

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG110719\  
 Data File : BG043539.D  
 Acq On : 7 Nov 2019 15:00  
 Operator : JU  
 Sample : PB124565BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

Quant Time: Nov 08 04:14:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 30445    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 124909   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.64 | 164  | 95137    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.39 | 188  | 222705   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 244357   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.85 | 264  | 207974   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 216165 | 130.11 | ng | 0.02 |
| 7) Phenol-d6             | 7.22  | 99  | 286711 | 119.94 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 9.17  | 82  | 146978 | 60.66  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.14 | 330 | 183689 | 101.46 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.27 | 172 | 395748 | 57.48  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.00 | 244 | 783231 | 60.13  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.46  | 88  | 24065  | 37.169 | ng | 96     |
| 3) Pyridine                    | 3.86  | 79  | 56952  | 34.871 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 34474  | 41.830 | ng | 89     |
| 6) Aniline                     | 7.34  | 93  | 77229  | 28.046 | ng | 99     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 82599  | 45.037 | ng | 98     |
| 9) Benzaldehyde                | 7.15  | 77  | 21483  | 18.287 | ng | 92     |
| 10) Phenol                     | 7.24  | 94  | 101127 | 46.296 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 65160  | 38.583 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 87095  | 37.902 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 90655  | 38.993 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 87532  | 38.560 | ng | 94     |
| 15) Benzyl Alcohol             | 8.26  | 79  | 74600  | 44.437 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 91414  | 37.226 | ng | 98     |
| 17) 2-Methylphenol             | 8.48  | 107 | 71440  | 44.863 | ng | 93     |
| 18) Hexachloroethane           | 9.09  | 117 | 32051  | 38.211 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 60939  | 39.452 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.48  | 107 | 71440  | 32.717 | ng | 78     |
| 22) Acetophenone               | 8.83  | 105 | 120951 | 37.811 | ng | # 90   |
| 24) Nitrobenzene               | 9.22  | 77  | 93625  | 40.565 | ng | # 98   |
| 25) Isophorone                 | 9.73  | 82  | 171706 | 38.763 | ng | 98     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 48566  | 43.585 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 79393  | 49.712 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 94149  | 38.510 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 90551  | 44.252 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 96173  | 37.290 | ng | 94     |
| 31) Naphthalene                | 10.86 | 128 | 256293 | 40.423 | ng | 99     |
| 32) Benzoic acid               | 10.19 | 122 | 47268  | 40.503 | ng | 97     |
| 33) 4-Chloroaniline            | 10.99 | 127 | 65249  | 25.106 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 69637  | 36.526 | ng | 94     |
| 35) Caprolactam                | 11.76 | 113 | 16496  | 23.407 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 94012  | 42.119 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.47 | 142 | 195343 | 40.154 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.69 | 142 | 188466 | 40.716 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 124905 | 35.475 | ng | 98     |

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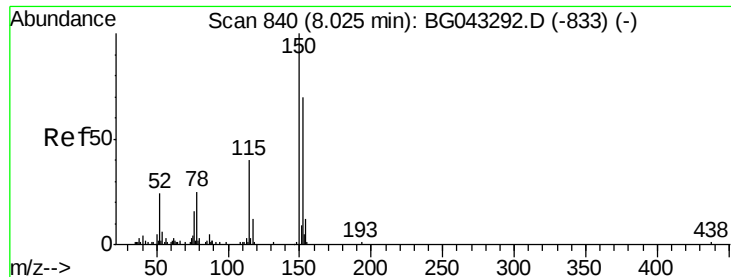
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

Quant Time: Nov 08 04:14:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 88944    | 48.090 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 81725    | 39.414 | ng    | 93       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 86822    | 41.418 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.47 | 154  | 259480   | 35.852 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.52 | 162  | 201485   | 36.588 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 61134    | 37.144 | ng    | 97       |
| 49) Acenaphthylene             | 14.36 | 152  | 329460   | 38.441 | ng    | 99       |
| 50) Dimethylphthalate          | 14.10 | 163  | 272396   | 36.965 | ng    | 97       |
| 51) 2,6-Dinitrotoluene         | 14.22 | 165  | 62264    | 38.893 | ng    | 97       |
| 52) Acenaphthene               | 14.70 | 154  | 196014   | 37.503 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 42956    | 27.792 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 66008    | 67.301 | ng    | 93       |
| 55) Dibenzofuran               | 15.04 | 168  | 322632   | 38.065 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 90422    | 87.298 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 86198    | 37.676 | ng    | 98       |
| 58) Fluorene                   | 15.69 | 166  | 269620   | 37.928 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 87168    | 39.138 | ng    | 99       |
| 60) Diethylphthalate           | 15.46 | 149  | 269303   | 36.371 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 152819   | 36.850 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 59373    | 37.195 | ng    | 97       |
| 63) Azobenzene                 | 15.97 | 77   | 224759   | 37.507 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 54906    | 41.893 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 238269   | 37.895 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.57 | 248  | 107866   | 35.990 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.70 | 284  | 121765   | 35.394 | ng    | 97       |
| 69) Atrazine                   | 16.84 | 200  | 98821    | 45.232 | ng    | 97       |
| 70) Pentachlorophenol          | 17.05 | 266  | 112734   | 71.914 | ng    | 97       |
| 71) Phenanthrene               | 17.43 | 178  | 429591   | 37.670 | ng    | 99       |
| 72) Anthracene                 | 17.52 | 178  | 442693   | 38.798 | ng    | 99       |
| 73) Carbazole                  | 17.80 | 167  | 404635   | 39.161 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 478504   | 38.167 | ng    | 98       |
| 75) Fluoranthene               | 19.44 | 202  | 578572   | 38.915 | ng    | 100      |
| 77) Benzidine                  | 19.63 | 184  | 98068    | 19.942 | ng    | 98       |
| 78) Pyrene                     | 19.80 | 202  | 592925   | 39.201 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 217248   | 37.911 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 592027   | 38.679 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 186142   | 31.442 | ng    | 100      |
| 83) Chrysene                   | 21.70 | 228  | 565282   | 37.170 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 308433   | 37.890 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 516900   | 37.429 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.50 | 276  | 710302   | 37.208 | ng    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.84 | 252  | 605741   | 51.426 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 601046   | 50.687 | ng    | 97       |
| 90) Benzo(a)pyrene             | 24.70 | 252  | 551723   | 49.050 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.56 | 278  | 609443   | 52.971 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.64 | 276  | 603741   | 53.199 | ng    | 99       |

