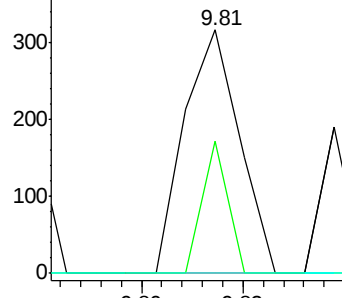
82 100

95 54.3 6.2 9.2#

138 0.0 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 0.051 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.15 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

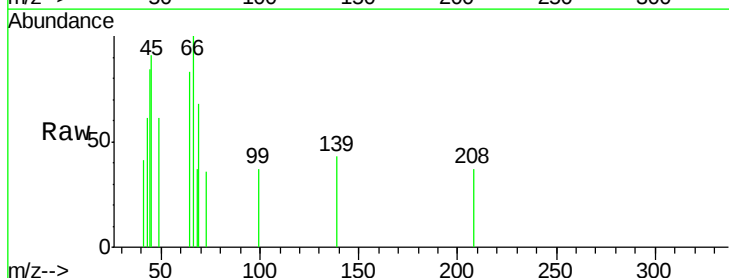
Tgt Ion: 139 Resp: 68

Ion Ratio Lower Upper

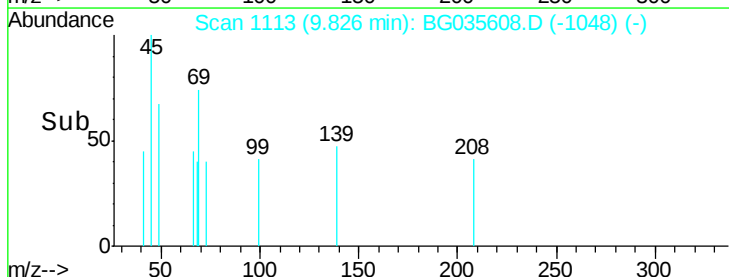
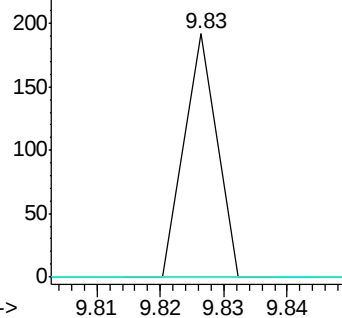
139 100

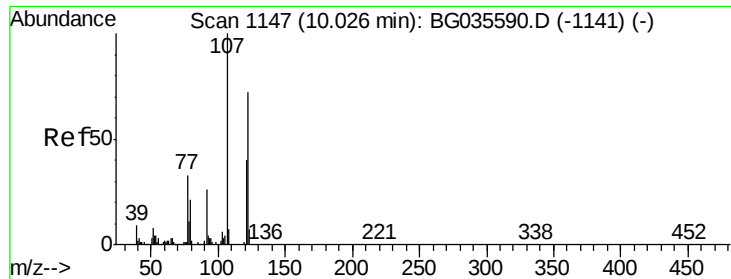
109 0.0 24.2 36.2#

65 0.0 47.4 71.0#



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

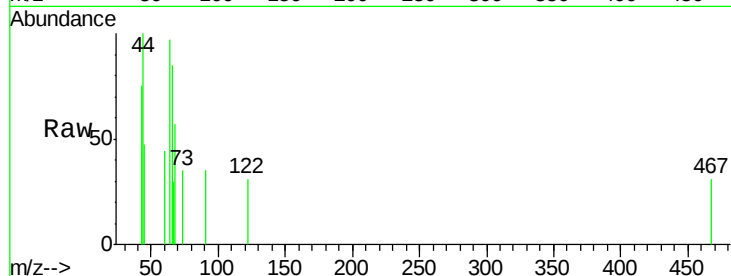




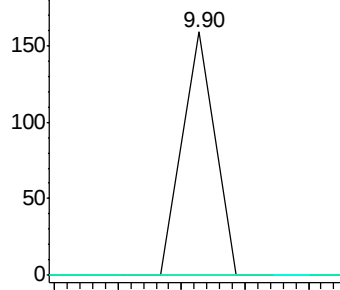
#27  
 2,4-Dimethylphenol  
 Concen: 0.025 ng  
 RT: 9.90 min Scan# 1126  
 Delta R.T. -0.12 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

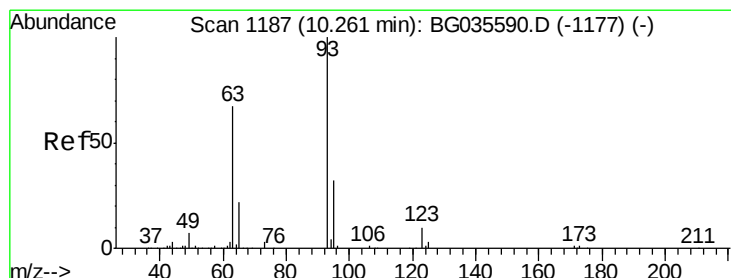
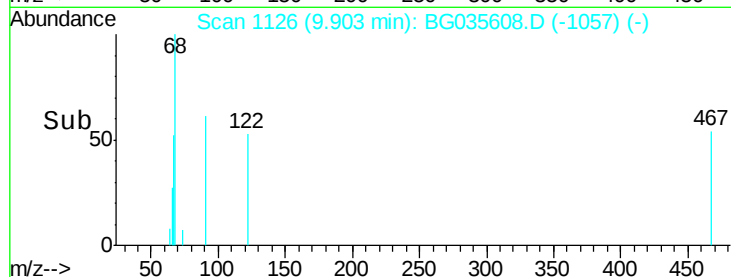
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 0.0   | 100.2 | 150.2# |
| 121     | 0.0   | 44.4  | 66.6#  |



Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

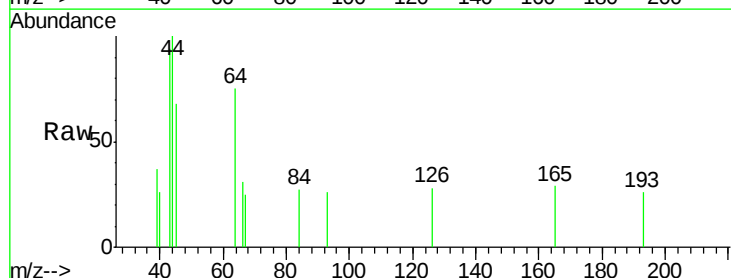


Time-->

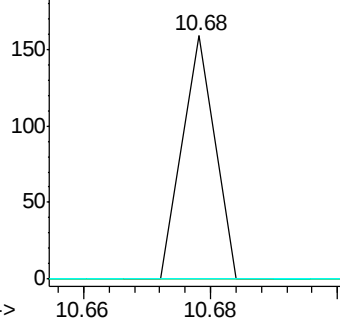


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 0.015 ng  
 RT: 10.68 min Scan# 1258  
 Delta R.T. 0.42 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

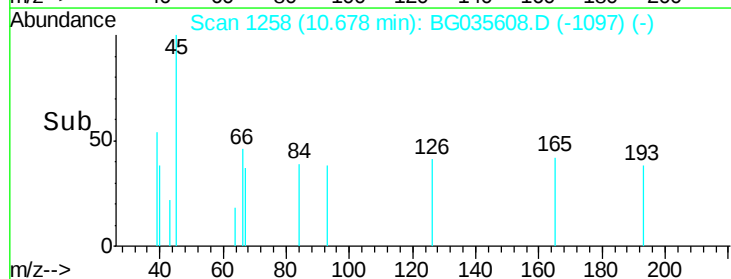
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 0.0   | 24.3  | 36.5# |
| 123     | 0.0   | 8.4   | 12.6# |

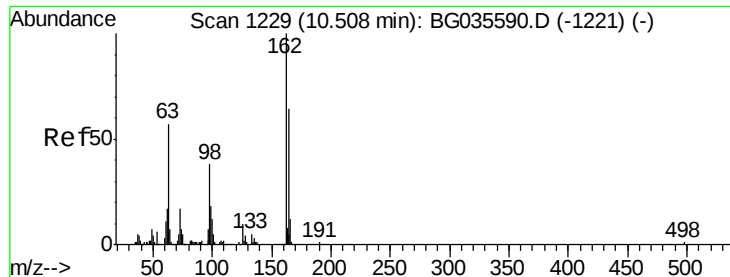


Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E



Time-->





#29

2,4-Dichlorophenol

Concen: 0.023 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.39 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

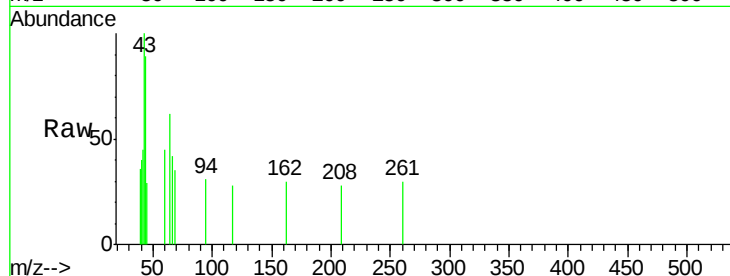
Tgt Ion:162 Resp: 59

Ion Ratio Lower Upper

162 100

164 0.0 48.0 88.0#

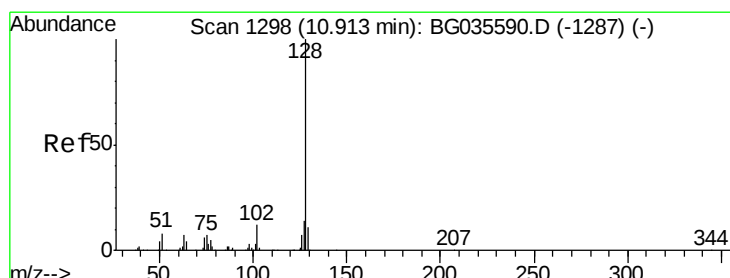
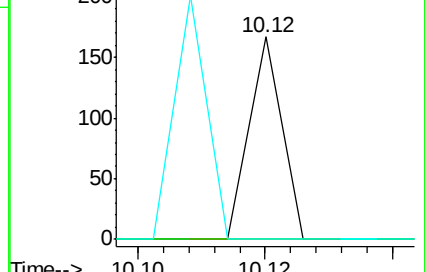
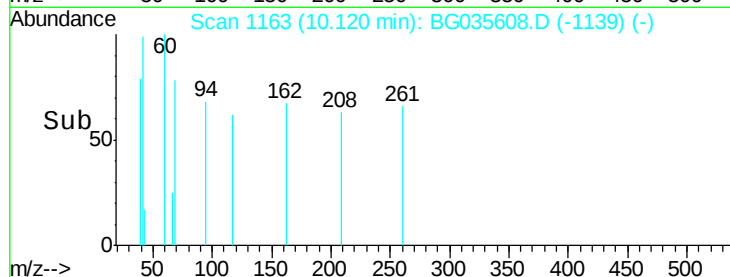
98 0.0 21.1 61.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#31

Naphthalene

Concen: 1.915 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

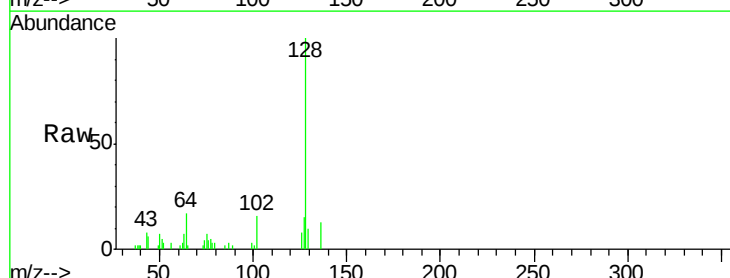
Tgt Ion:128 Resp: 15476

Ion Ratio Lower Upper

128 100

129 10.1 8.6 12.8

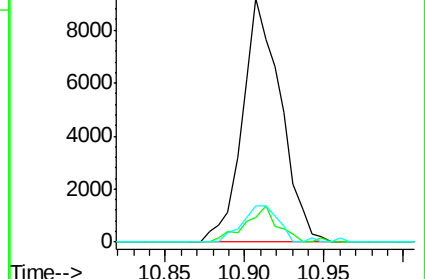
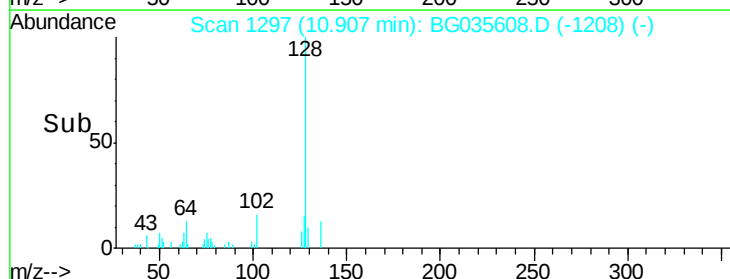
127 14.9 11.6 17.4

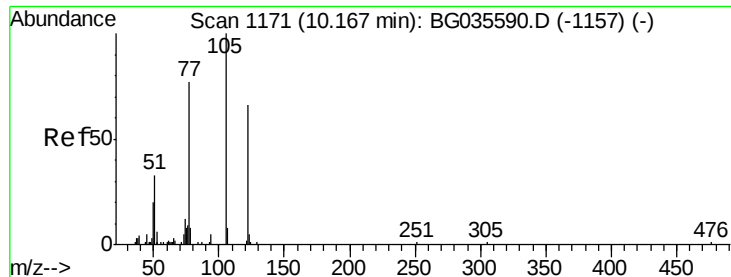


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 0.037 ng

RT: 9.90 min Scan# 1126

Delta R.T. -0.26 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

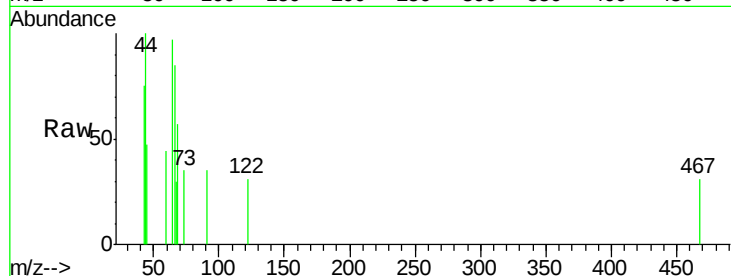
Tgt Ion:122 Resp: 56

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

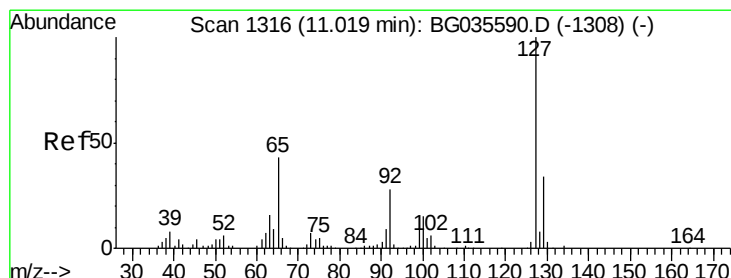
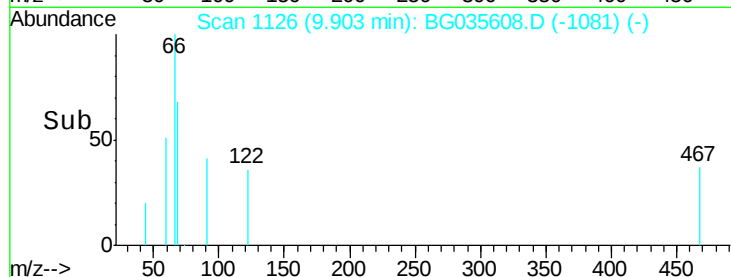
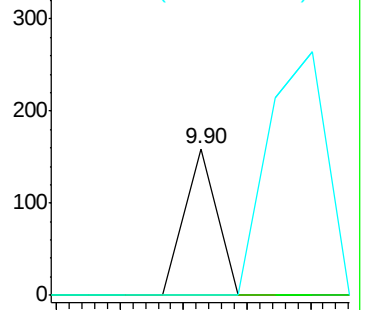
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 0.612 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.11 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Tgt Ion:127 Resp: 2155

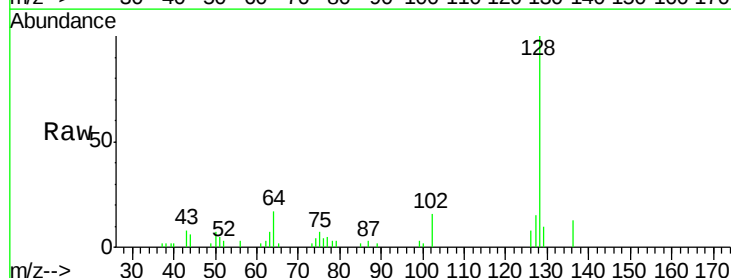
Ion Ratio Lower Upper

127 100

129 67.7 24.0 36.0#

65 11.7 27.0 40.4#

92 0.0 16.6 25.0#

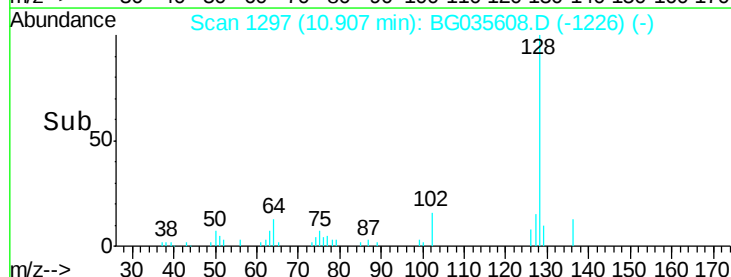
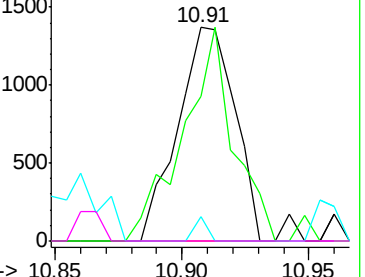


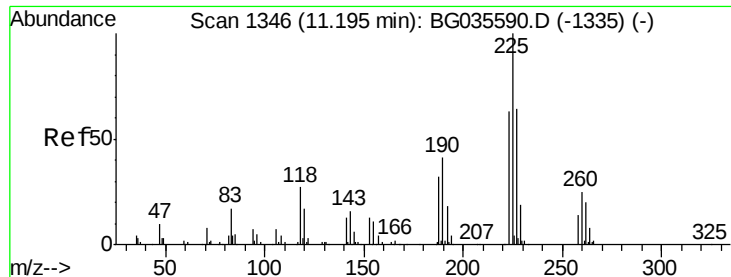
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

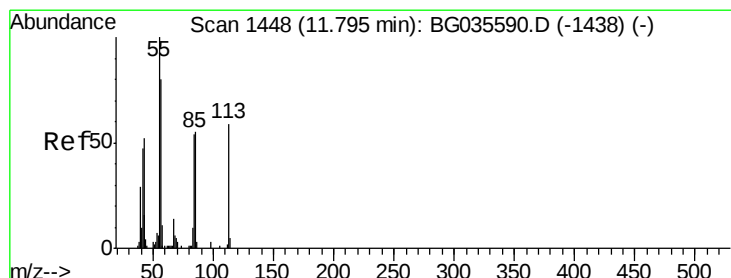
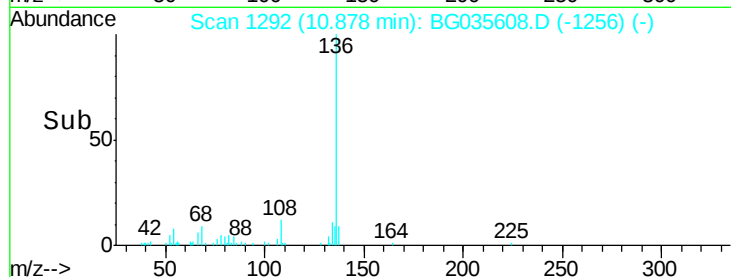
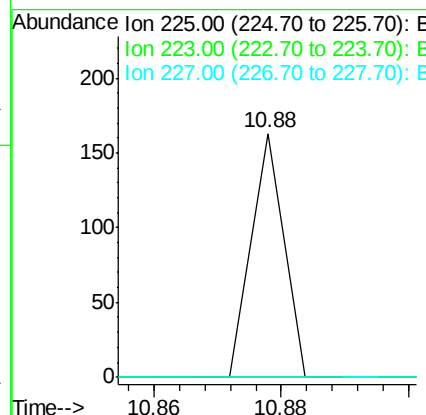
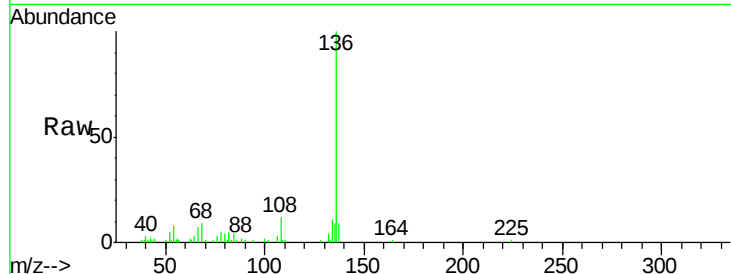