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



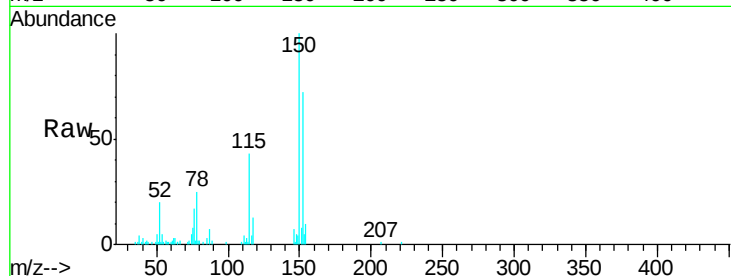


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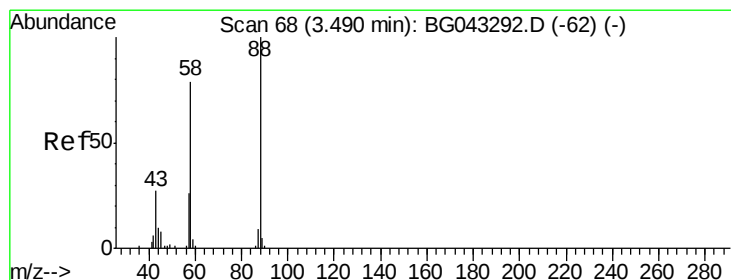
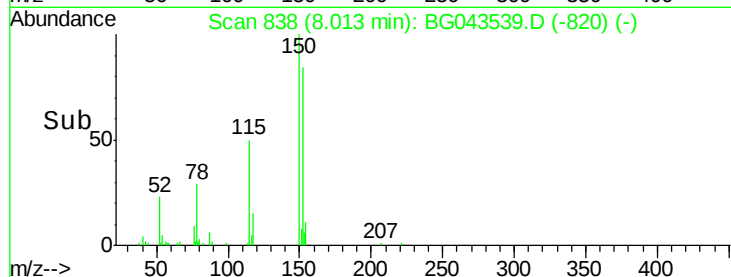
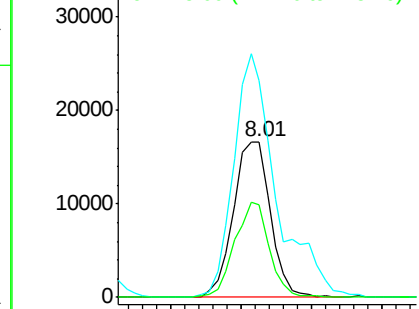
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 838  
Delta R.T. 0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Instrument :  
BNA\_G  
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PB124565BS

Tgt Ion:152 Resp: 30445  
Ion Ratio Lower Upper  
152 100  
150 139.1 129.4 194.0  
115 59.5 48.8 73.2



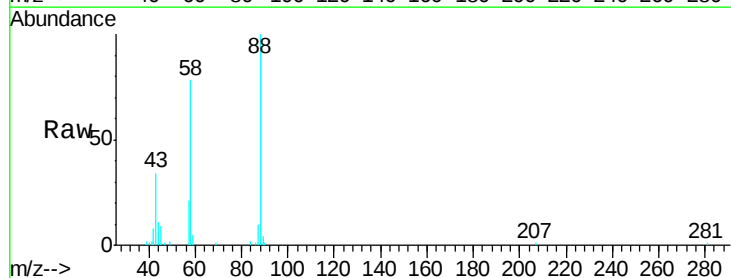
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Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



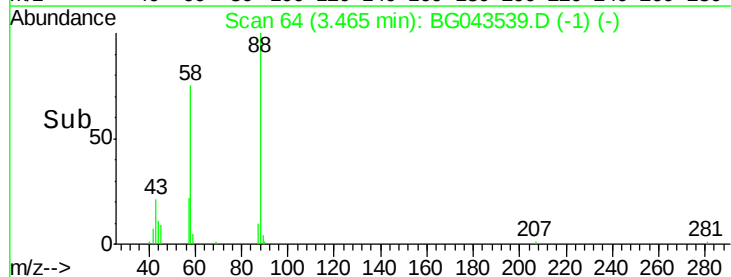
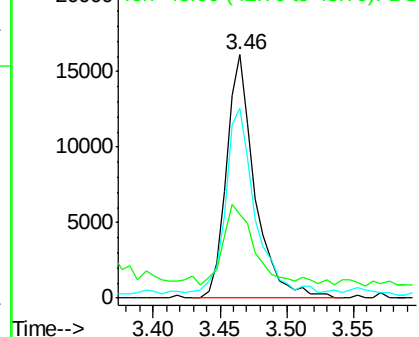
#2

1,4-Dioxane  
Concen: 37.169 ng  
RT: 3.46 min Scan# 64  
Delta R.T. -0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Tgt Ion: 88 Resp: 24065  
Ion Ratio Lower Upper  
88 100  
58 79.3 62.7 94.1  
43 35.3 23.7 35.5



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.871 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

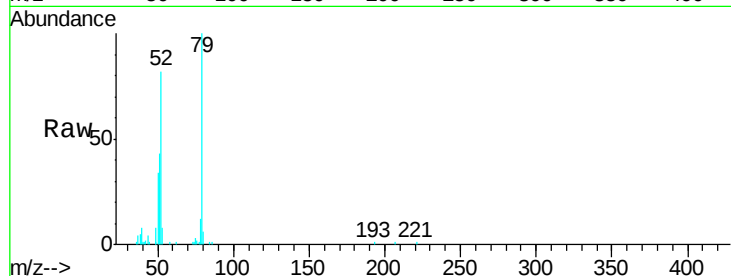
Tgt Ion: 79 Resp: 56952

Ion Ratio Lower Upper

79 100

52 82.2 56.5 84.7

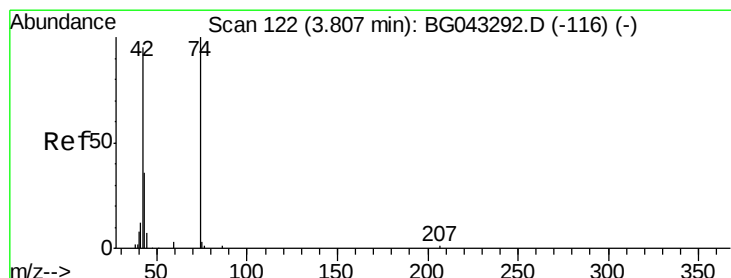
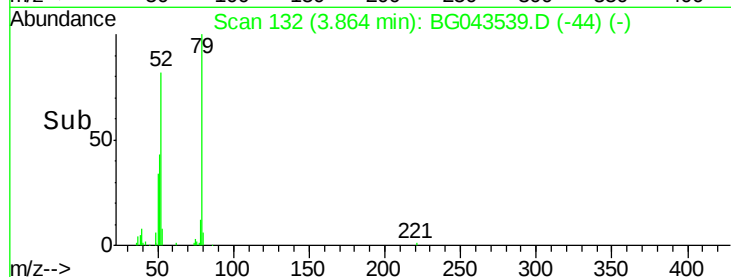
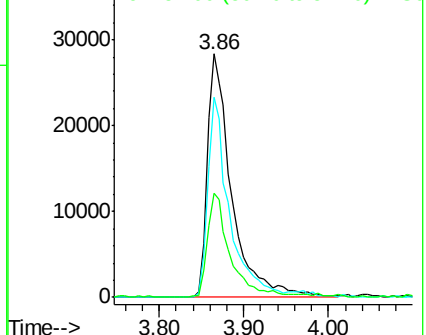
51 43.0 33.2 49.8



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: 41.830 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

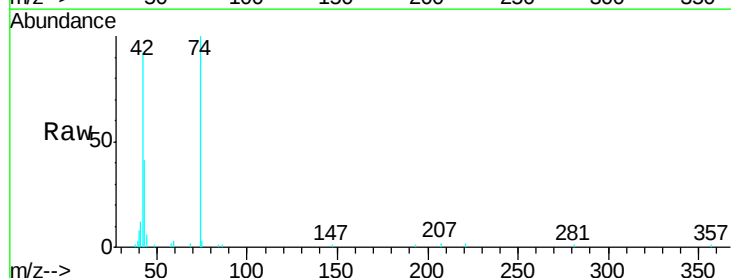
Tgt Ion: 42 Resp: 34474

Ion Ratio Lower Upper

42 100

74 109.0 97.3 145.9

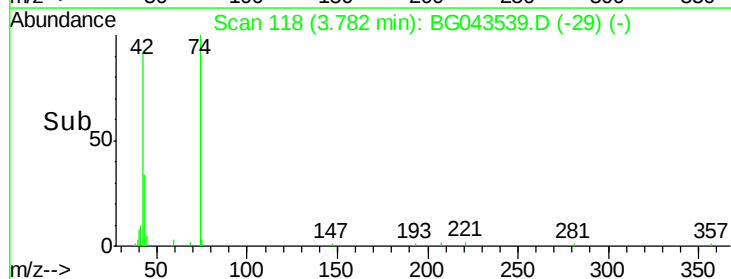
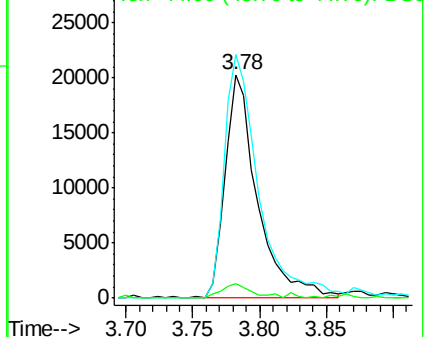
44 6.5 4.4 6.6

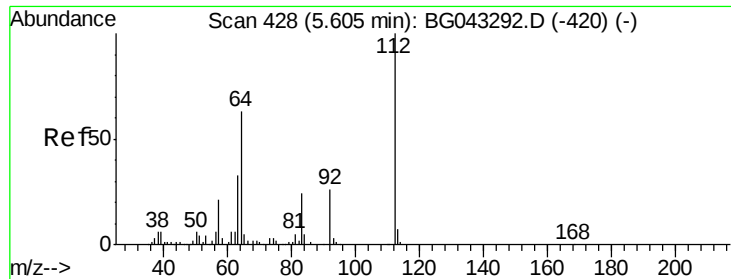


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 130.107 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.02 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

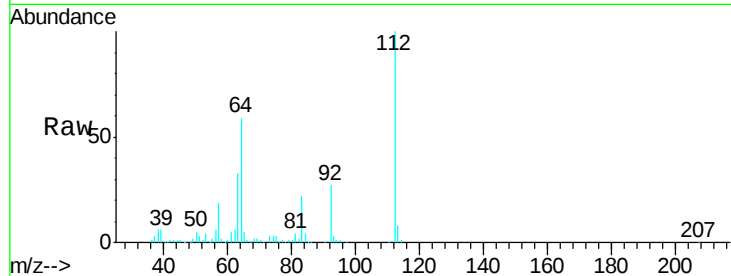
Tgt Ion: 112 Resp: 216165

Ion Ratio Lower Upper

112 100

64 59.1 50.0 75.0

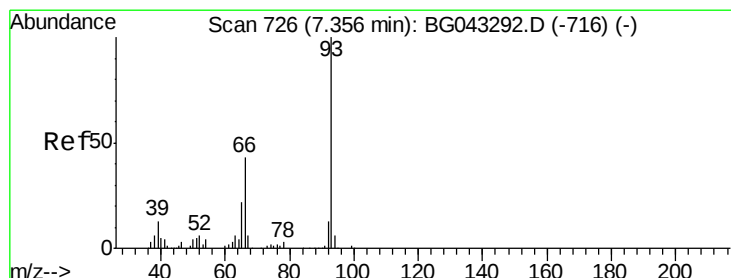
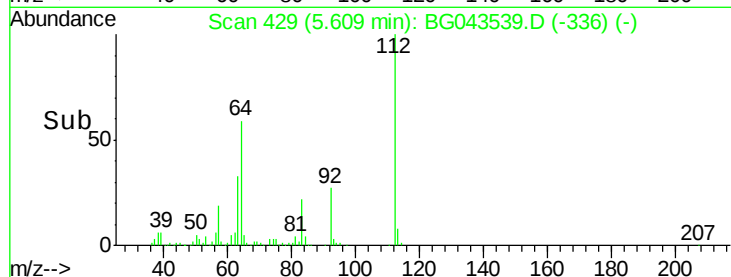
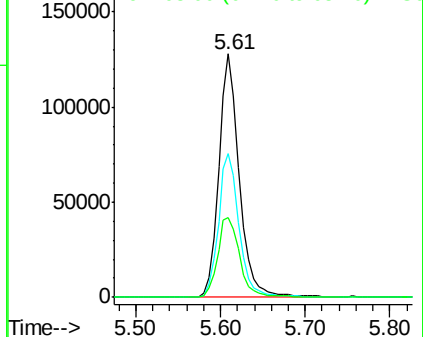
63 32.8 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.046 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