#34  
Hexachlorobutadiene  
Concen: 0.023 ng  
RT: 10.88 min Scan# 1292  
Delta R.T. -0.32 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

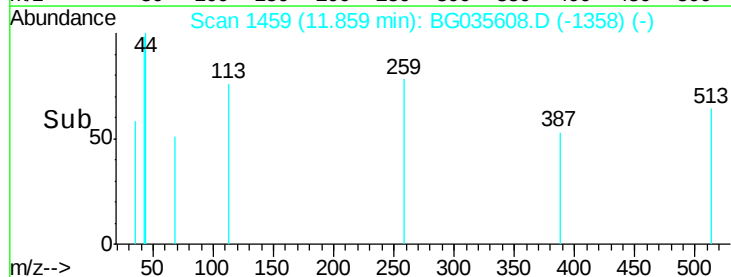
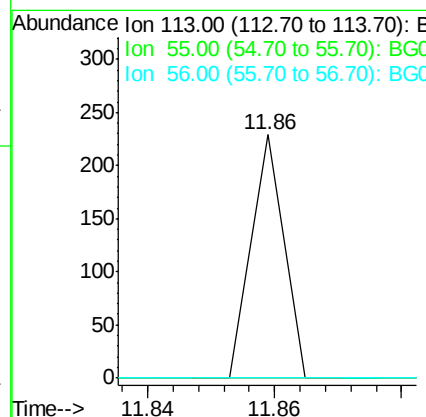
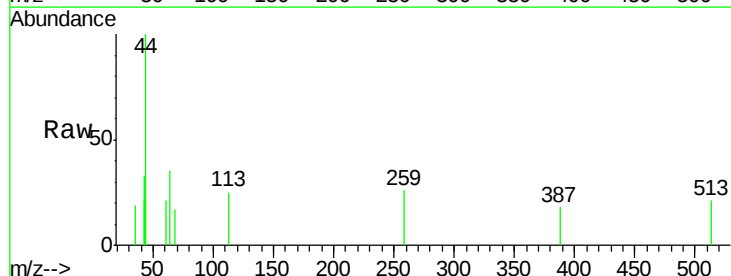
Instrument :  
BNA\_G  
ClientSampled :  
PAR-1

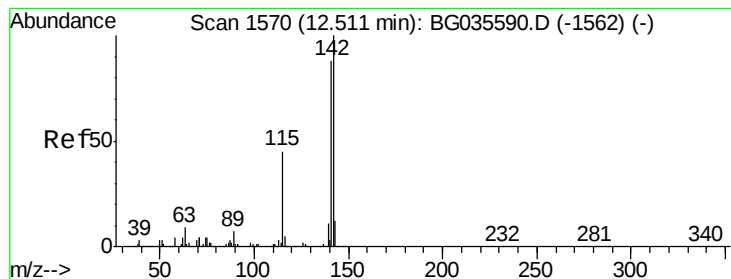
Tgt Ion: 225 Resp: 57  
Ion Ratio Lower Upper  
225 100  
223 0.0 49.7 74.5#  
227 0.0 48.1 72.1#



#35  
Caprolactam  
Concen: 0.074 ng  
RT: 11.86 min Scan# 1459  
Delta R.T. 0.06 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Tgt Ion: 113 Resp: 81  
Ion Ratio Lower Upper  
113 100  
55 0.0 186.9 226.9#  
56 0.0 130.9 170.9#





#37

2-Methylnaphthalene

Concen: 0.412 ng

RT: 12.51 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

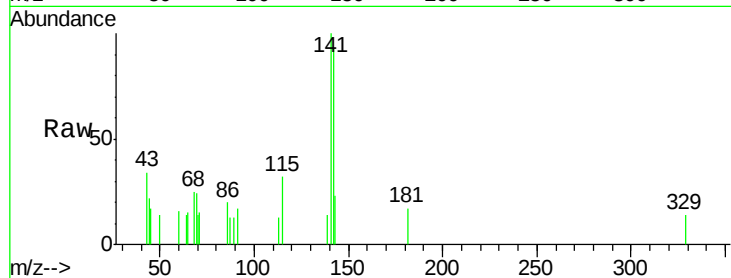
Tgt Ion:142 Resp: 2482

Ion Ratio Lower Upper

142 100

141 108.1 67.1 100.7#

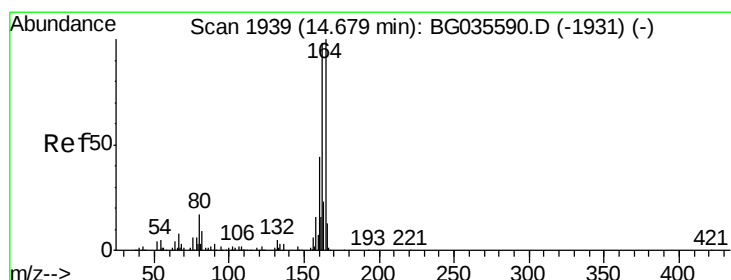
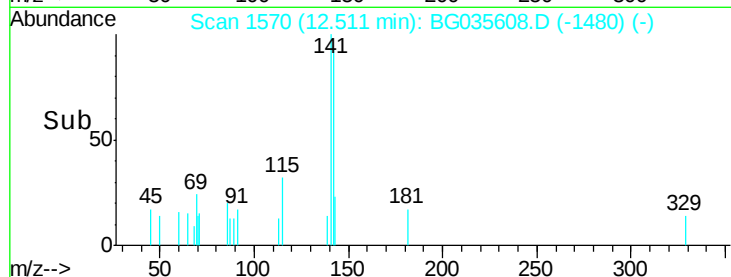
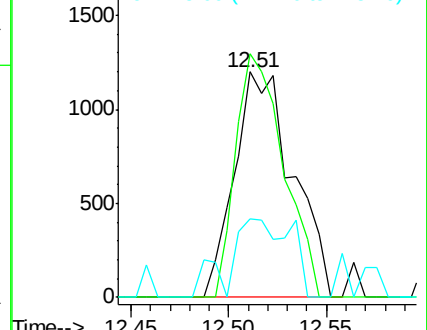
115 34.7 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

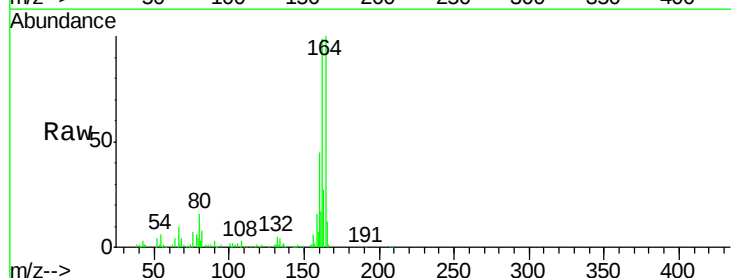
Tgt Ion:164 Resp: 110818

Ion Ratio Lower Upper

164 100

162 98.9 78.8 118.2

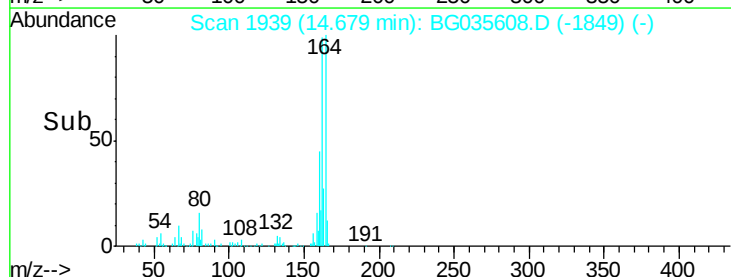
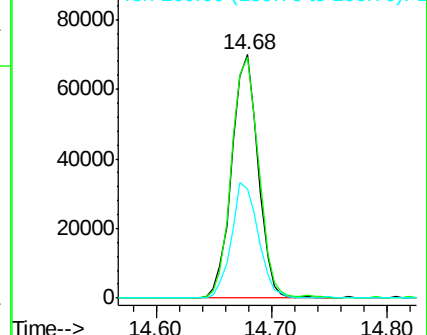
160 44.6 35.4 53.0

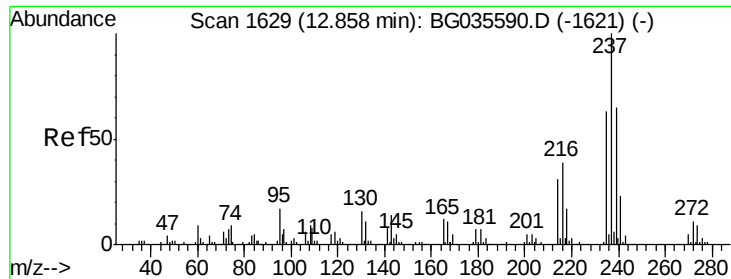


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

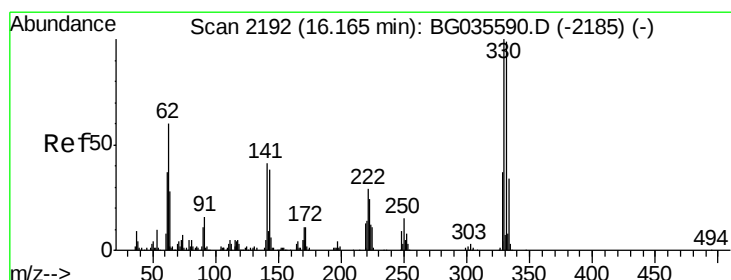
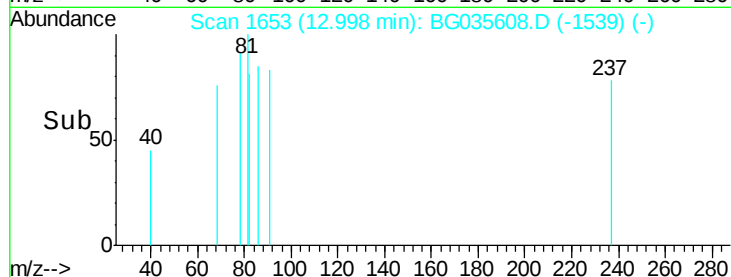
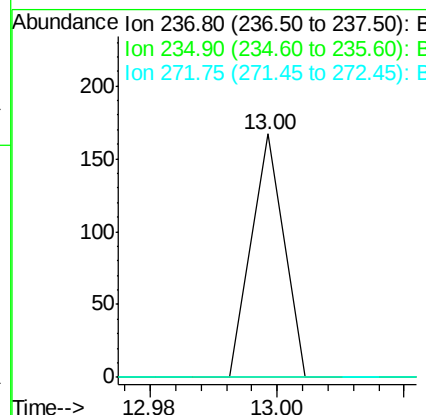
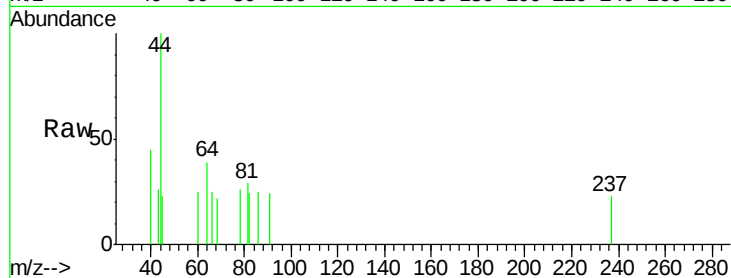




#40  
Hexachlorocyclopentadiene  
Concen: 0.027 ng  
RT: 13.00 min Scan# 1653  
Delta R.T. 0.14 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

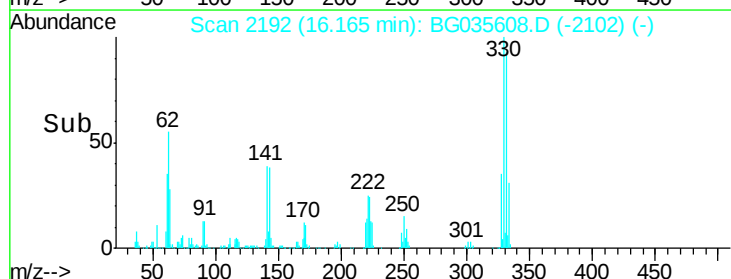
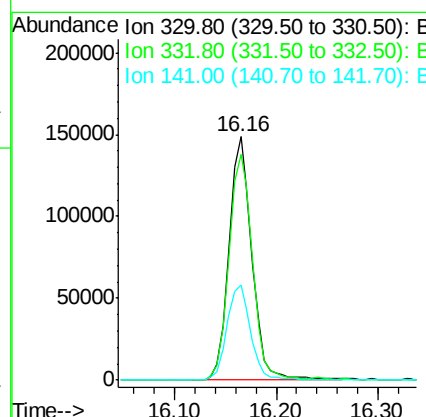
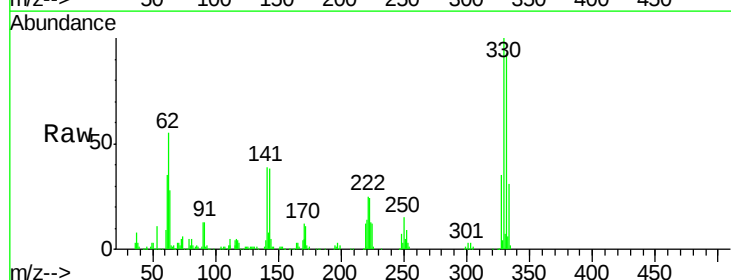
Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

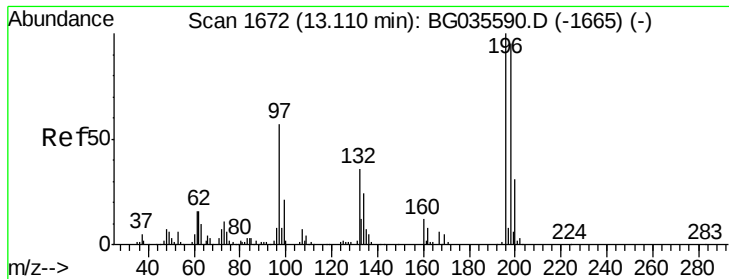
Tgt Ion: 237 Resp: 59  
Ion Ratio Lower Upper  
237 100  
235 0.0 50.4 90.4#  
272 0.0 0.0 31.8



#41  
2,4,6-Tribromophenol  
Concen: 159.170 ng  
RT: 16.16 min Scan# 2192  
Delta R.T. -0.00 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Tgt Ion: 330 Resp: 232492  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.0 115.6  
141 40.5 25.2 37.8#





#42

2,4,6-Trichlorophenol

Concen: 0.025 ng

RT: 13.06 min Scan# 1663

Delta R.T. -0.05 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

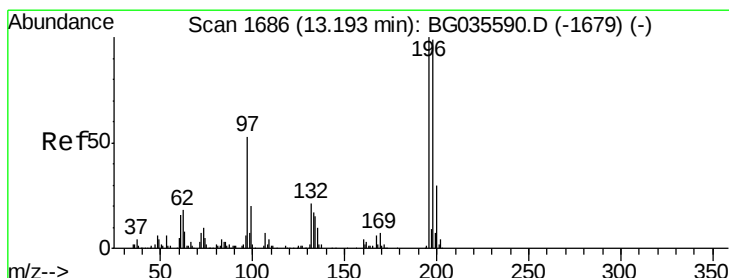
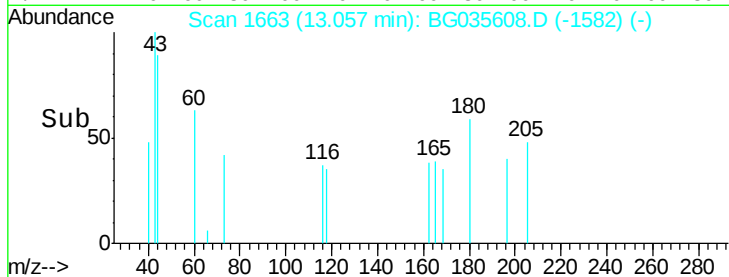
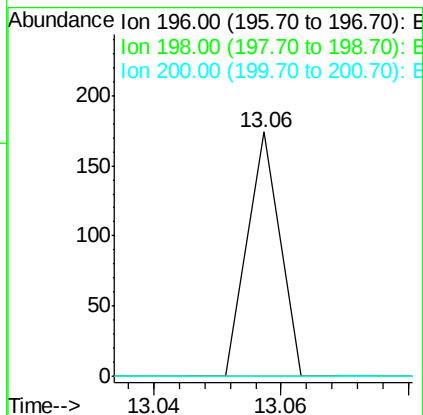
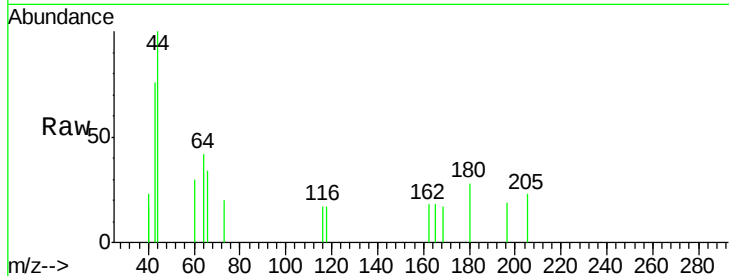
Instrument :

BNA\_G

ClientSampled :

PAR-1

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 61     |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 0.0   | 78.2  | 117.2# |
| 200      | 0.0   | 24.6  | 36.8#  |



#43

2,4,5-Trichlorophenol

Concen: 0.024 ng

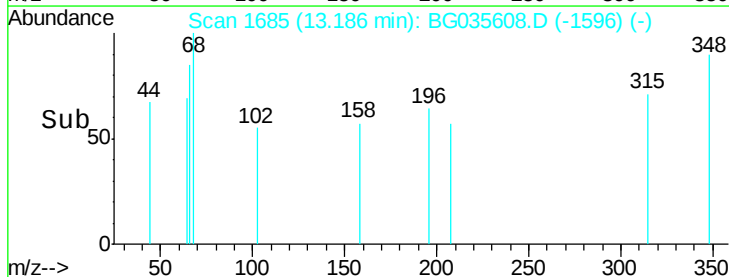
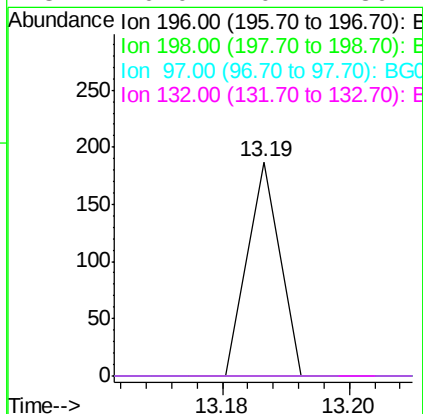
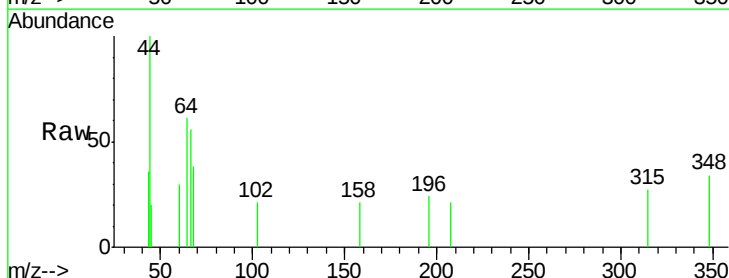
RT: 13.19 min Scan# 1685