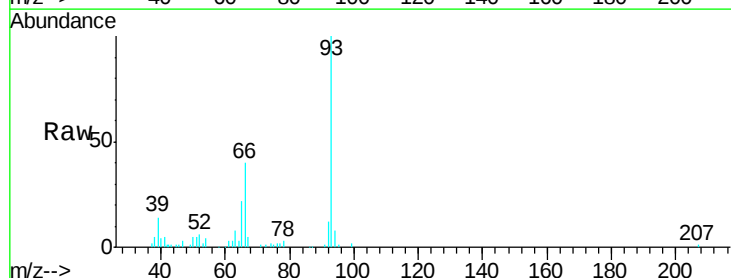
Tgt Ion: 93 Resp: 77229

Ion Ratio Lower Upper

93 100

66 40.4 32.3 48.5

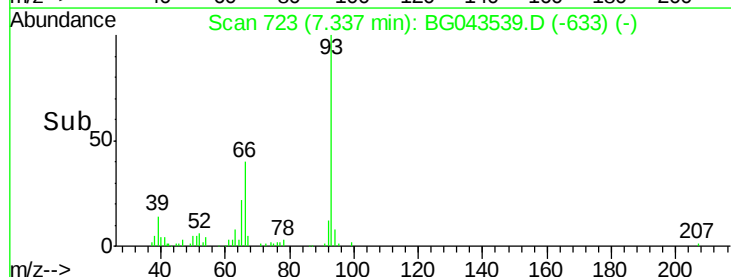
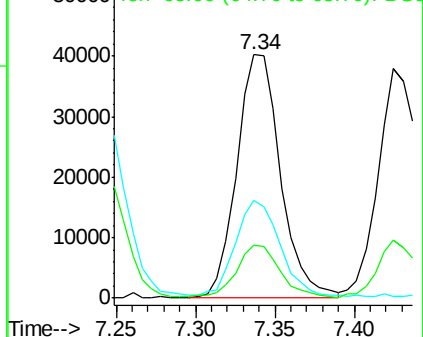
65 21.8 16.1 24.1

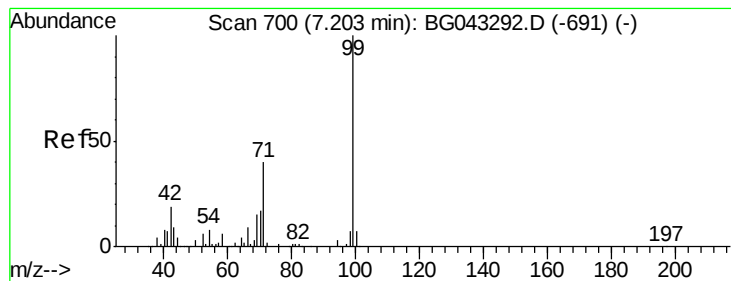


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.942 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

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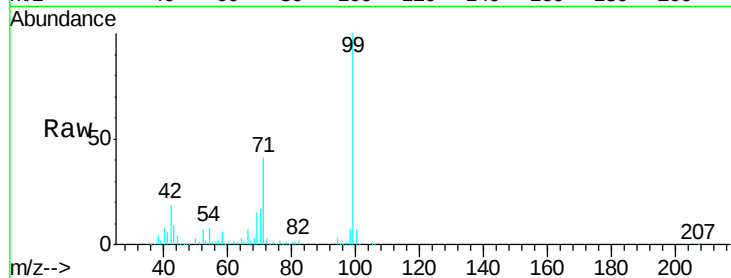
Tgt Ion: 99 Resp: 286711

Ion Ratio Lower Upper

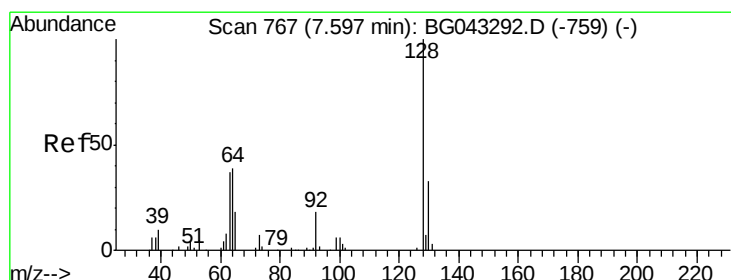
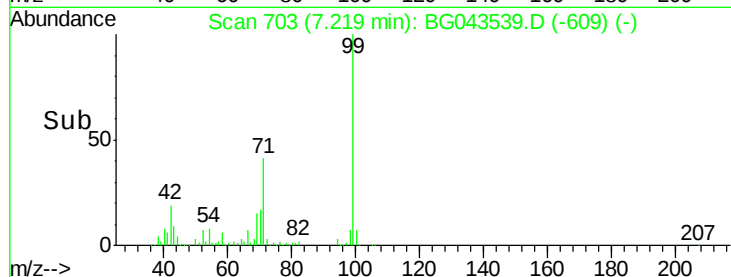
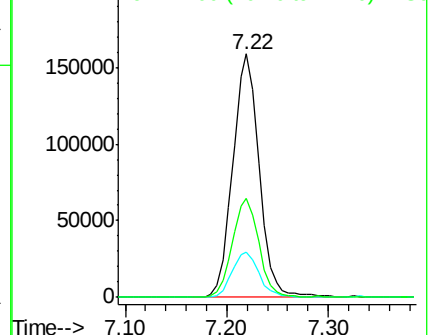
99 100

42 18.8 14.6 21.8

71 40.5 32.5 48.7



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



#8

2-Chlorophenol

Concen: 45.037 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

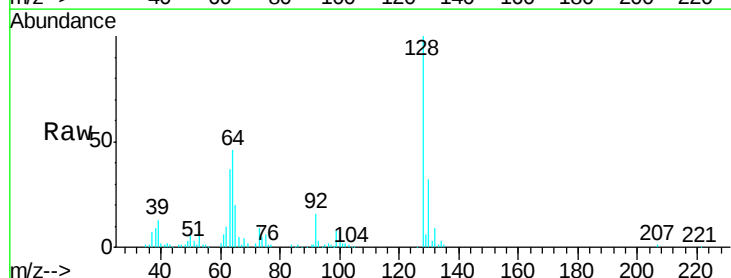
Tgt Ion: 128 Resp: 82599

Ion Ratio Lower Upper

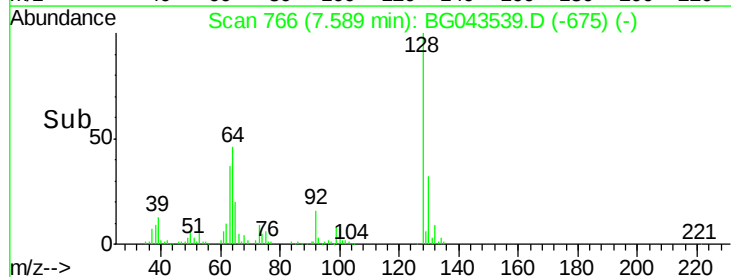
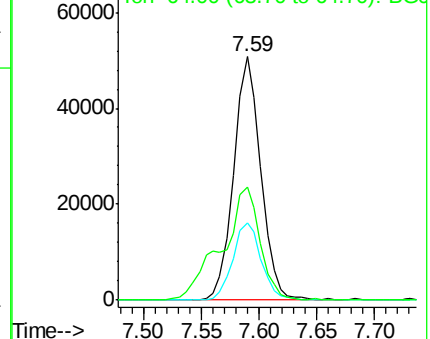
128 100

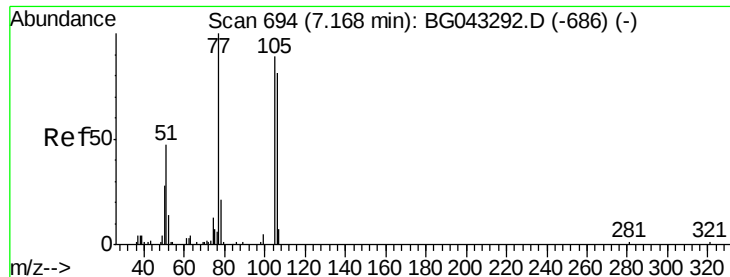
130 31.7 12.5 52.5

64 46.4 25.3 65.3



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





#9

Benzaldehyde

Concen: 18.287 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

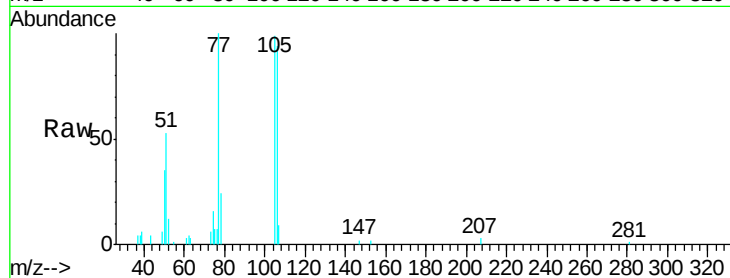
Tgt Ion: 77 Resp: 21483

Ion Ratio Lower Upper

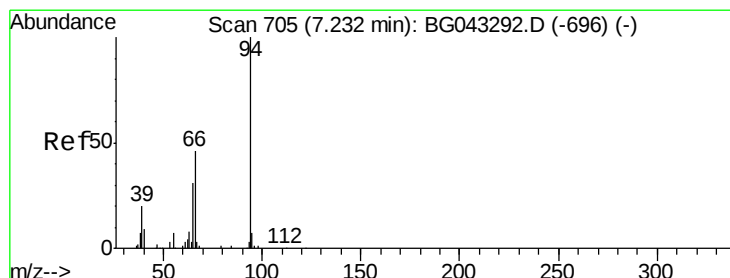
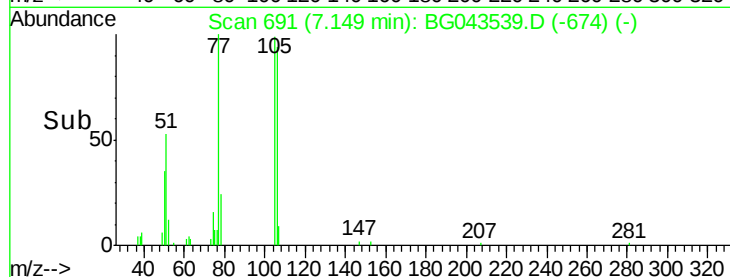
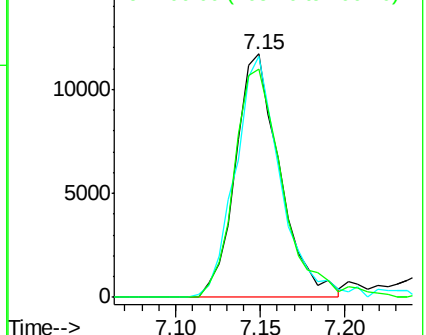
77 100

105 98.8 68.6 108.6

106 94.0 69.9 109.9



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



#10

Phenol

Concen: 46.296 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

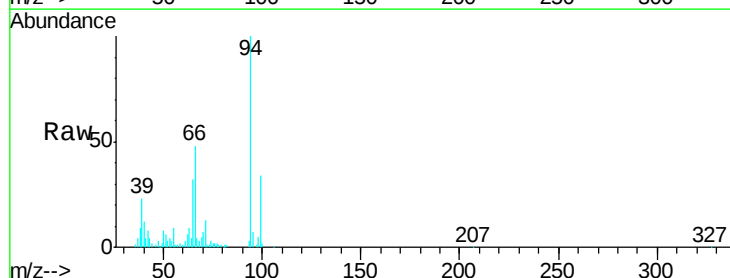
Tgt Ion: 94 Resp: 101127

Ion Ratio Lower Upper

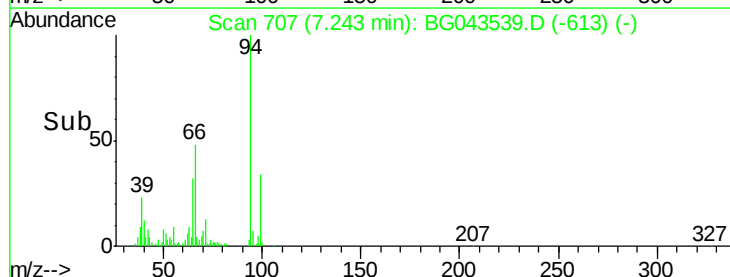
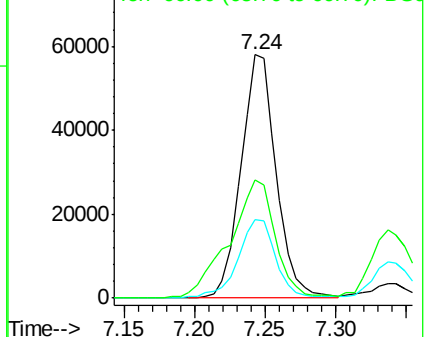
94 100