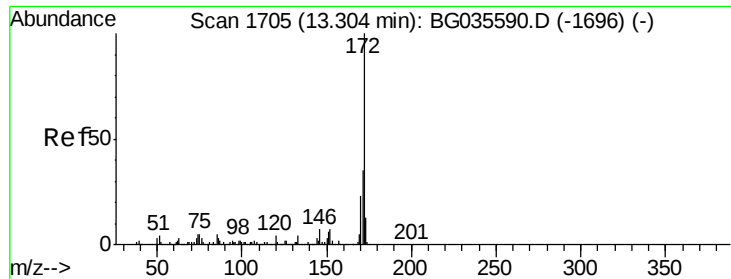
Delta R.T. -0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 66     |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 0.0   | 76.2  | 114.4# |
| 97       | 0.0   | 38.7  | 58.1#  |
| 132      | 0.0   | 20.2  | 30.2#  |

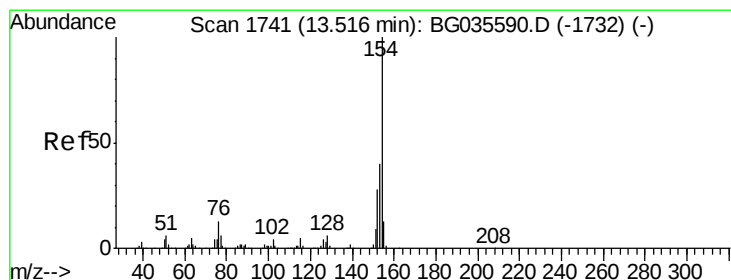
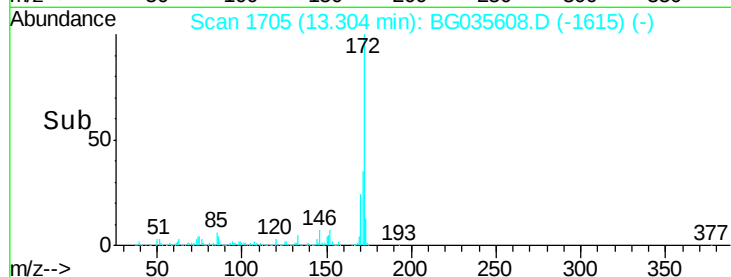
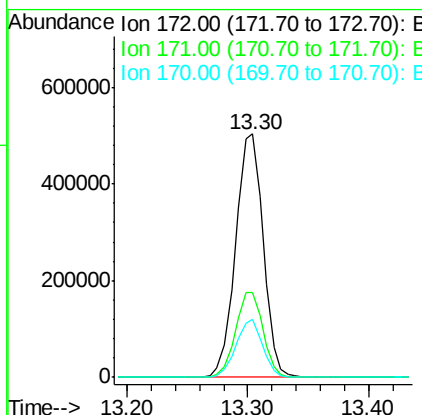
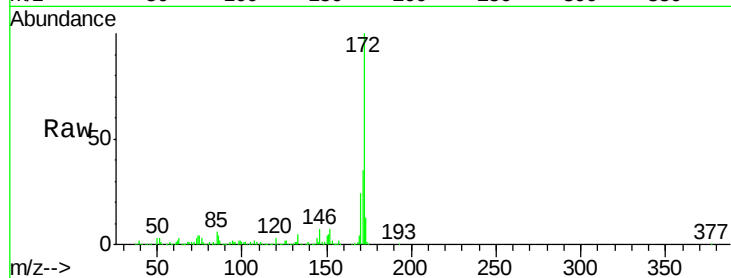




#44  
2-Fluorobiphenyl  
Concen: 97.271 ng  
RT: 13.30 min Scan# 1705  
Delta R.T. -0.00 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

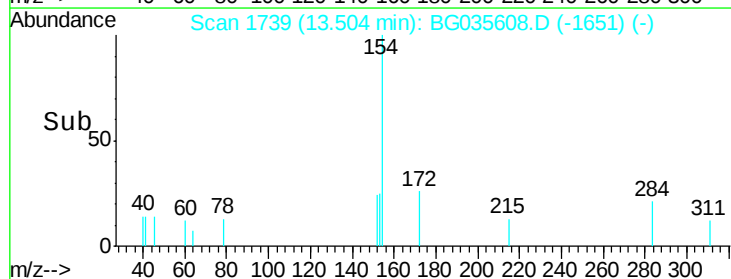
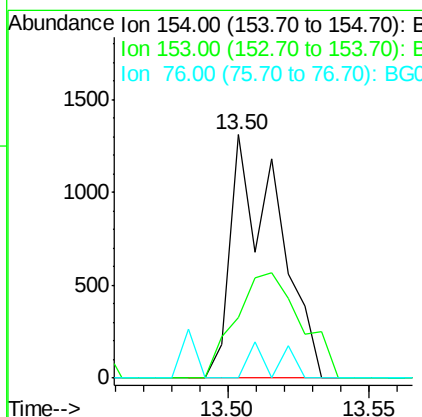
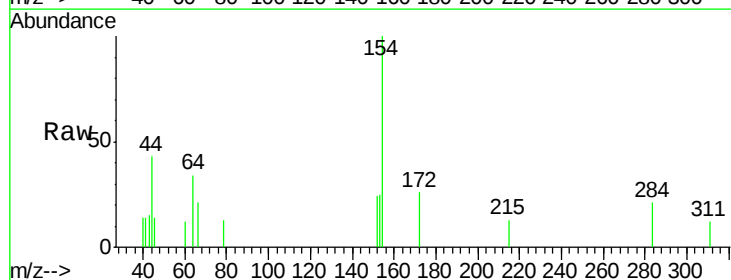
Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

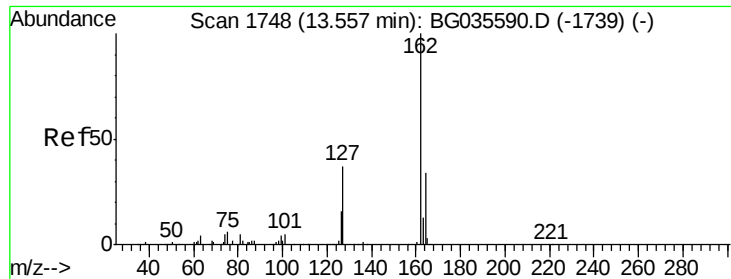
Tgt Ion:172 Resp: 804585  
Ion Ratio Lower Upper  
172 100  
171 35.0 30.0 45.0  
170 23.7 19.5 29.3



#45  
1,1'-Biphenyl  
Concen: 0.177 ng  
RT: 13.50 min Scan# 1739  
Delta R.T. -0.01 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Tgt Ion:154 Resp: 1518  
Ion Ratio Lower Upper  
154 100  
153 24.9 19.8 59.8  
76 0.0 0.0 31.9

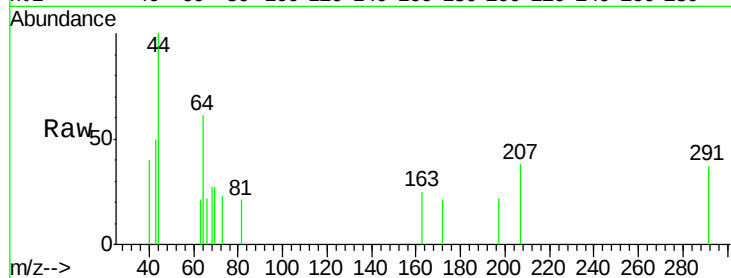




#46  
2-Chloronaphthalene  
Concen: 0.010 ng  
RT: 13.58 min Scan# 1752  
Delta R.T. 0.02 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

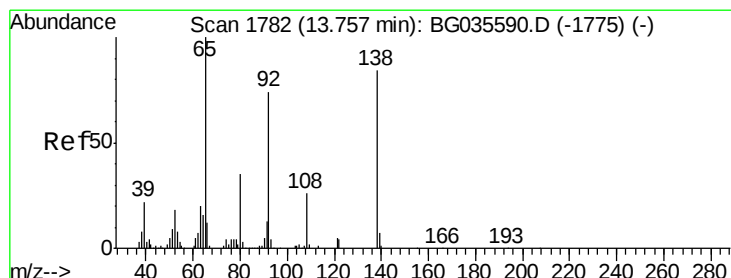
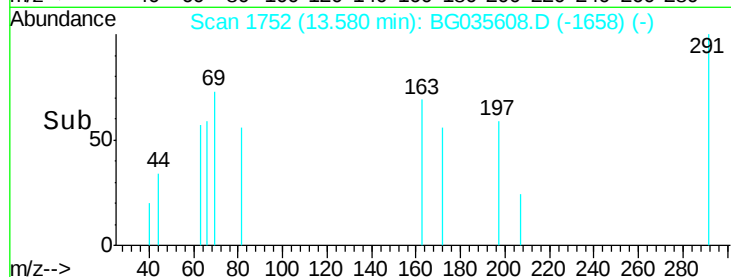
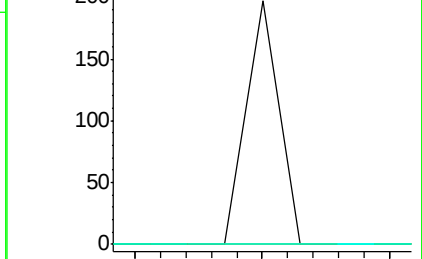
Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

Tgt Ion: 162 Resp: 69  
Ion Ratio Lower Upper  
162 100  
127 0.0 30.7 46.1#  
164 0.0 26.0 39.0#



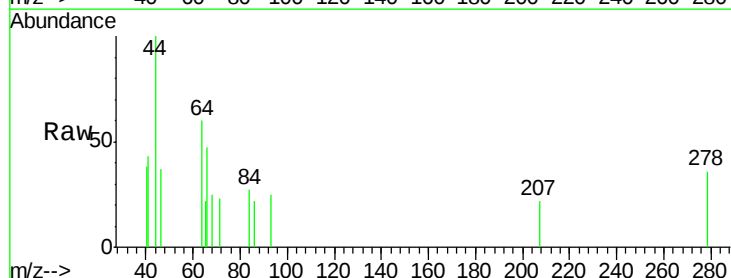
Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

13.58



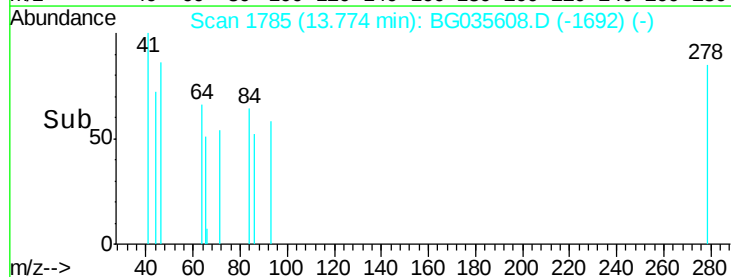
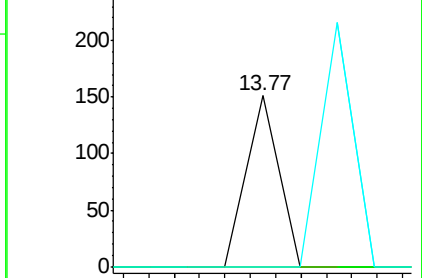
#47  
2-Nitroaniline  
Concen: 0.022 ng  
RT: 13.77 min Scan# 1785  
Delta R.T. 0.02 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

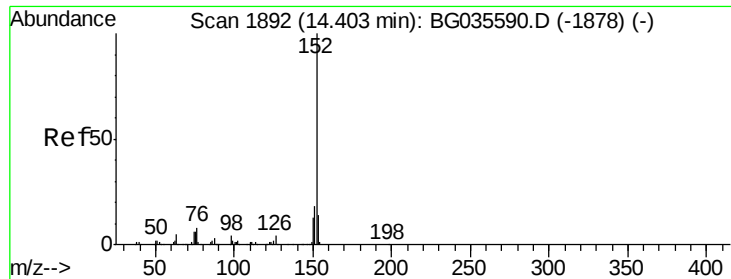
Tgt Ion: 65 Resp: 53  
Ion Ratio Lower Upper  
65 100  
92 0.0 54.6 82.0#  
138 0.0 72.9 109.3#



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

13.77





#48

Acenaphthylene

Concen: 0.023 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

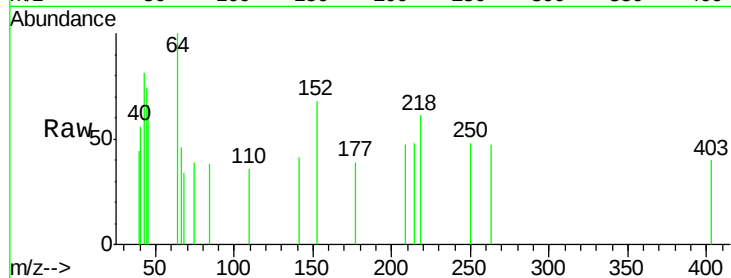
Tgt Ion:152 Resp: 258

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

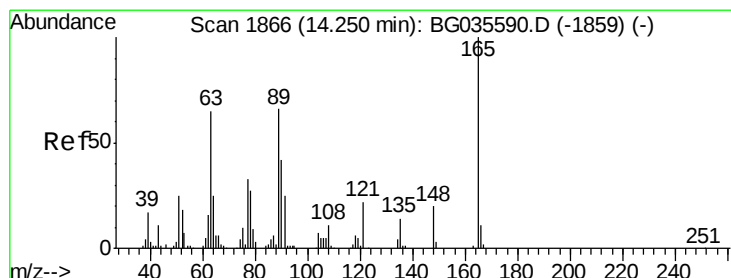
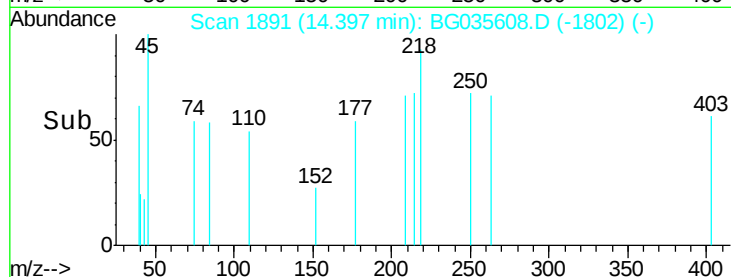
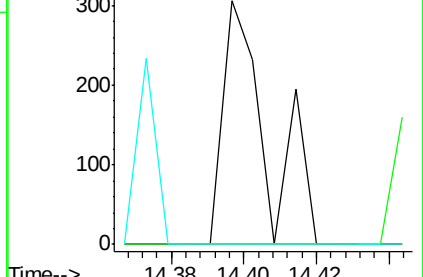
153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 7.972 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.42 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

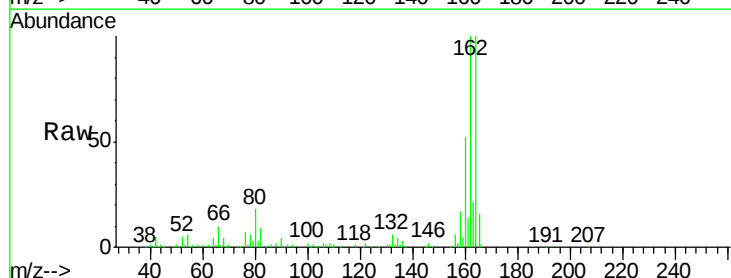
Tgt Ion:165 Resp: 15762

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

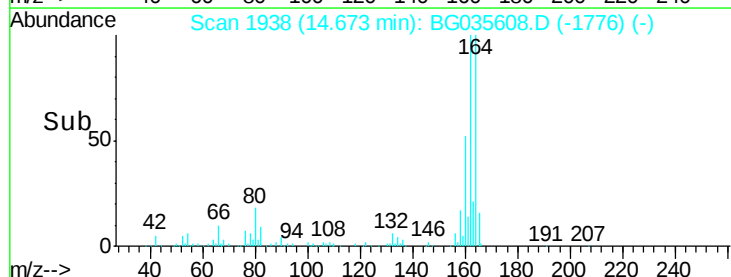
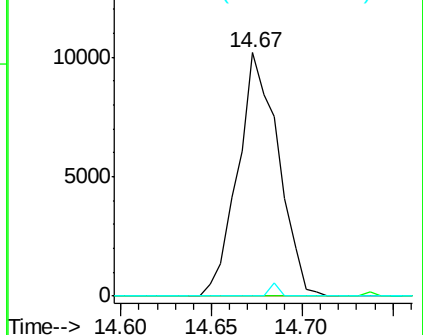
89 0.0 49.2 73.8#

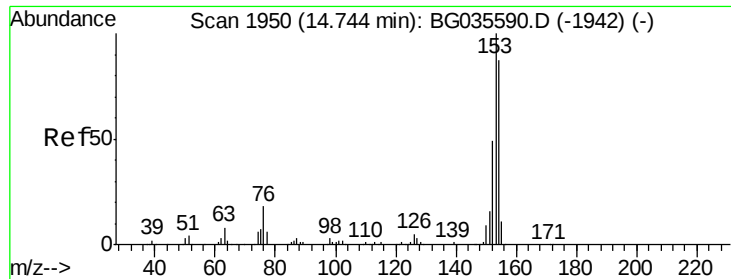


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.175 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

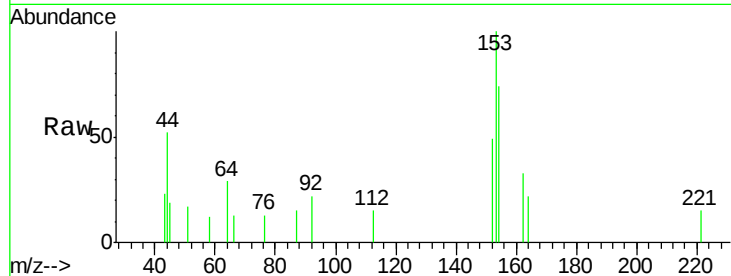
Tgt Ion:154 Resp: 1223

Ion Ratio Lower Upper

154 100

153 135.9 90.4 135.6#

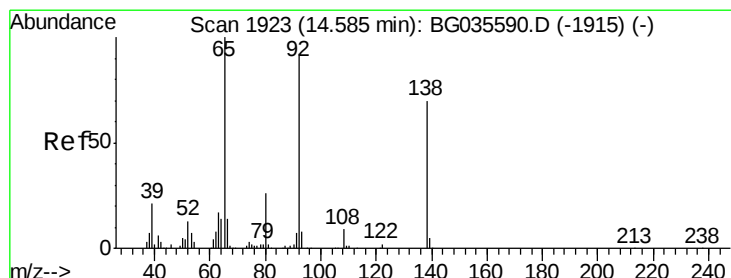
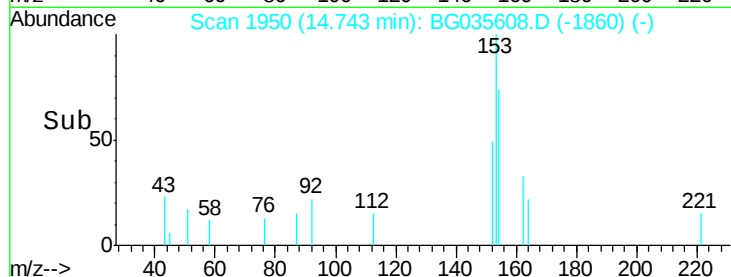
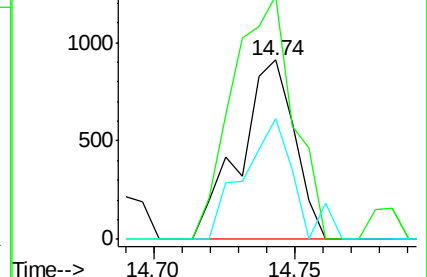
152 67.1 41.6 62.4#