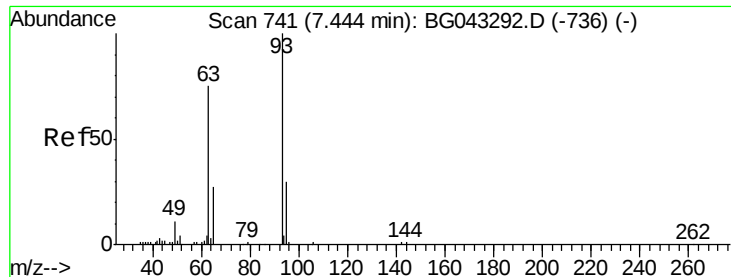
65 32.3 12.6 52.6

66 48.3 30.7 70.7



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

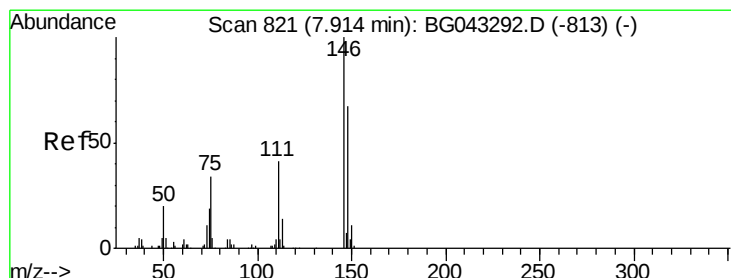
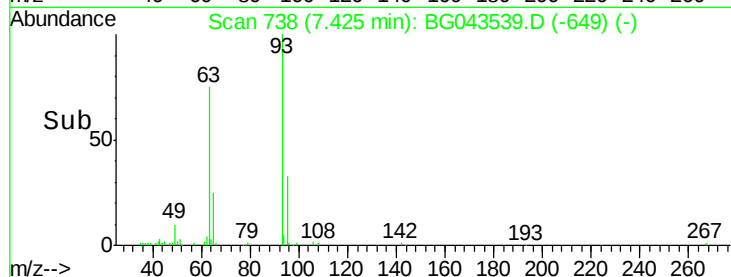
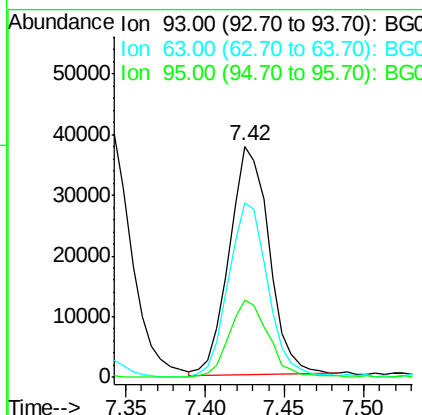
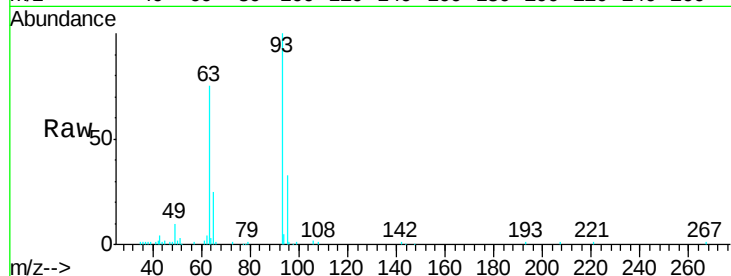




#11  
bis(2-Chloroethyl)ether  
Concen: 38.583 ng  
RT: 7.42 min Scan# 738  
Delta R.T. -0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

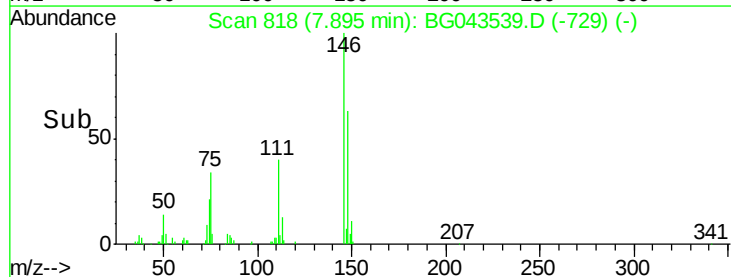
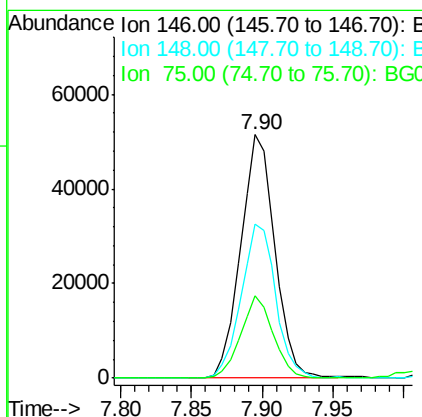
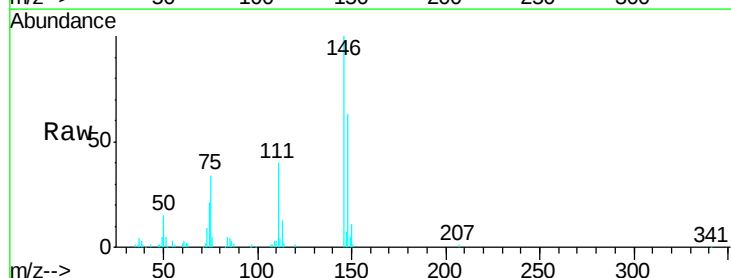
Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

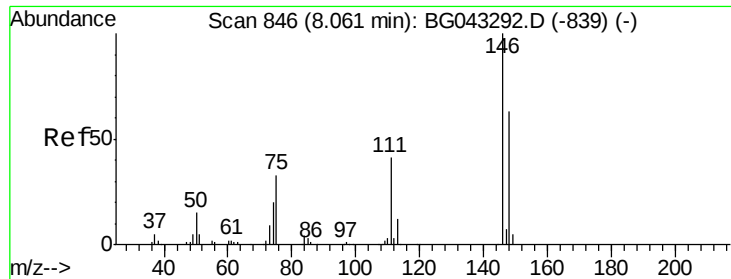
Tgt Ion: 93 Resp: 65160  
Ion Ratio Lower Upper  
93 100  
63 75.5 56.3 96.3  
95 33.5 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 37.902 ng  
RT: 7.90 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Tgt Ion: 146 Resp: 87095  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.3 75.5  
75 33.6 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 38.993 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