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



#52

3-Nitroaniline

Concen: 0.027 ng

RT: 14.93 min Scan# 1982

Delta R.T. 0.35 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

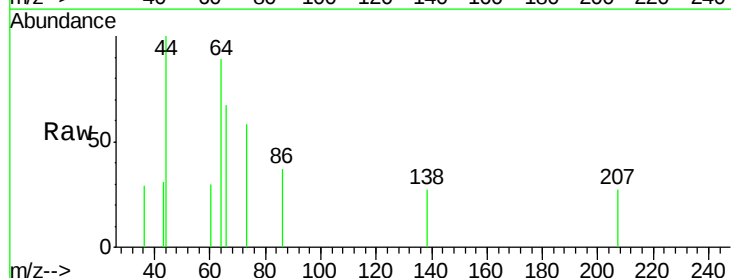
Tgt Ion:138 Resp: 54

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

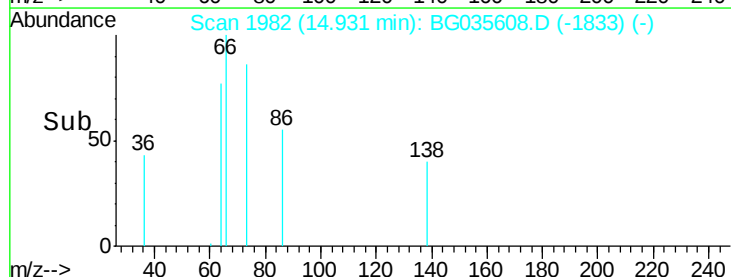
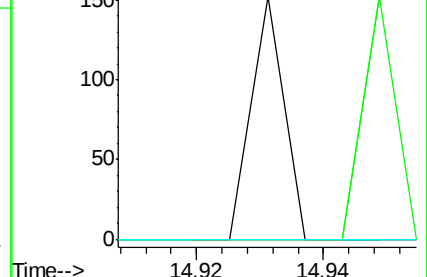
92 0.0 105.8 158.8#

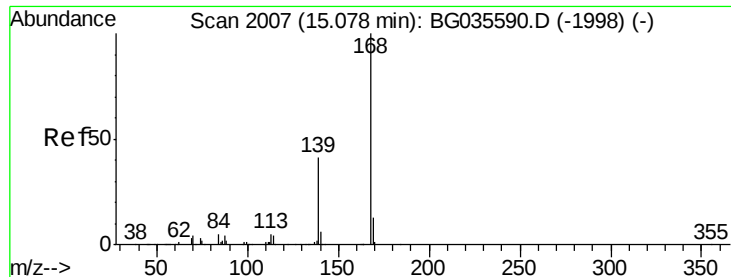


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#54

Dibenzofuran

Concen: 0.145 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

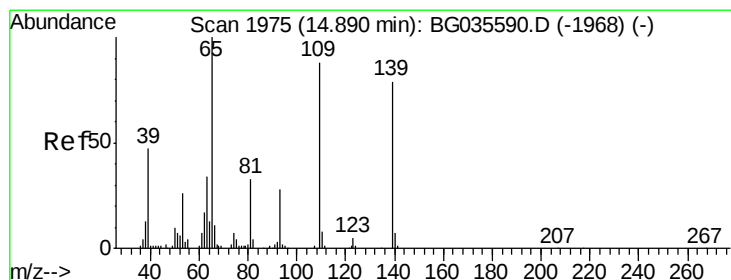
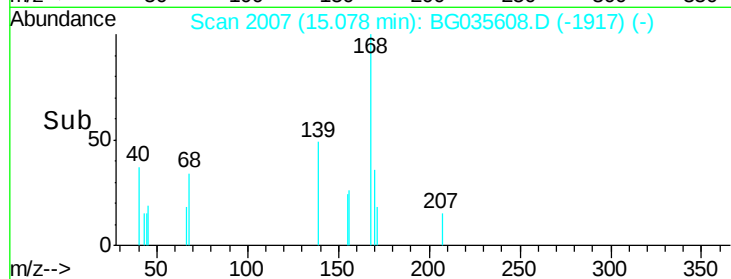
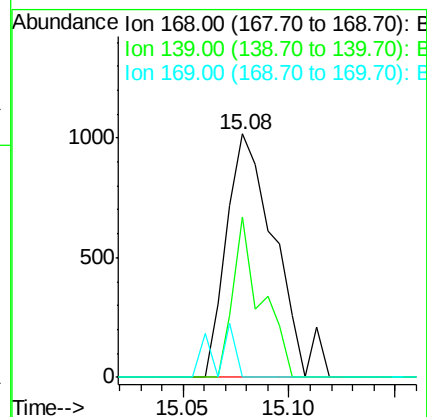
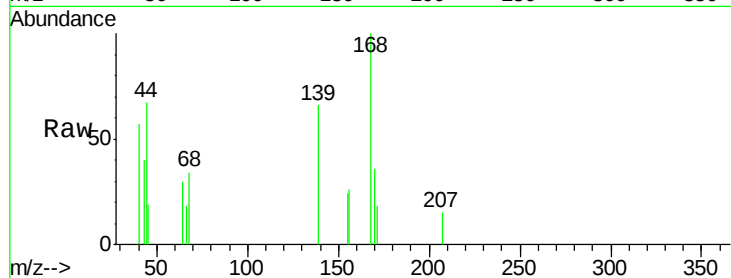
Tgt Ion:168 Resp: 1609

Ion Ratio Lower Upper

168 100

139 65.6 28.6 43.0#

169 0.0 11.2 16.8#



#55

4-Nitrophenol

Concen: 0.431 ng

RT: 15.08 min Scan# 2007

Delta R.T. 0.19 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

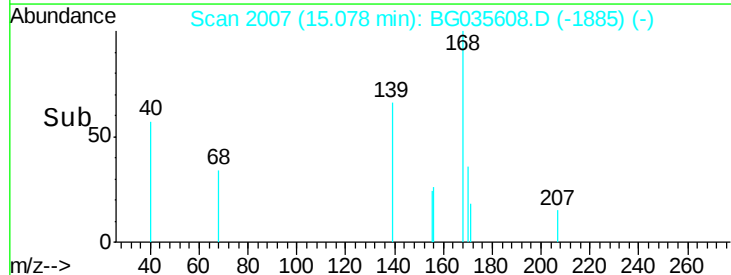
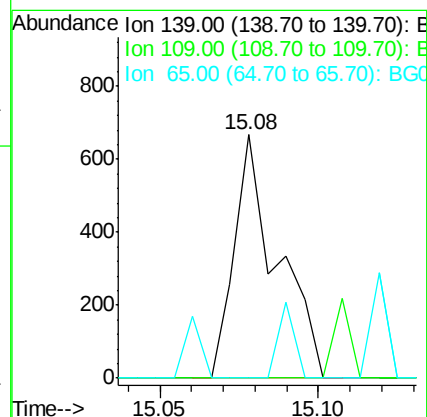
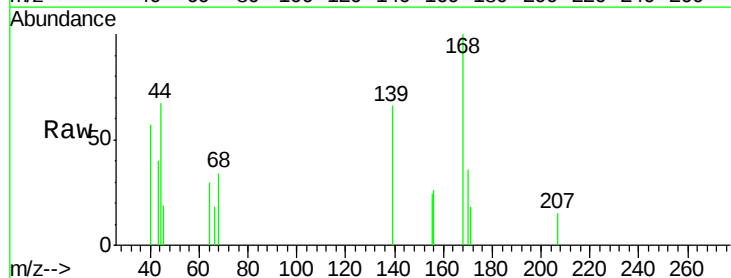
Tgt Ion:139 Resp: 620

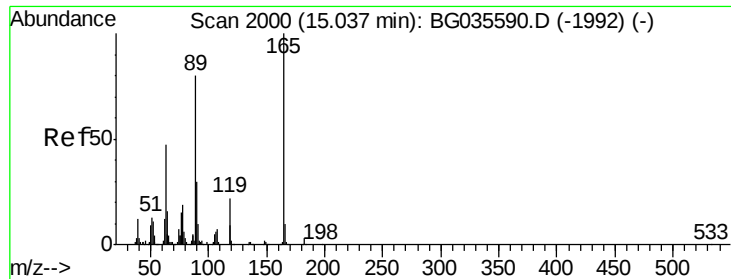
Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

65 0.0 97.2 137.2#

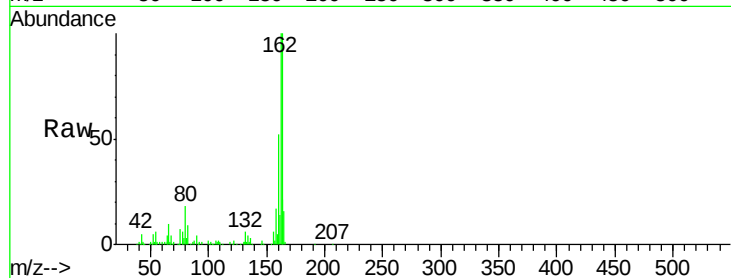




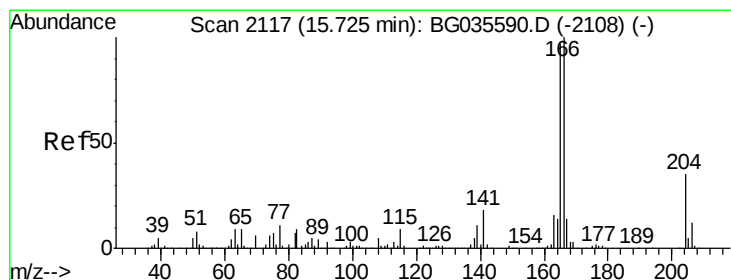
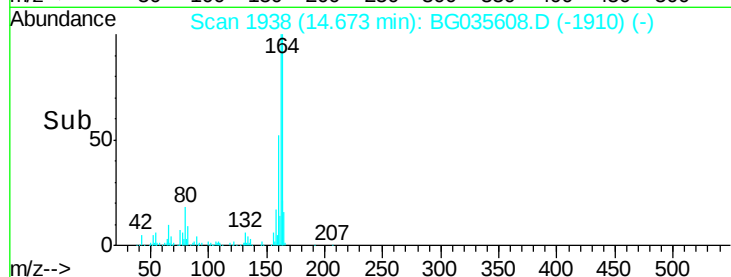
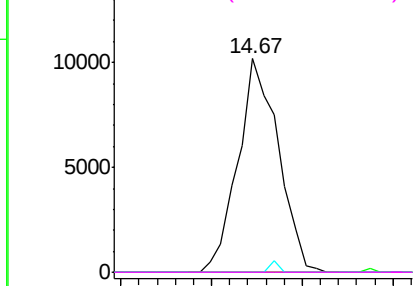
#56  
2,4-Dinitrotoluene  
Concen: 5.557 ng  
RT: 14.67 min Scan# 1938  
Delta R.T. -0.36 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

Tgt Ion:165 Resp: 15762  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.0 63.0#  
89 0.0 66.9 100.3#  
182 0.0 2.6 3.8#

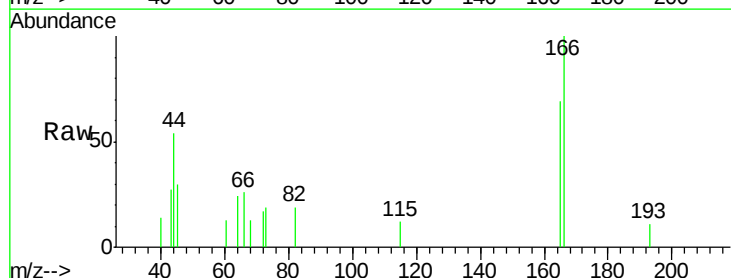


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

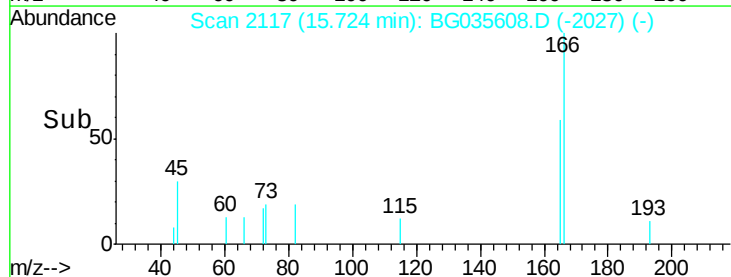
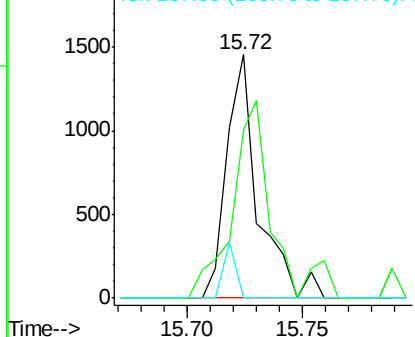


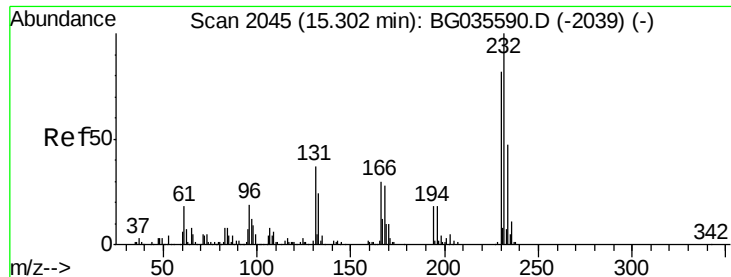
#57  
Fluorene  
Concen: 0.147 ng  
RT: 15.72 min Scan# 2117  
Delta R.T. -0.00 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Tgt Ion:166 Resp: 1368  
Ion Ratio Lower Upper  
166 100  
165 69.2 80.6 121.0#  
167 0.0 10.4 15.6#



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

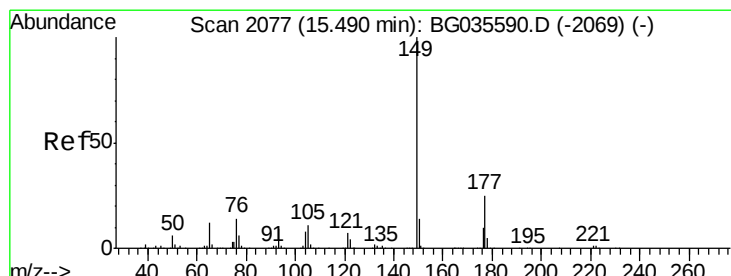
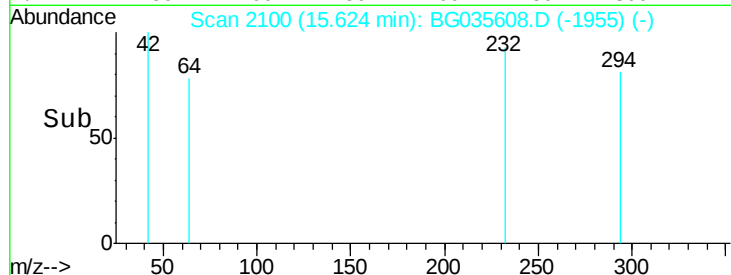
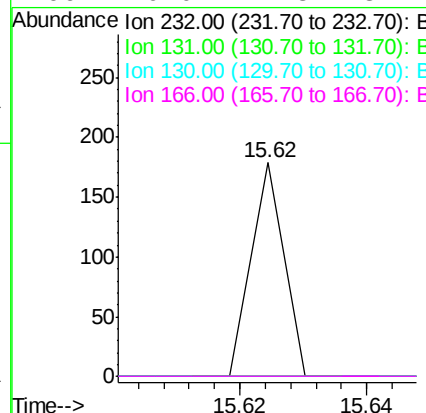
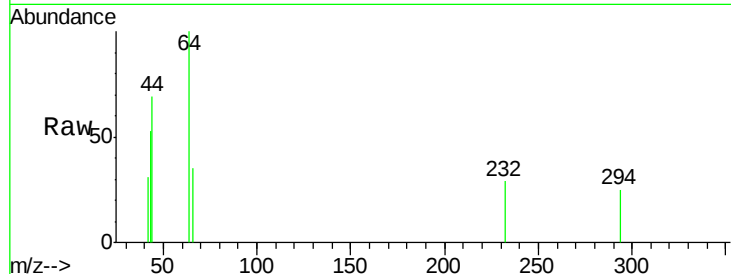




#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 0.024 ng  
 RT: 15.62 min Scan# 2100  
 Delta R.T. 0.32 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

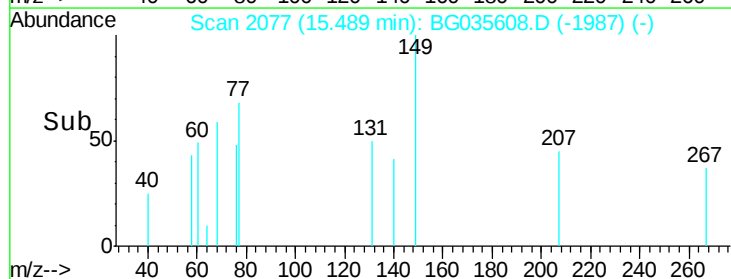
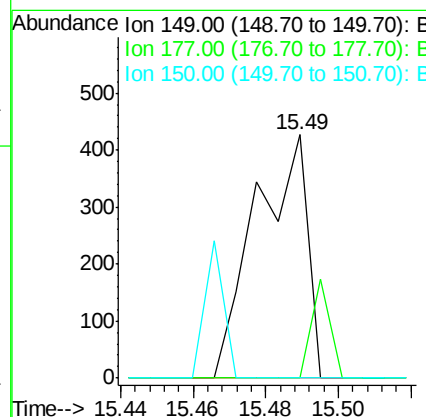
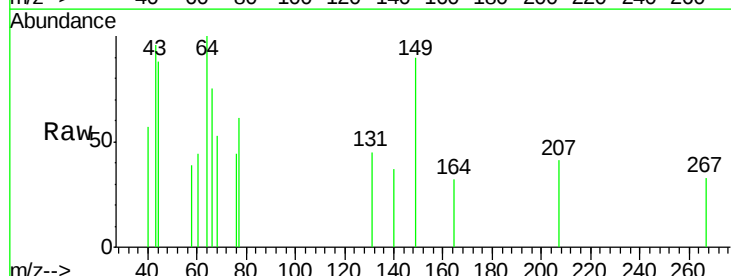
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

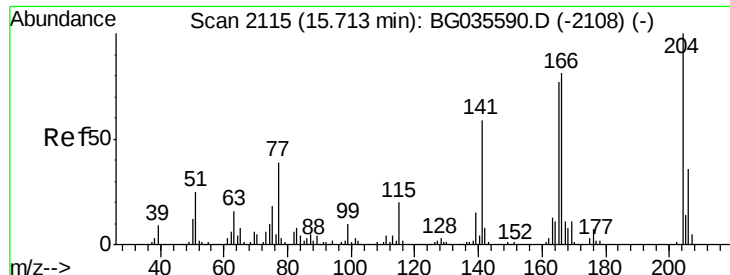
Tgt Ion:232 Resp: 63  
 Ion Ratio Lower Upper  
 232 100  
 131 0.0 33.5 50.3#  
 130 0.0 2.2 3.2#  
 166 0.0 24.8 37.2#



#59  
 Diethylphthalate  
 Concen: 0.042 ng  
 RT: 15.49 min Scan# 2077  
 Delta R.T. -0.00 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

Tgt Ion:149 Resp: 422  
 Ion Ratio Lower Upper  
 149 100  
 177 0.0 18.5 27.7#  
 150 0.0 10.2 15.2#

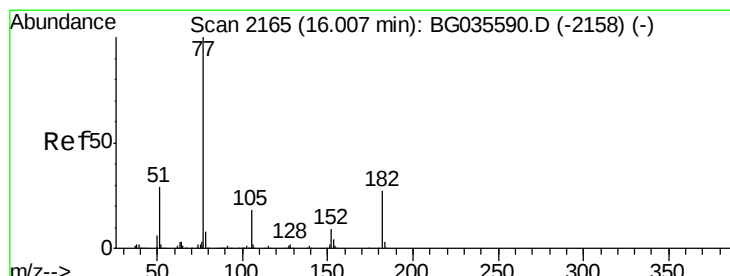
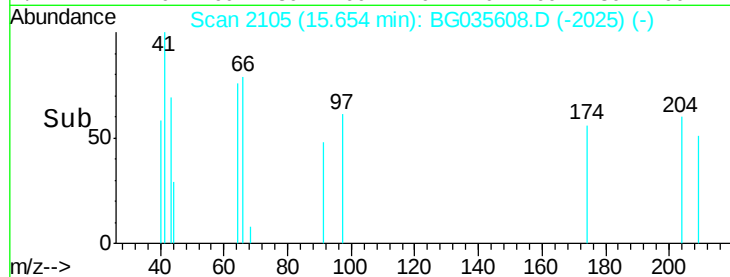
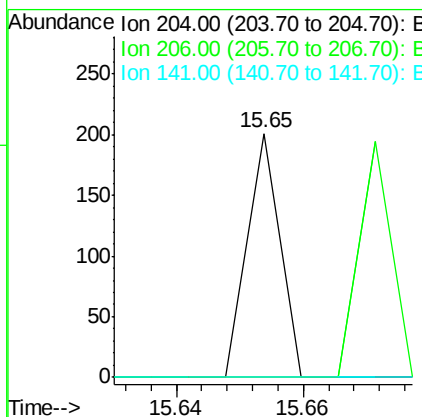
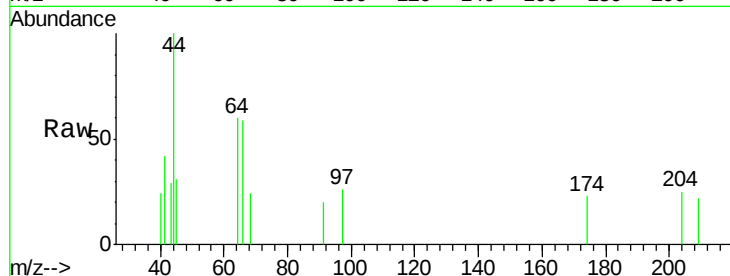




#60  
 4-Chlorophenyl-phenylether  
 Concen: 0.013 ng  
 RT: 15.65 min Scan# 2105  
 Delta R.T. -0.06 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

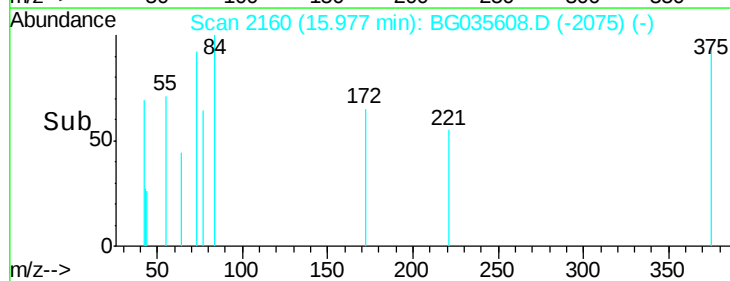
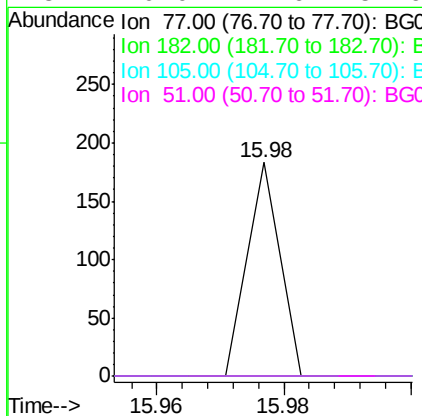
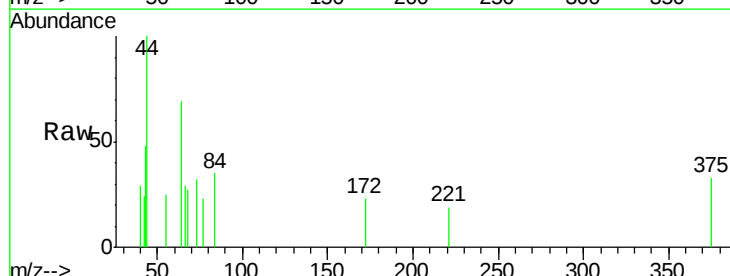
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

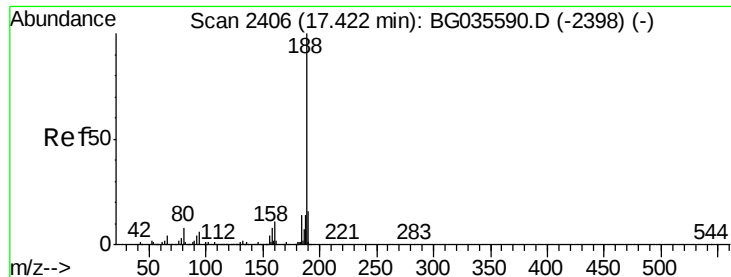
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 204   | Resp: | 71    |
| Ion      | Ratio | Lower | Upper |
| 204      | 100   |       |       |
| 206      | 0.0   | 26.2  | 39.2# |
| 141      | 0.0   | 45.8  | 68.6# |



#62  
 Azobenzene  
 Concen: 0.007 ng  
 RT: 15.98 min Scan# 2160  
 Delta R.T. -0.03 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 65    |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 0.0   | 7.4   | 47.4# |
| 105      | 0.0   | 0.3   | 40.3# |
| 51       | 0.0   | 11.6  | 51.6# |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

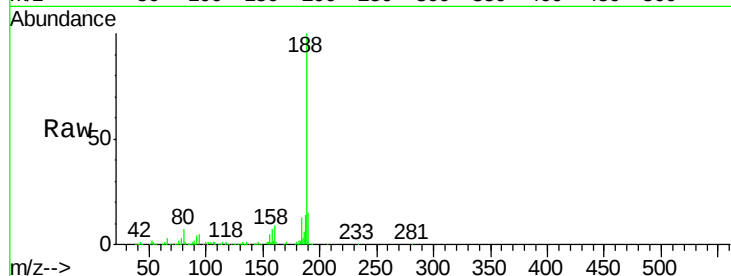
Tgt Ion:188 Resp: 314040

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

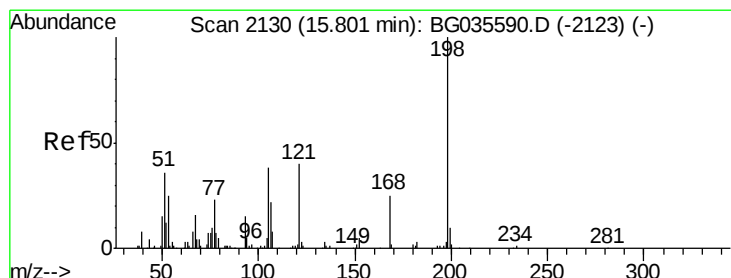
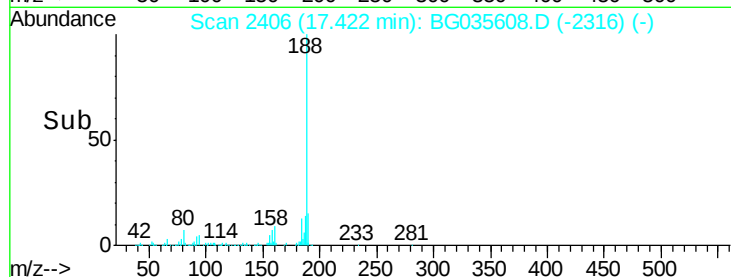
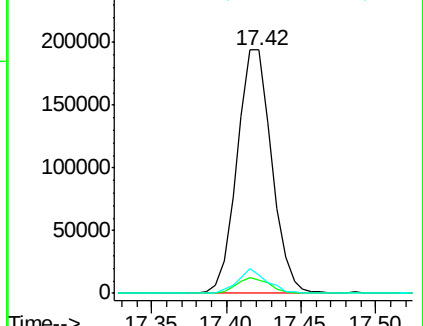
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 0.680 ng

RT: 16.16 min Scan# 2191

Delta R.T. 0.36 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

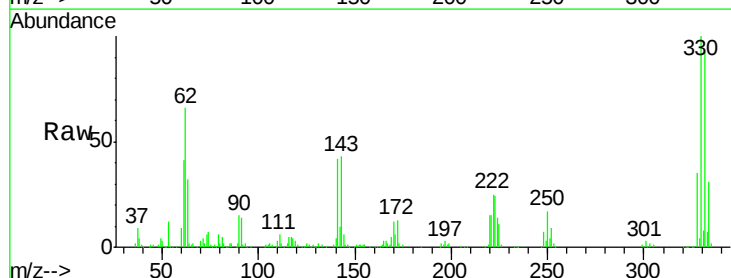
Tgt Ion:198 Resp: 1188

Ion Ratio Lower Upper

198 100

51 60.0 30.6 70.6

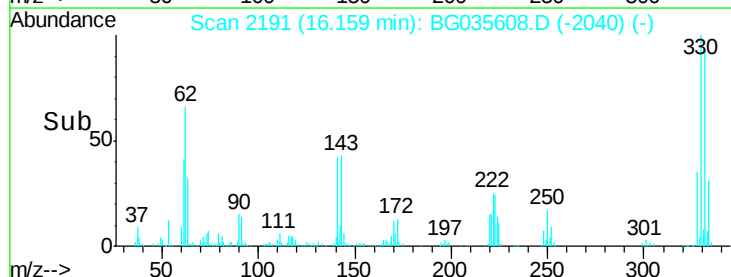
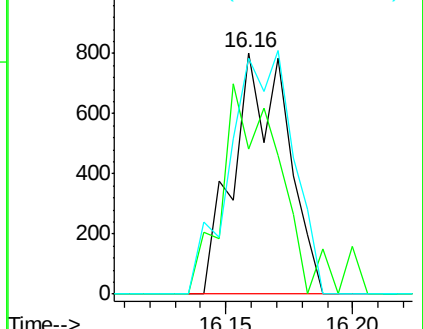
105 97.5 23.8 63.8#

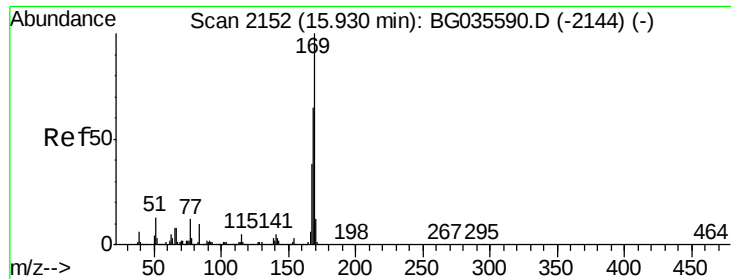


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

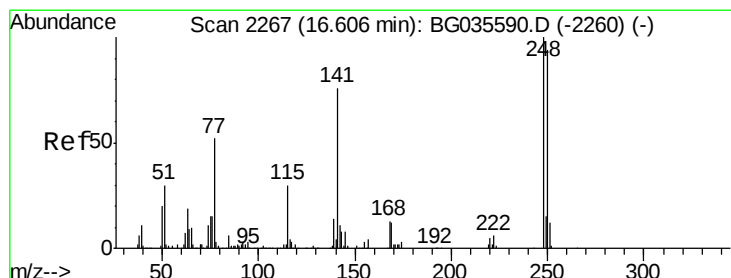
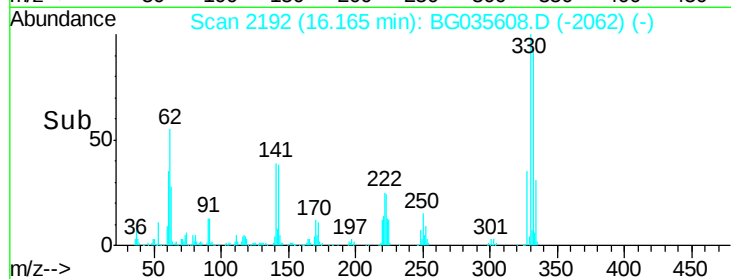
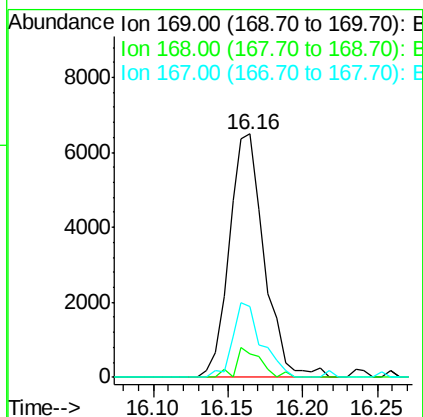
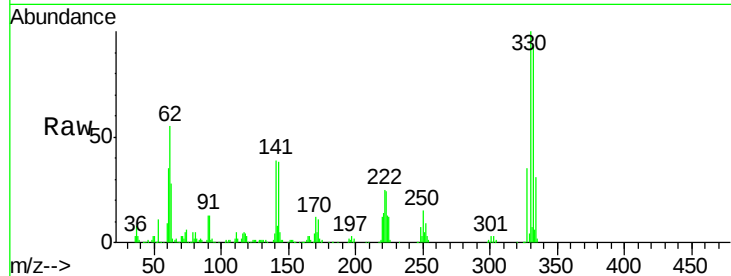




#65  
 n-Nitrosodiphenylamine  
 Concen: 1.184 ng  
 RT: 16.16 min Scan# 2192  
 Delta R.T. 0.23 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

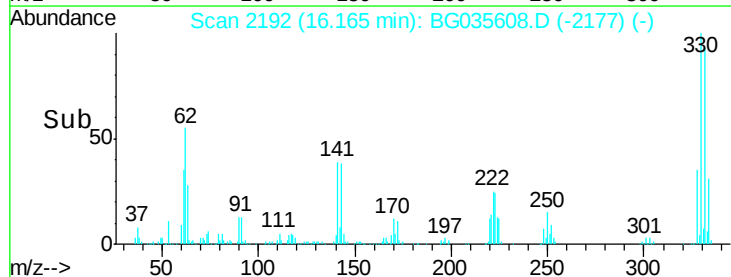
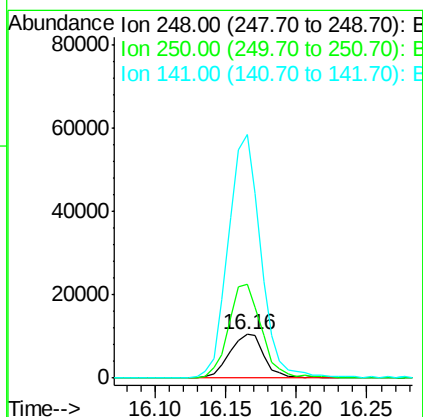
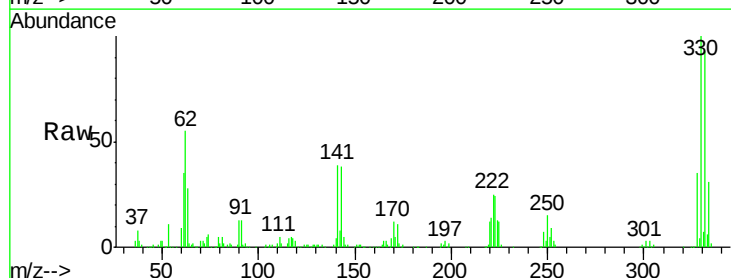
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

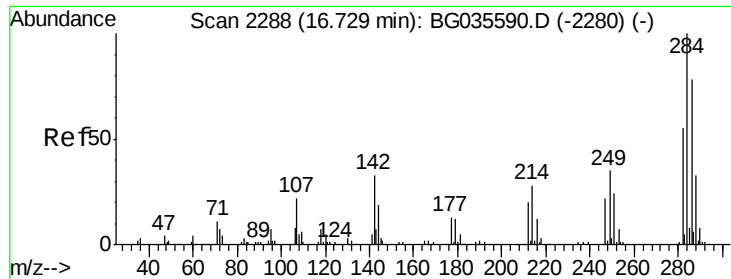
Tgt Ion:169 Resp: 10585  
 Ion Ratio Lower Upper  
 169 100  
 168 9.7 55.7 83.5#  
 167 29.3 30.1 45.1#



#66  
 4-Bromophenyl-phenylether  
 Concen: 4.895 ng  
 RT: 16.16 min Scan# 2192  
 Delta R.T. -0.44 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

Tgt Ion:248 Resp: 17836  
 Ion Ratio Lower Upper  
 248 100  
 250 214.4 77.1 115.7#  
 141 557.6 50.8 76.2#

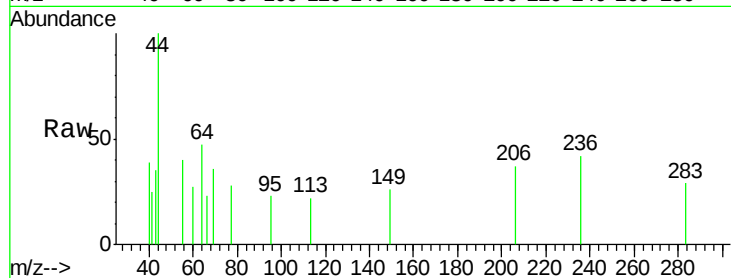




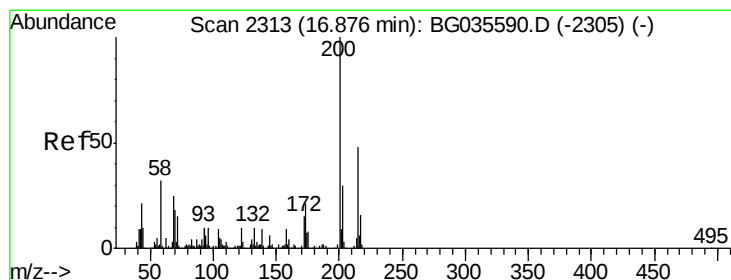
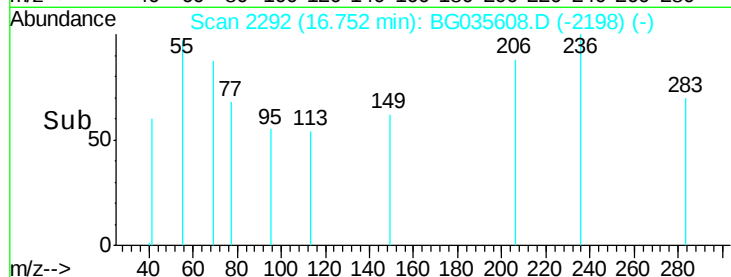
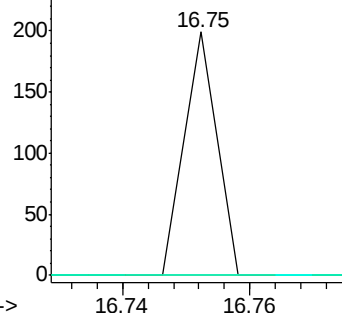
#67  
Hexachlorobenzene  
Concen: 0.019 ng  
RT: 16.75 min Scan# 2292  
Delta R.T. 0.02 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Instrument :  
BNA\_G  
ClientSampleId :  
PAR-1

Tgt Ion:284 Resp: 70  
Ion Ratio Lower Upper  
284 100  
142 0.0 26.8 40.2#  
249 0.0 26.3 39.5#

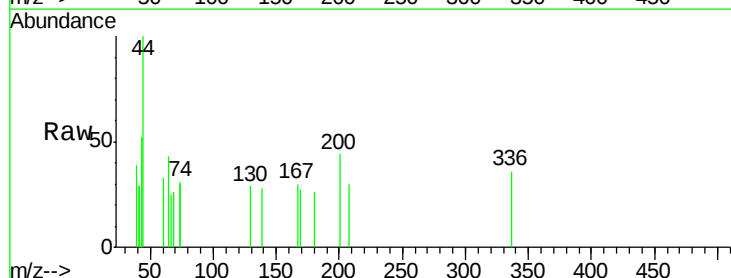


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

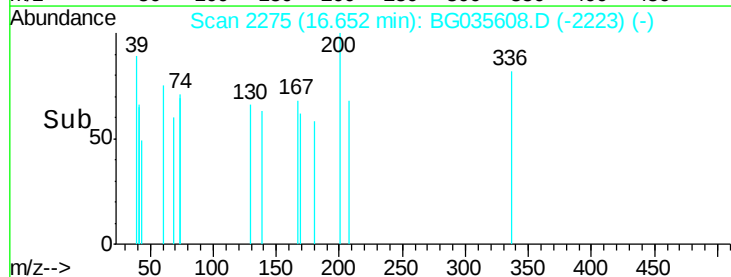
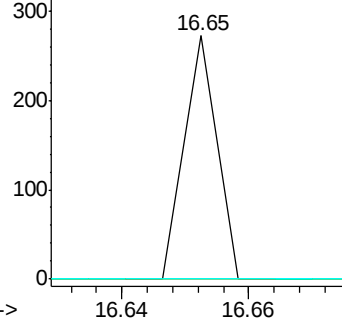