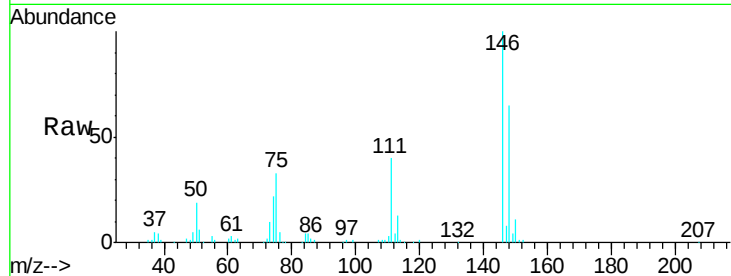
Tgt Ion:146 Resp: 90655

Ion Ratio Lower Upper

146 100

148 65.2 50.7 76.1

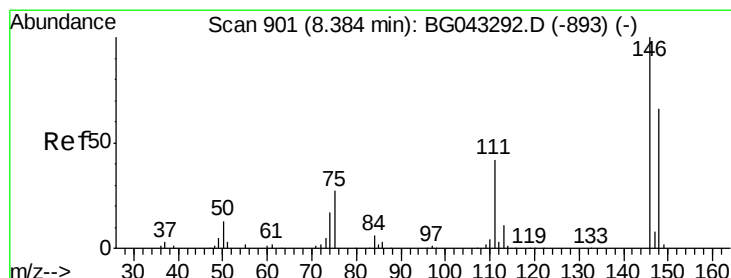
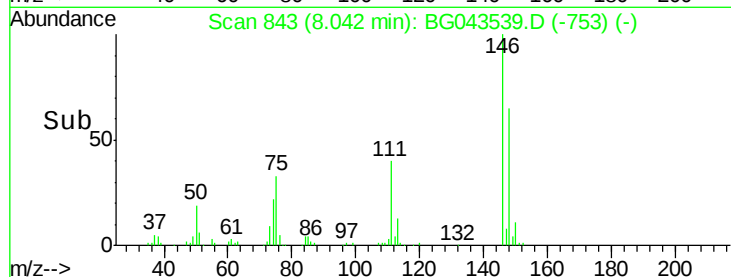
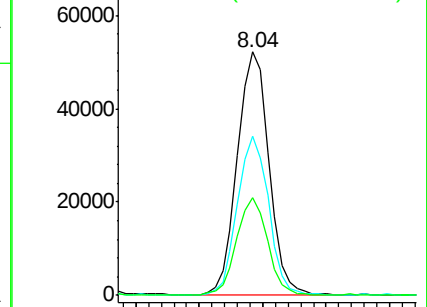
111 40.0 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.560 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

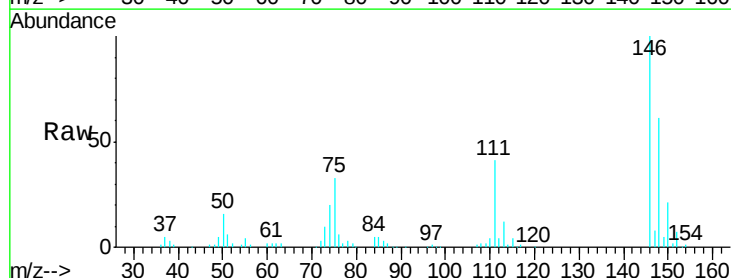
Tgt Ion:146 Resp: 87532

Ion Ratio Lower Upper

146 100

148 60.7 53.2 79.8

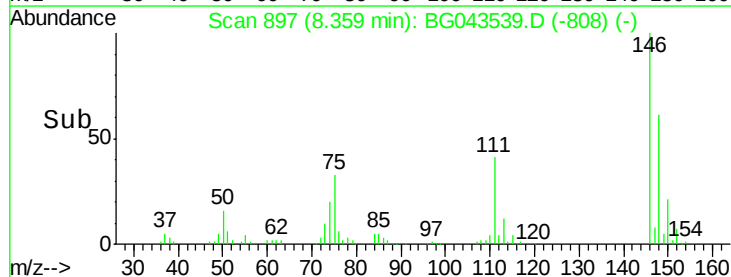
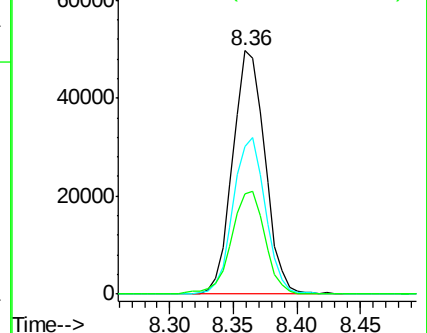
111 41.2 35.8 53.6

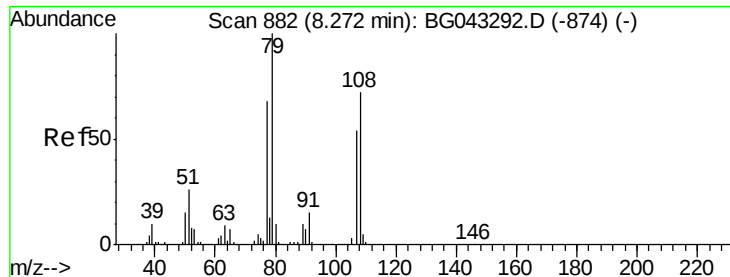


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.437 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

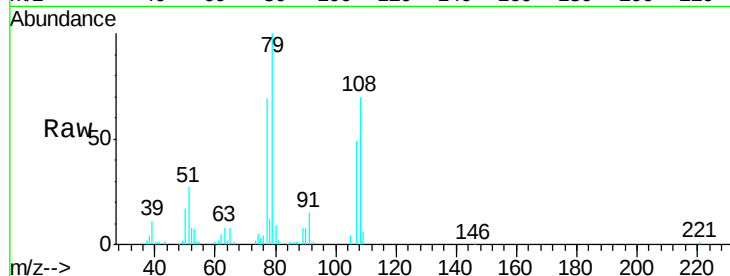
Tgt Ion: 79 Resp: 74600

Ion Ratio Lower Upper

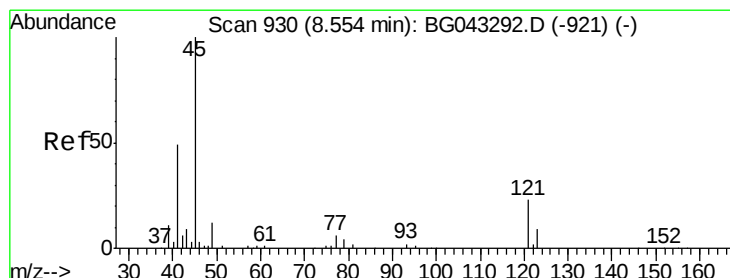
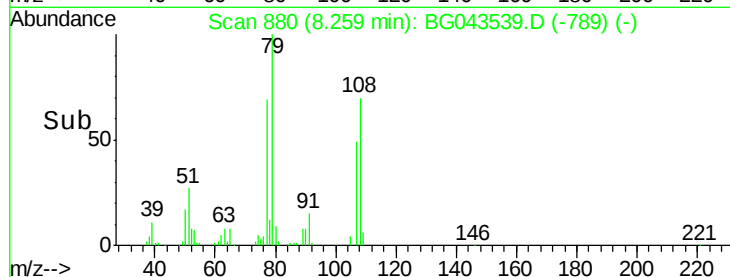
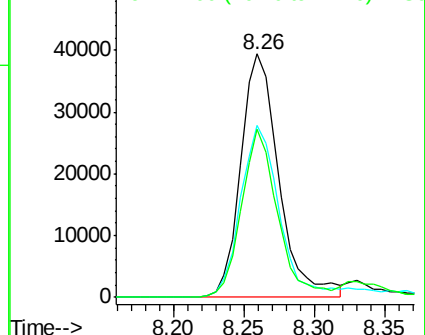
79 100