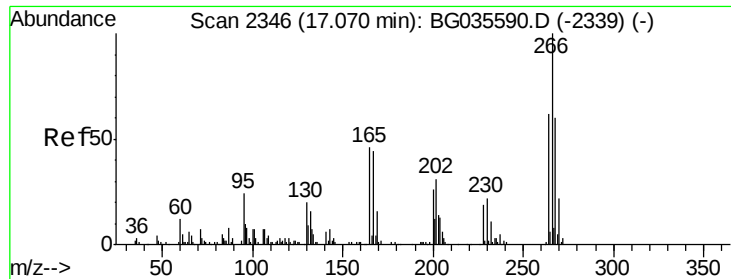
#68  
Atrazine  
Concen: 0.026 ng  
RT: 16.65 min Scan# 2275  
Delta R.T. -0.22 min  
Lab File: BG035608.D  
Acq: 12 Jul 2018 23:46

Tgt Ion:200 Resp: 96  
Ion Ratio Lower Upper  
200 100  
173 0.0 5.2 45.2#  
215 0.0 30.4 70.4#



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

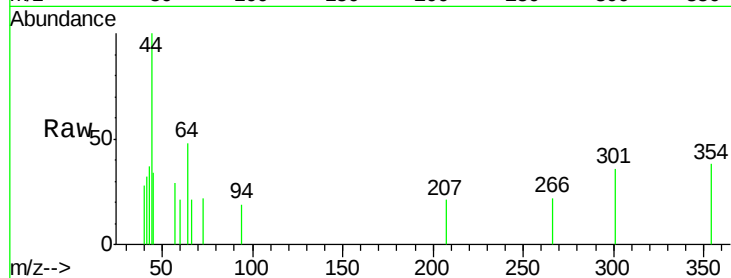




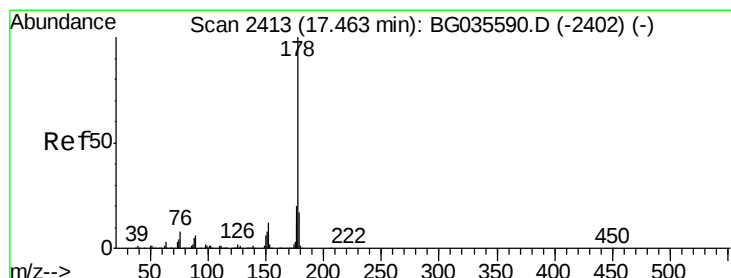
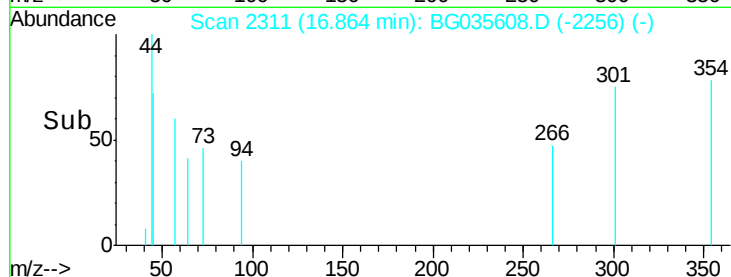
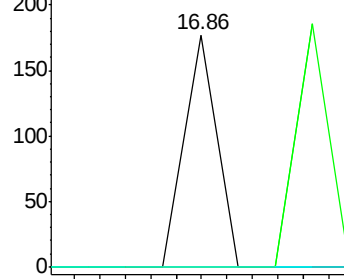
#69  
 Pentachlorophenol  
 Concen: 0.027 ng  
 RT: 16.86 min Scan# 2311  
 Delta R.T. -0.21 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

Instrument :  
 BNA\_G  
 ClientSampled :  
 PAR-1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 0.0   | 51.1  | 76.7# |
| 264     | 0.0   | 49.6  | 74.4# |

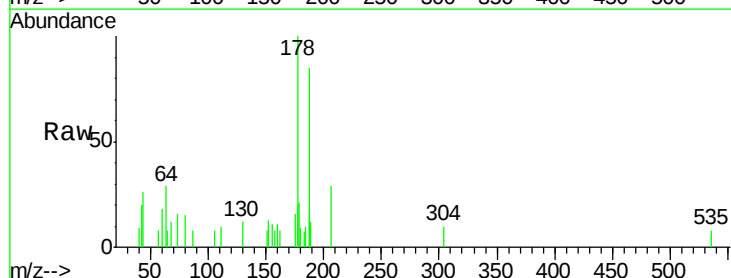


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

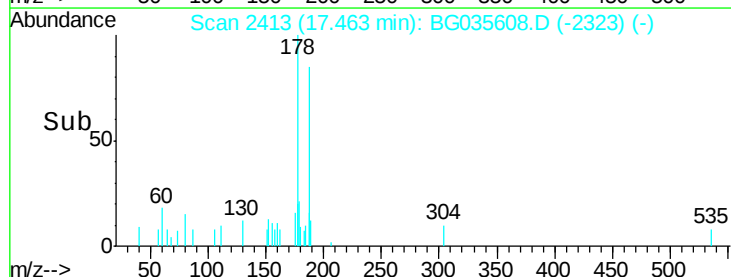
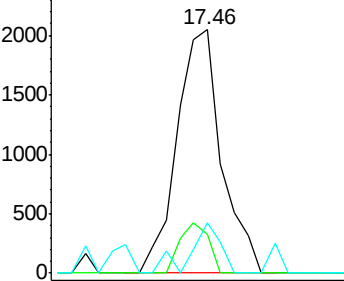


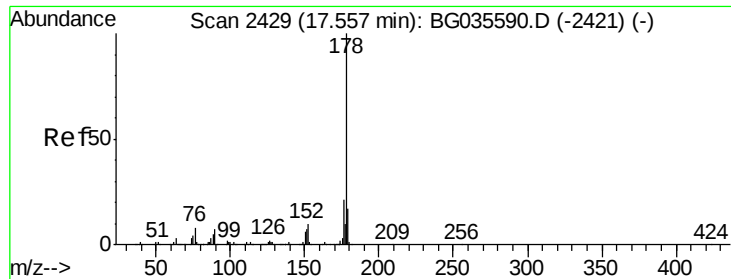
#70  
 Phenanthrene  
 Concen: 0.176 ng  
 RT: 17.46 min Scan# 2413  
 Delta R.T. -0.00 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 16.0  | 15.7  | 23.5  |
| 179     | 20.7  | 12.5  | 18.7# |



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

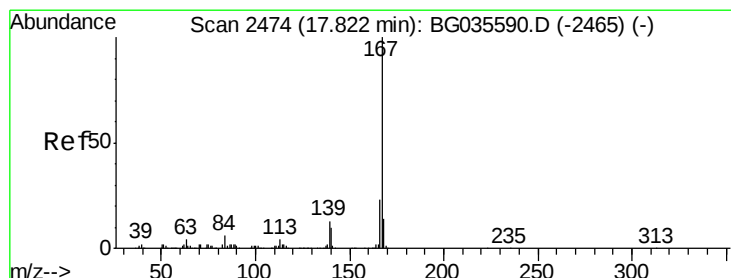
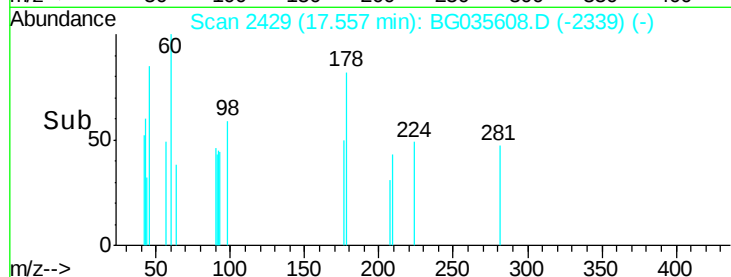
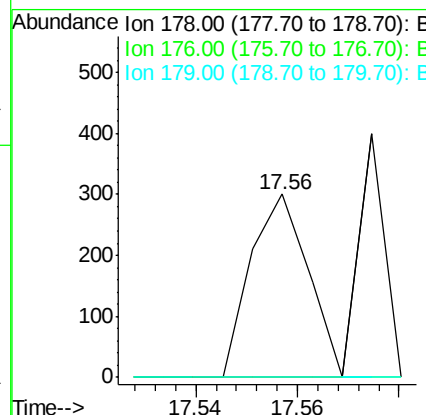
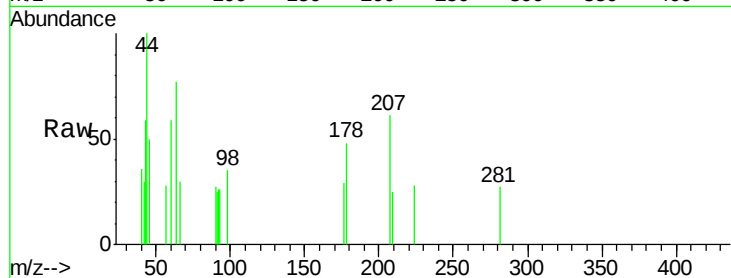




#71  
 Anthracene  
 Concen: 0.015 ng  
 RT: 17.56 min Scan# 2429  
 Delta R.T. -0.00 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

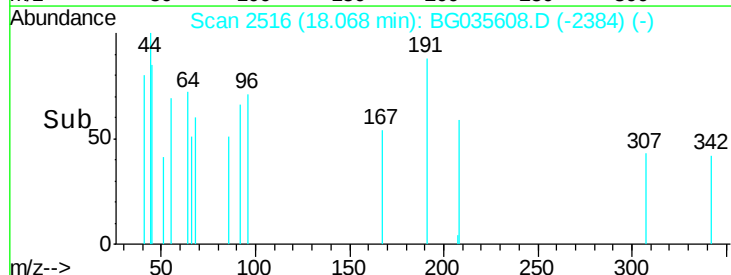
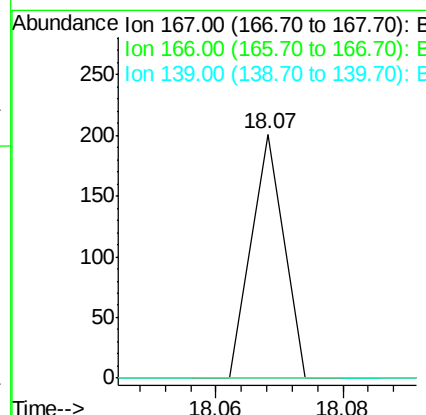
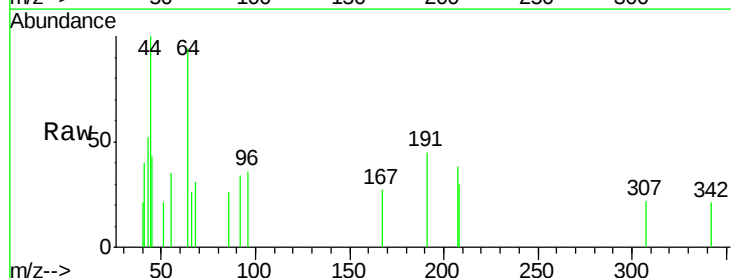
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

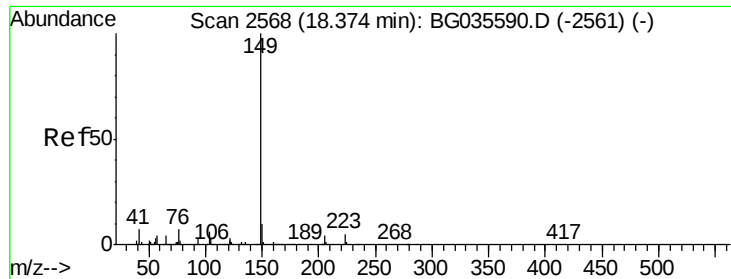
Tgt Ion:178 Resp: 235  
 Ion Ratio Lower Upper  
 178 100  
 176 0.0 16.0 24.0#  
 179 0.0 12.5 18.7#



#72  
 Carbazole  
 Concen: 0.005 ng  
 RT: 18.07 min Scan# 2516  
 Delta R.T. 0.25 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

Tgt Ion:167 Resp: 71  
 Ion Ratio Lower Upper  
 167 100  
 166 0.0 18.2 27.4#  
 139 0.0 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 0.122 ng

RT: 18.37 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

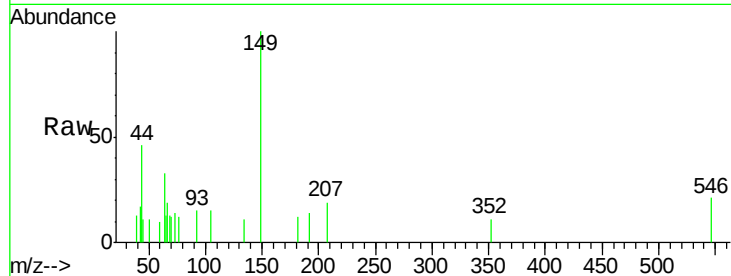
Tgt Ion:149 Resp: 2139

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

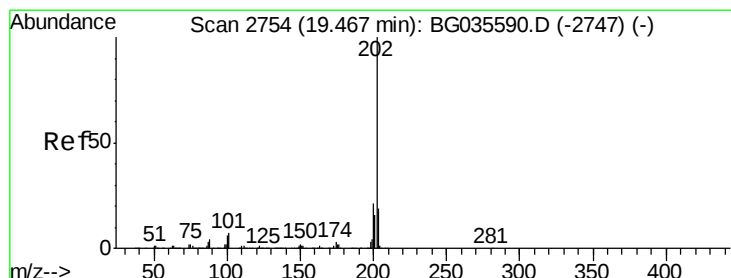
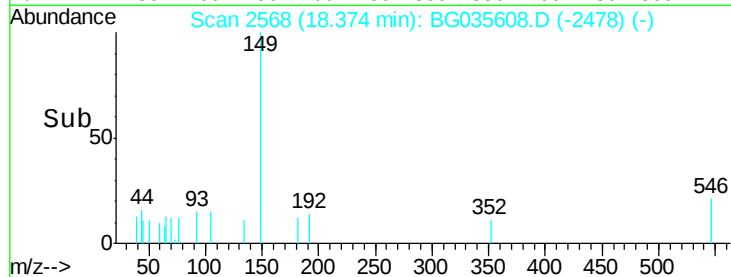
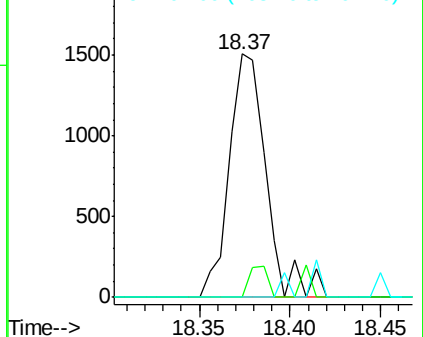
104 0.0 3.9 5.9#



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



#74

Fluoranthene

Concen: 0.012 ng

RT: 19.47 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

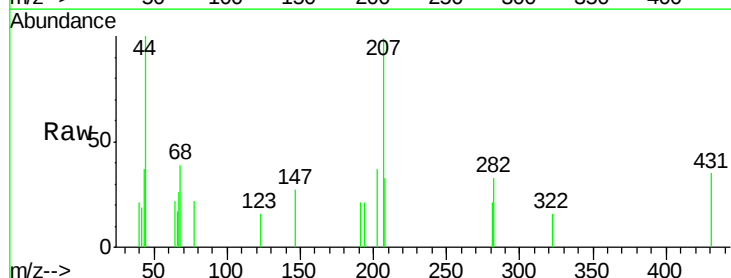
Tgt Ion:202 Resp: 249

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

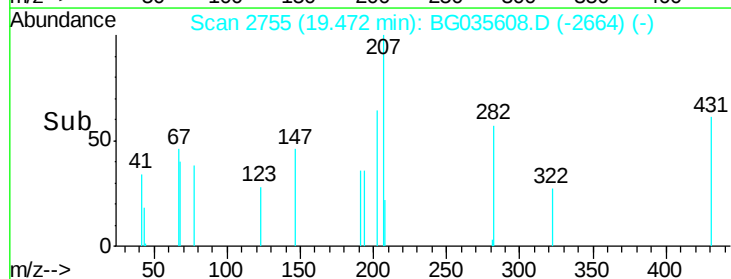
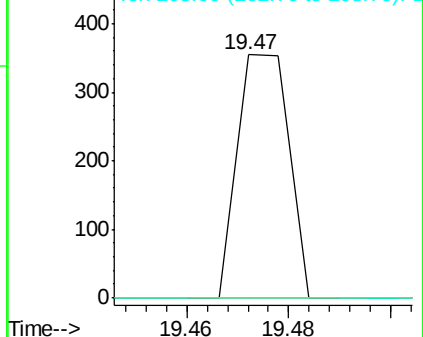
203 0.0 0.0 37.5

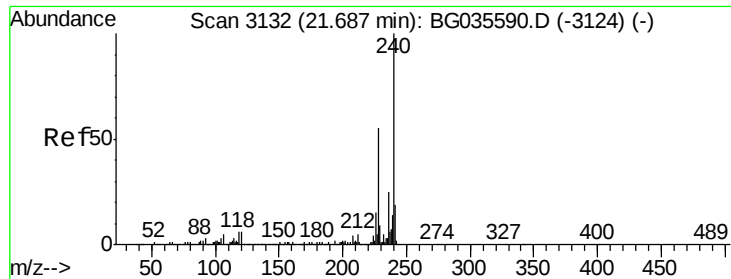


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

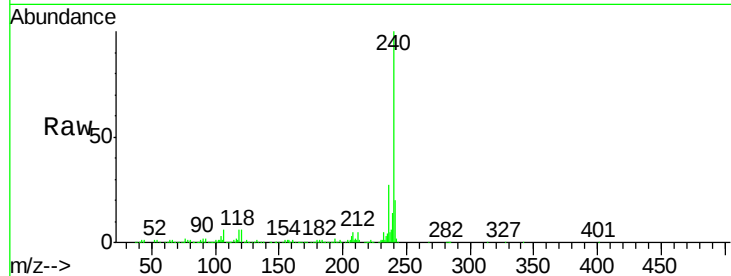
Tgt Ion:240 Resp: 351075

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

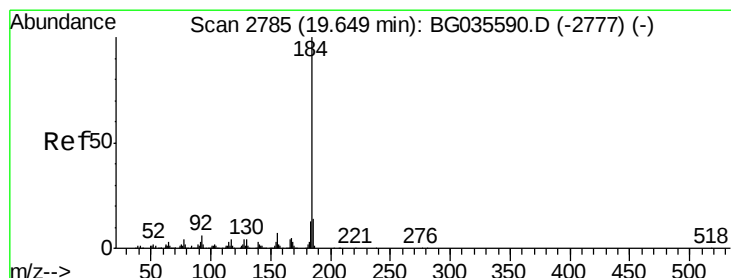
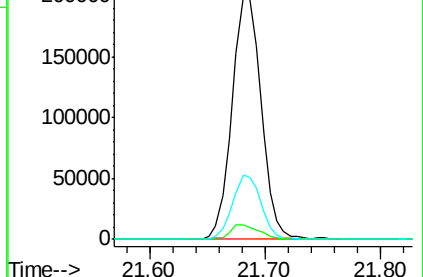
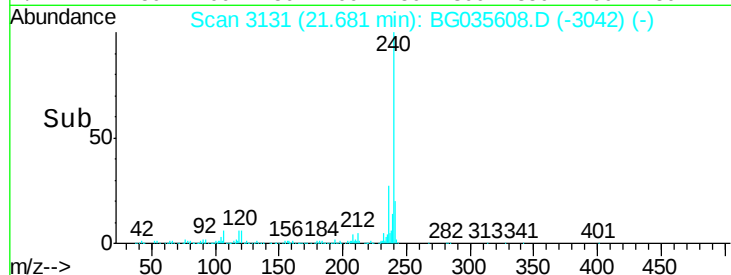
236 26.6 20.9 31.3



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



#76

Benzidine

Concen: 3.311 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

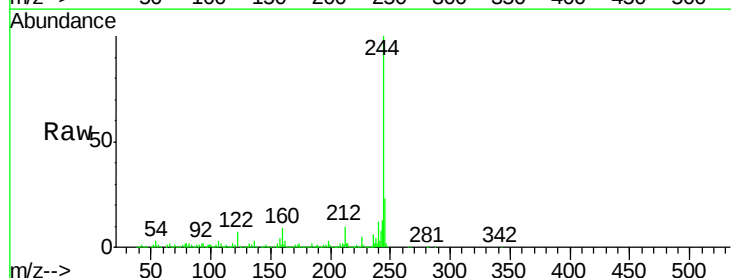
Tgt Ion:184 Resp: 30559

Ion Ratio Lower Upper

184 100

185 13.1 11.1 16.7

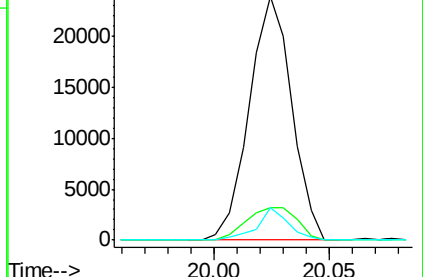
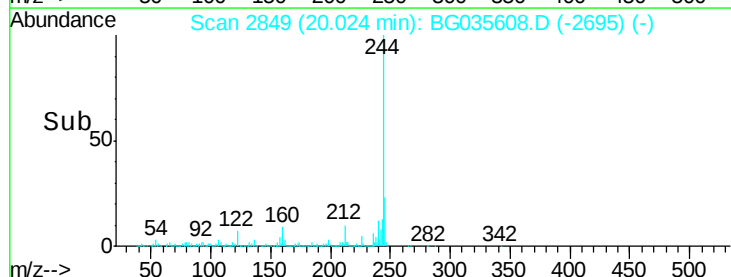
183 13.1 10.6 16.0

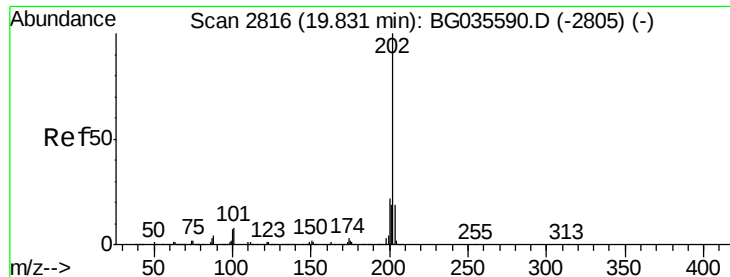


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 0.015 ng

RT: 19.84 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

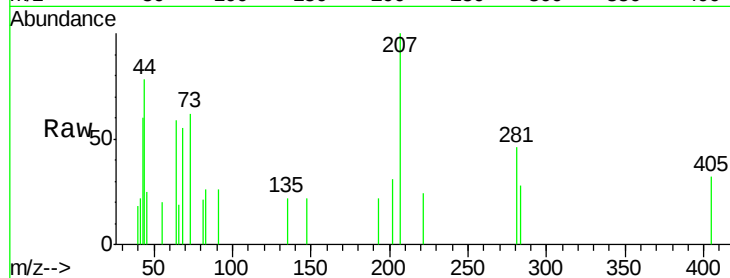
Tgt Ion: 202 Resp: 339

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

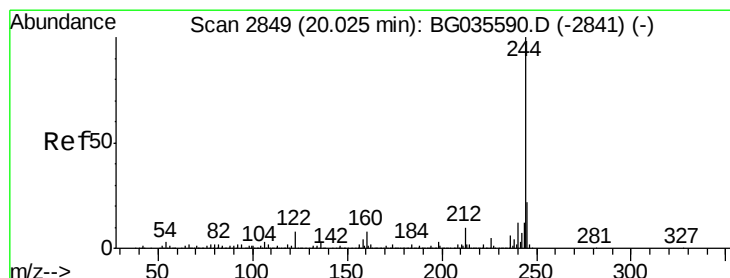
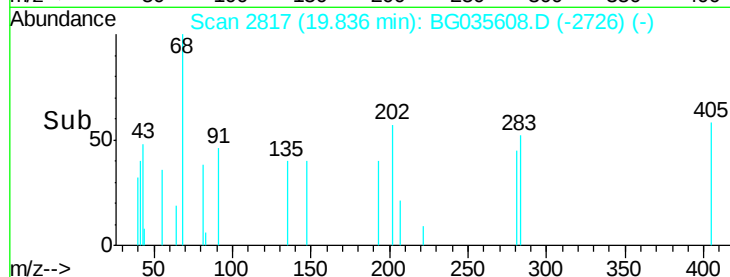
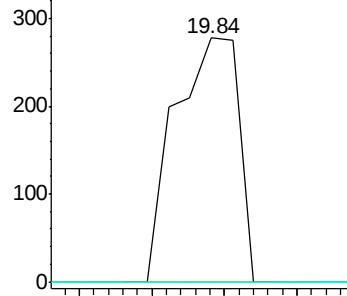
203 0.0 13.9 20.9#



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



#78

Terphenyl-d14

Concen: 100.010 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

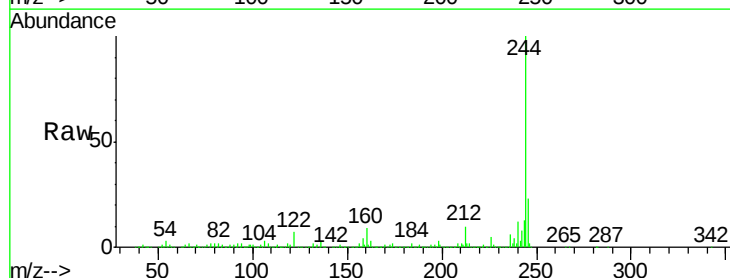
Tgt Ion: 244 Resp: 1592849

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

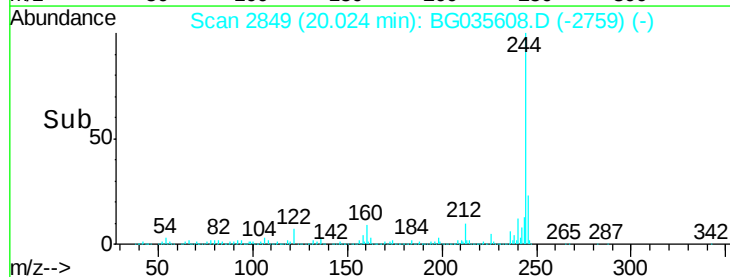
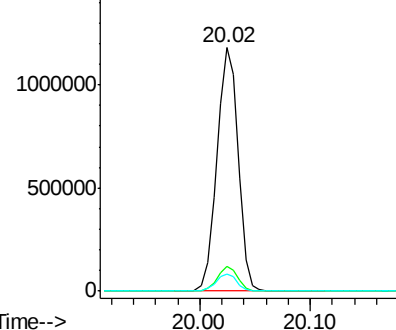
122 7.2 7.0 10.4

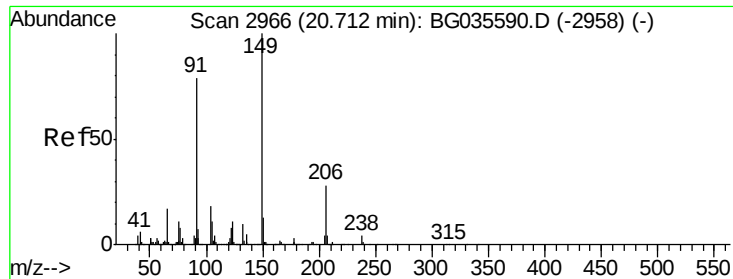


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.007 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

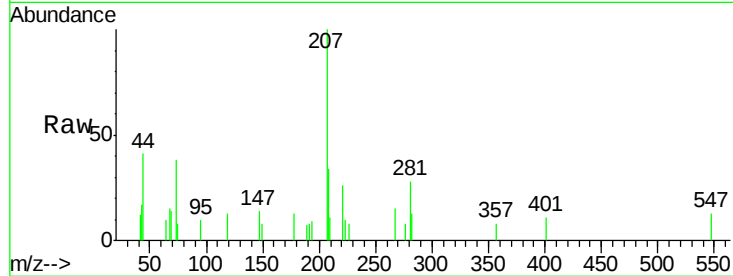
Instrument :

BNA\_G

ClientSampleId :

PAR-1

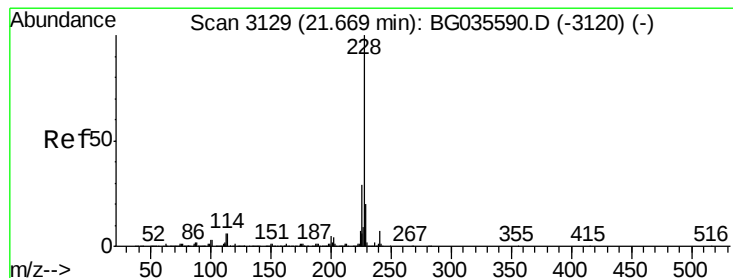
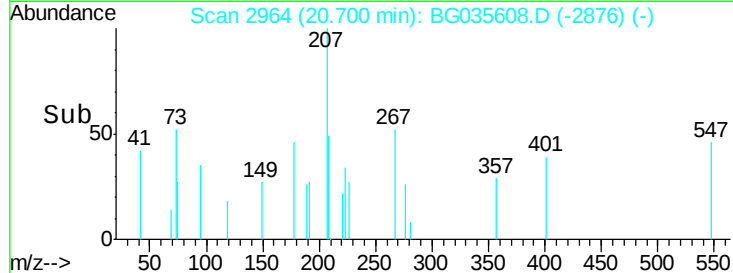
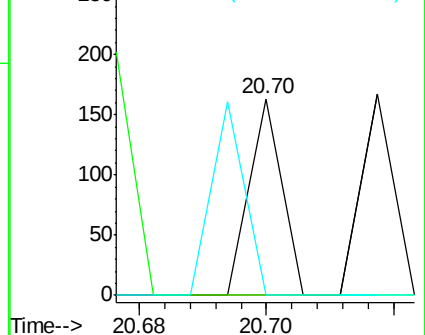
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 57    |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 0.0   | 62.2  | 93.2# |
| 206       | 0.0   | 18.6  | 27.8# |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.047 ng

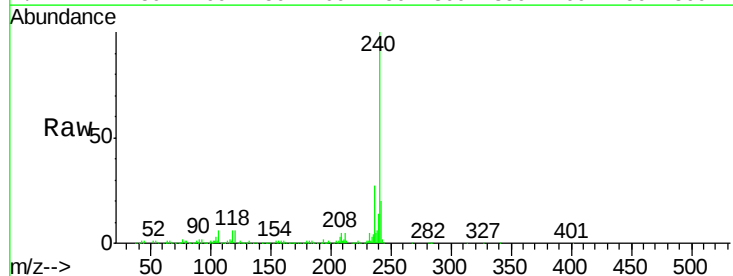
RT: 21.68 min Scan# 3131

Delta R.T. 0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

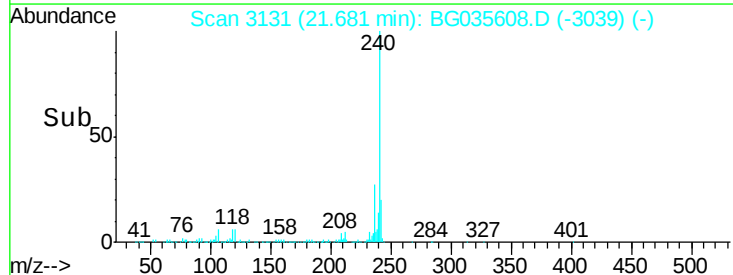
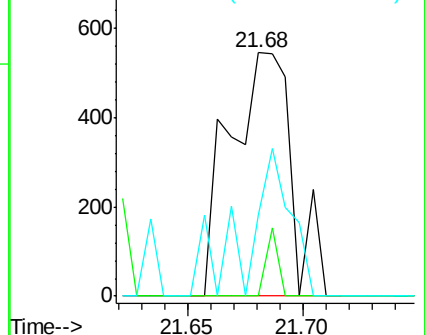
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 1027  |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 0.0   | 22.7  | 34.1# |
| 229       | 33.5  | 16.2  | 24.2# |

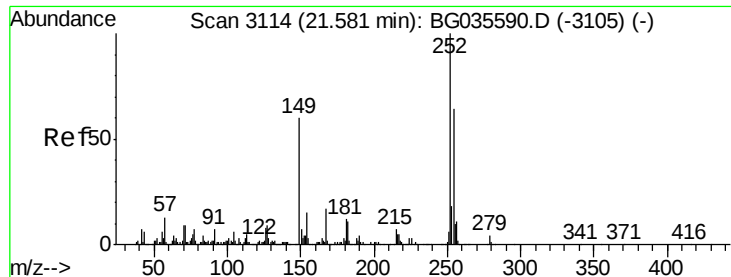


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

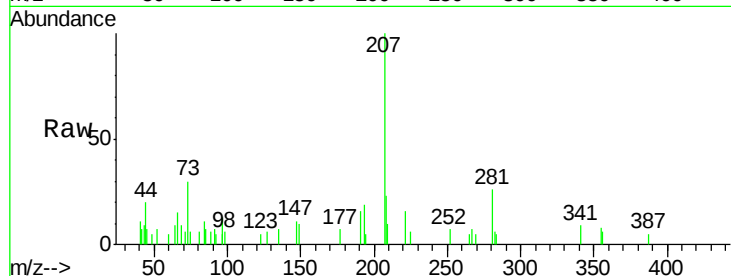




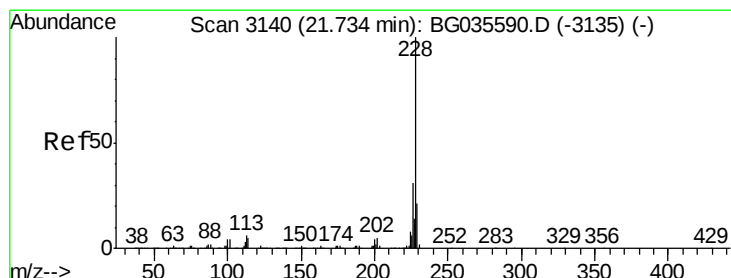
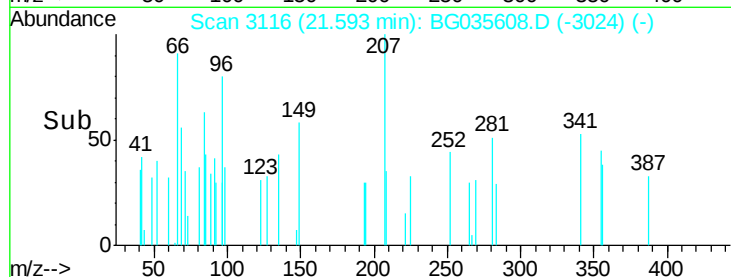
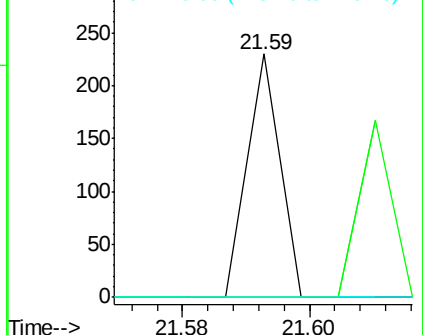
#81  
 3,3'-Dichlorobenzidine  
 Concen: 0.011 ng  
 RT: 21.59 min Scan# 3116  
 Delta R.T. 0.01 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

Tgt Ion: 252 Resp: 81  
 Ion Ratio Lower Upper  
 252 100  
 254 0.0 50.8 76.2#  
 126 0.0 7.4 11.2#

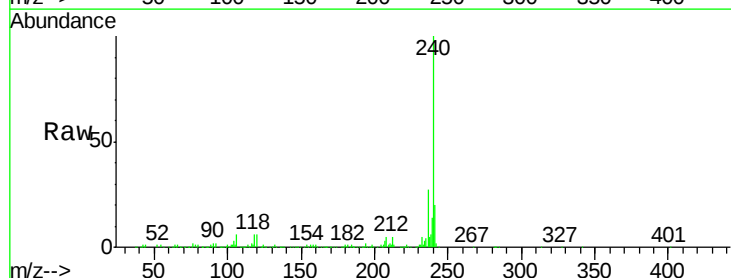


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

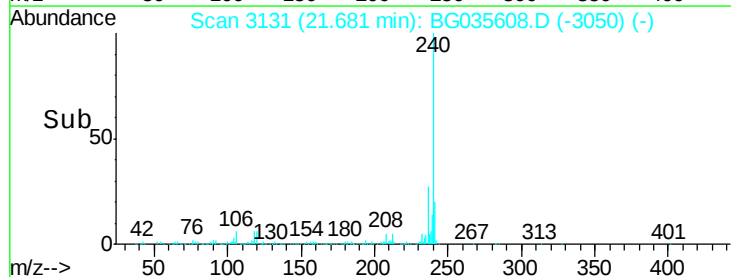
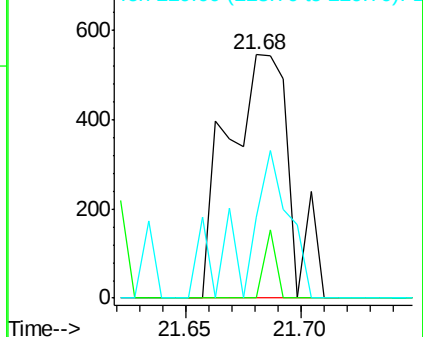


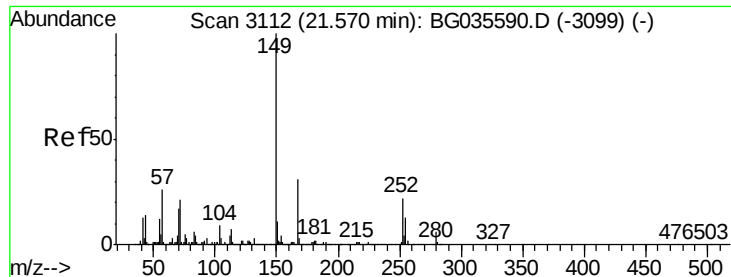
#82  
 Chrysene  
 Concen: 0.051 ng  
 RT: 21.68 min Scan# 3131  
 Delta R.T. -0.05 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

Tgt Ion: 228 Resp: 1027  
 Ion Ratio Lower Upper  
 228 100  
 226 0.0 24.9 37.3#  
 229 33.5 15.0 22.4#



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

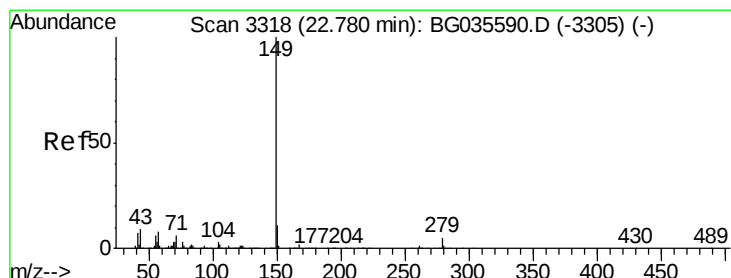
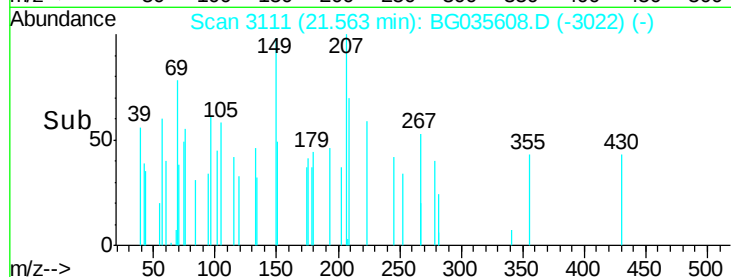
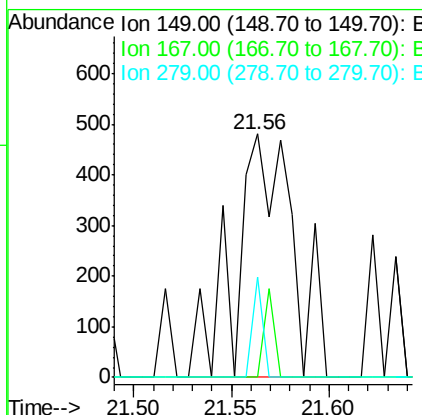
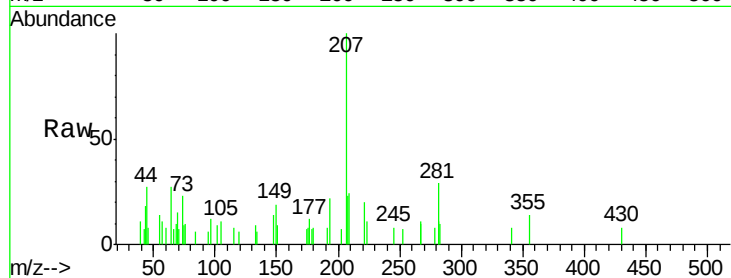




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.092 ng  
 RT: 21.56 min Scan# 3111  
 Delta R.T. -0.01 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

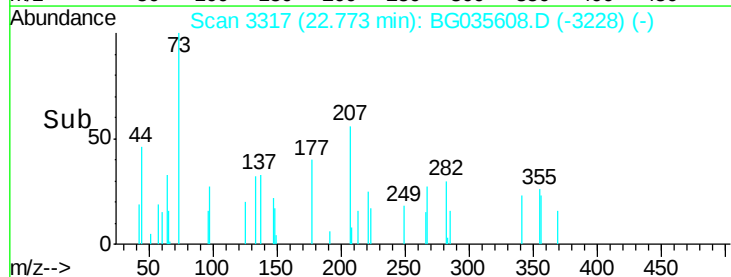
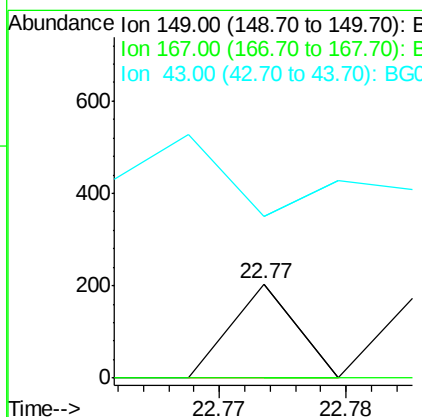
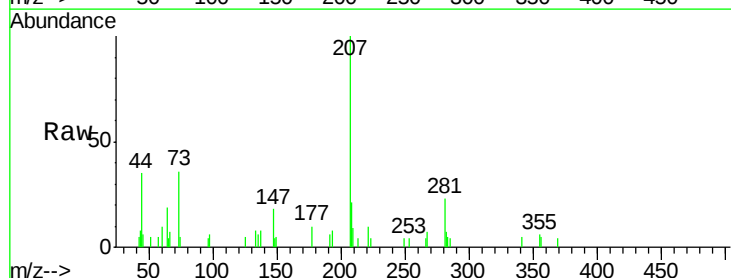
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PAR-1

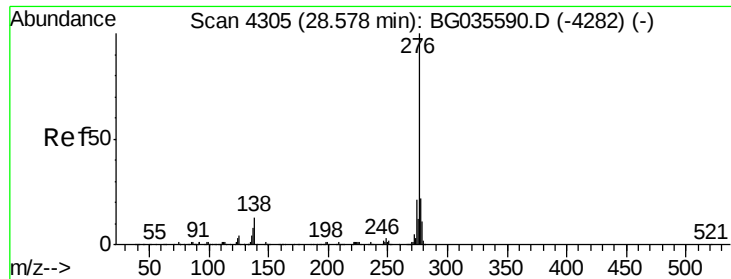
Tgt Ion:149 Resp: 989  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 24.3 36.5#  
 279 41.0 4.0 6.0#



#84  
 Di-n-octyl phthalate  
 Concen: 0.004 ng  
 RT: 22.77 min Scan# 3317  
 Delta R.T. -0.01 min  
 Lab File: BG035608.D  
 Acq: 12 Jul 2018 23:46

Tgt Ion:149 Resp: 72  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 1.4 2.0#  
 43 208.3 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.84 min Scan# 4350

Delta R.T. 0.26 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

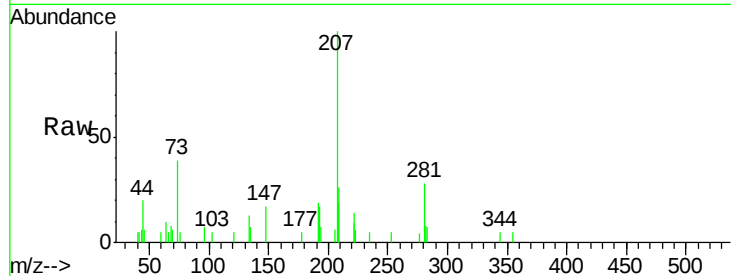
Tgt Ion:276 Resp: 55

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

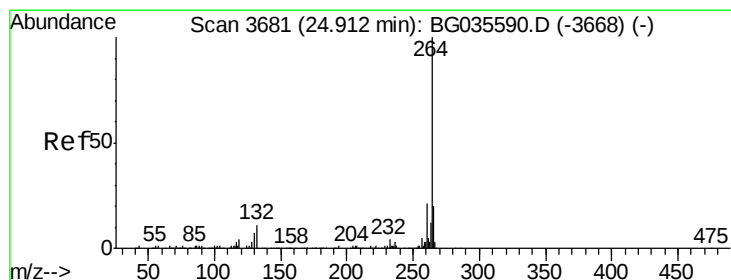
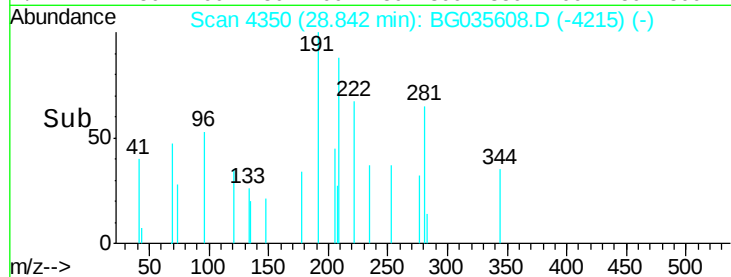
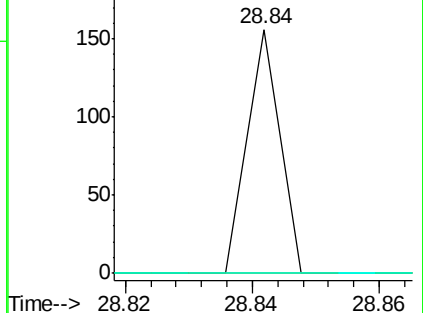
277 0.0 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

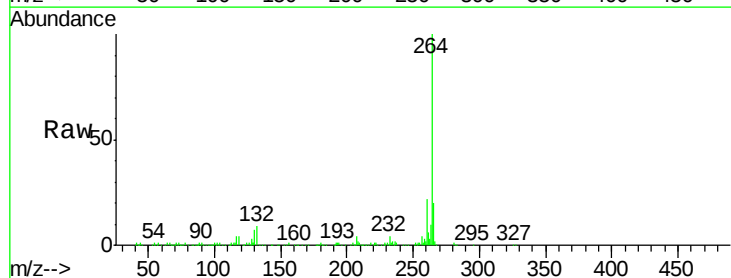
Tgt Ion:264 Resp: 337556

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

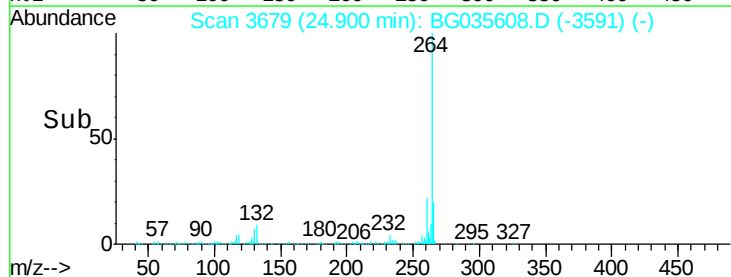
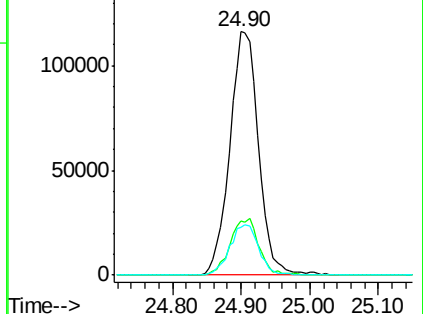
265 19.8 17.7 26.5

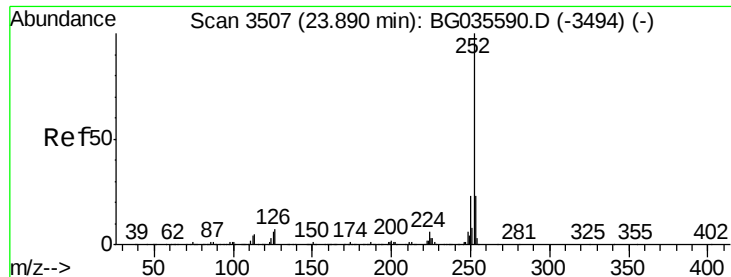


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 23.91 min Scan# 3510

Delta R.T. 0.02 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

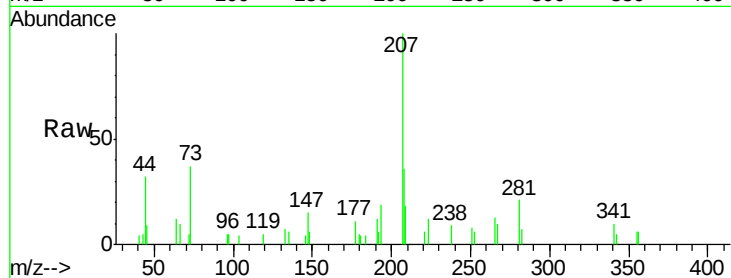
Tgt Ion:252 Resp: 77

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

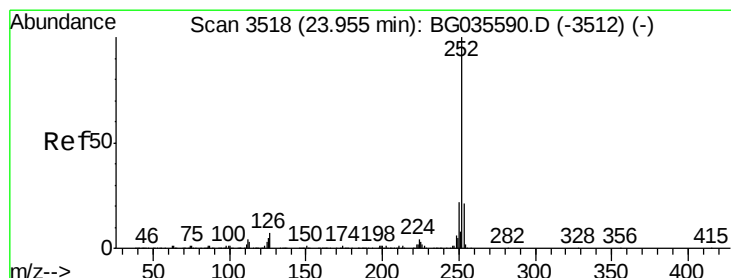
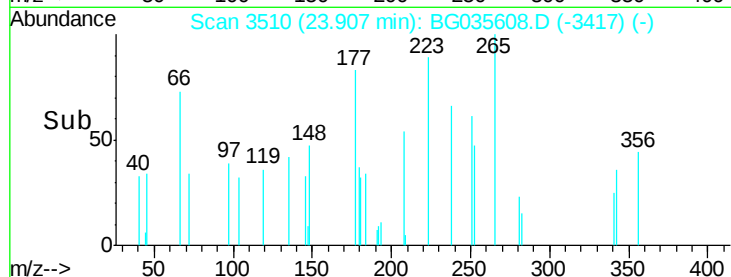
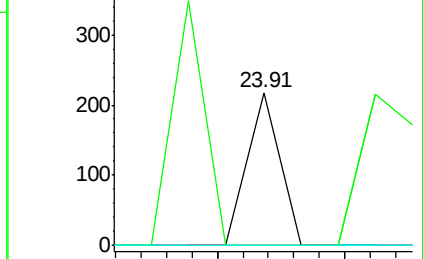
125 0.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

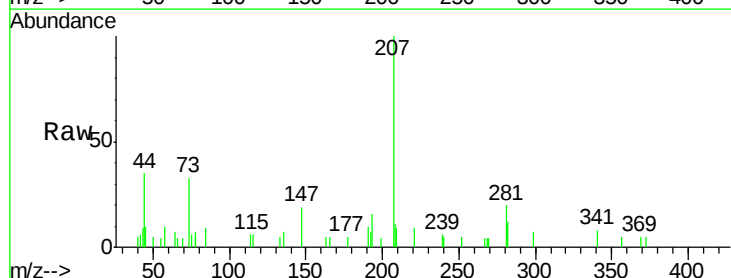
Tgt Ion:252 Resp: 69

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

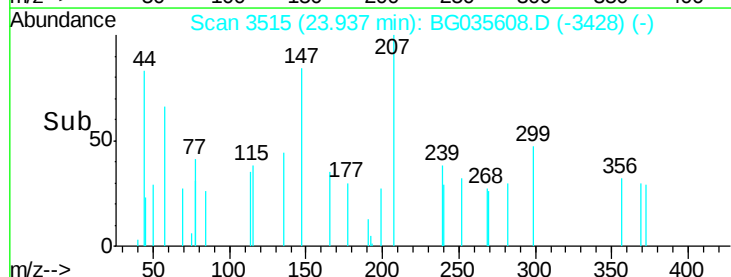
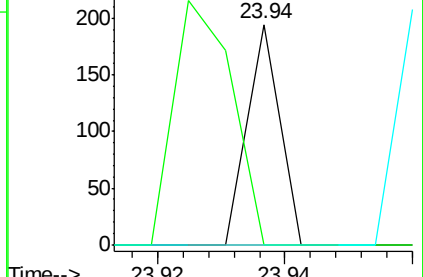
125 0.0 6.6 9.8#

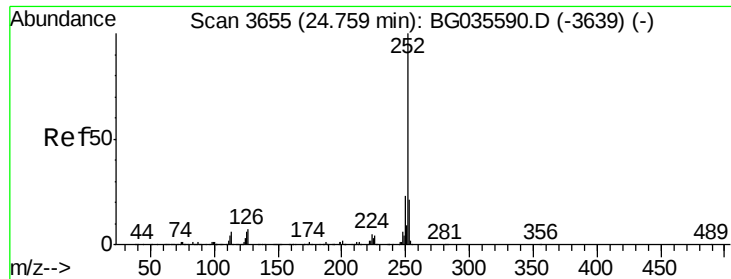


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.003 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

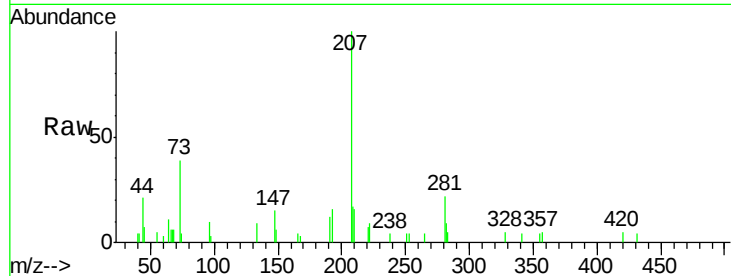
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

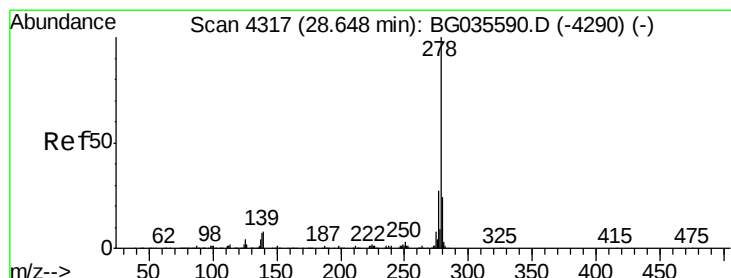
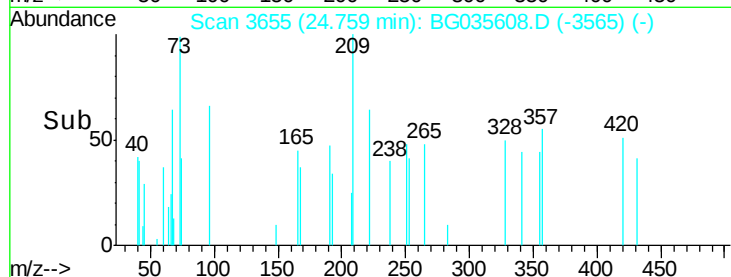
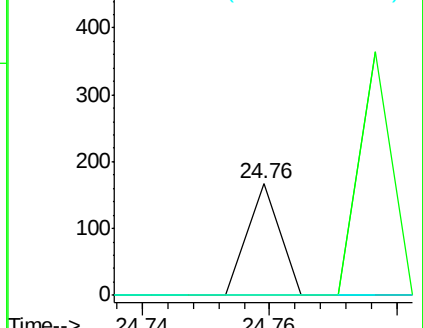
125 0.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.75 min Scan# 4335

Delta R.T. 0.11 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

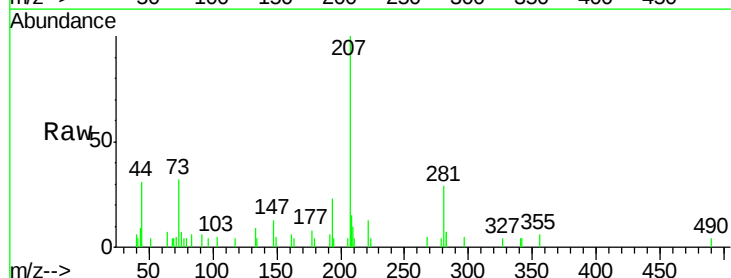
Tgt Ion:278 Resp: 59

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

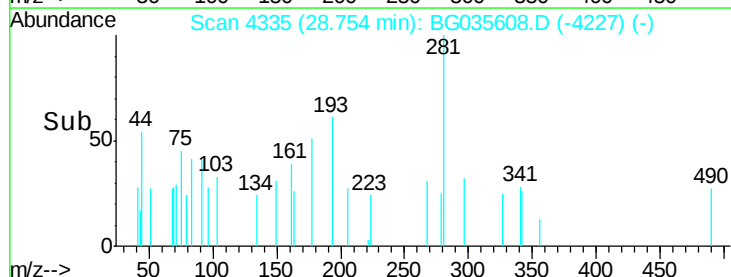
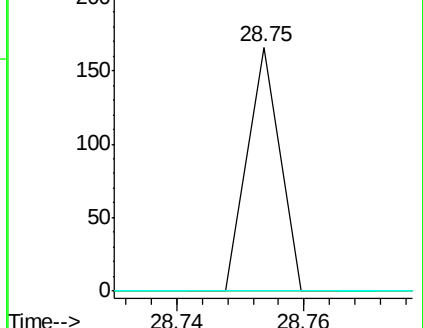
279 0.0 18.4 27.6#

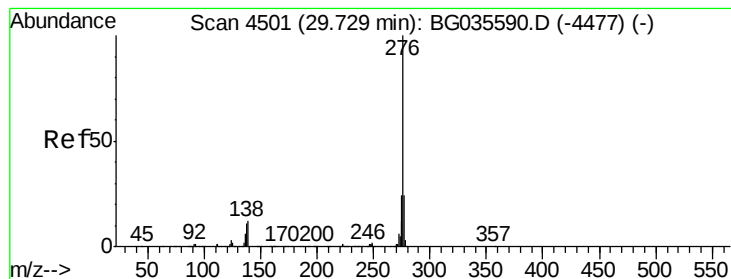


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 29.97 min Scan# 4542

Delta R.T. 0.24 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA\_G

ClientSampleId :

PAR-1

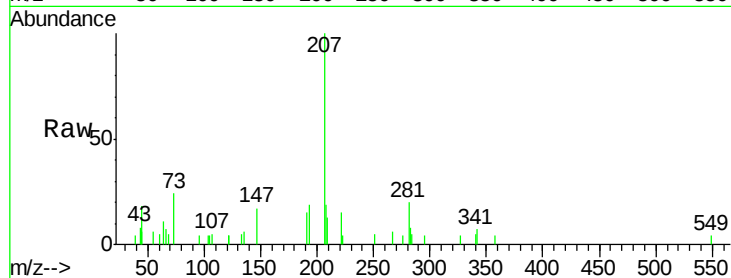
Tgt Ion: 276 Resp: 54

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