108 70.4 53.6 80.4

77 68.8 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.226 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

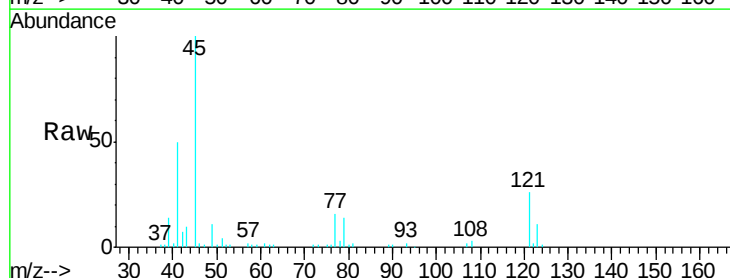
Tgt Ion: 45 Resp: 91414

Ion Ratio Lower Upper

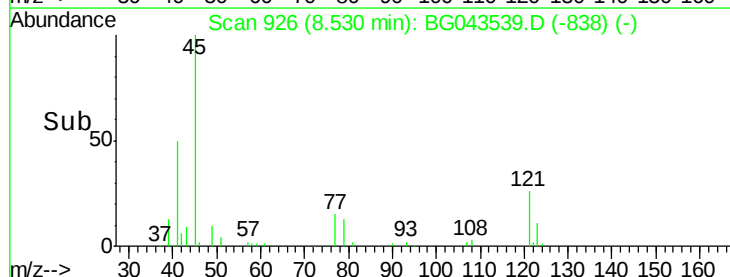
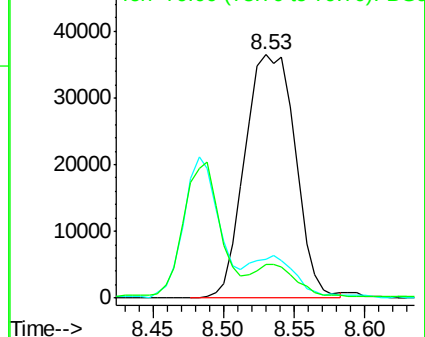
45 100

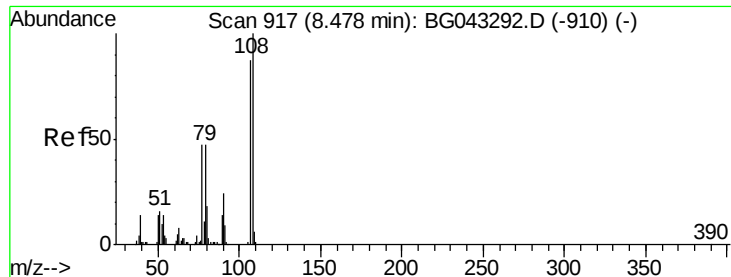
77 15.7 0.0 34.9

79 13.8 0.0 33.0



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





#17

2-Methylphenol

Concen: 44.863 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.02 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

Tgt Ion:107 Resp: 71440

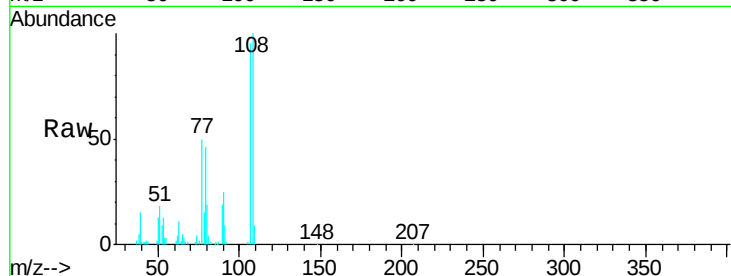
Ion Ratio Lower Upper

107 100

108 105.4 90.2 135.4

77 52.9 40.2 60.2

79 48.5 44.0 66.0

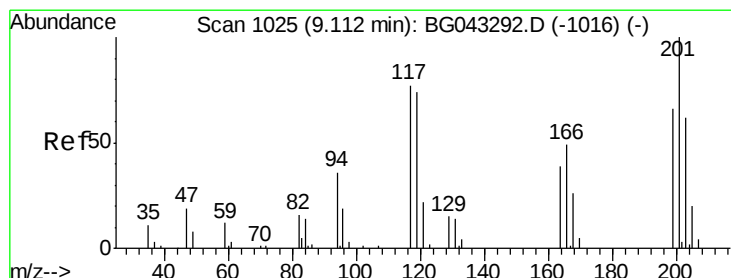
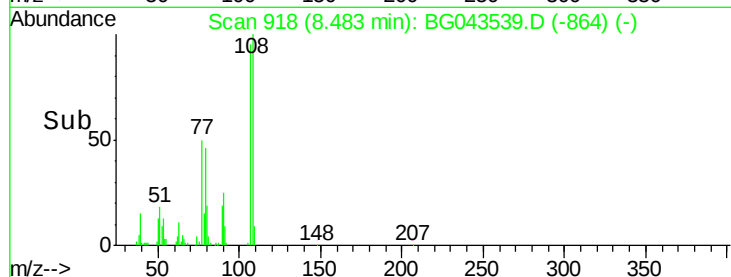
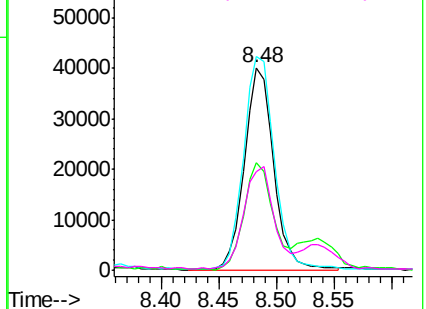


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.211 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

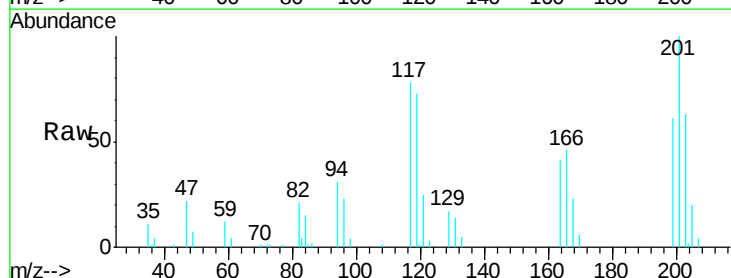
Tgt Ion:117 Resp: 32051

Ion Ratio Lower Upper

117 100

119 93.5 79.0 118.4

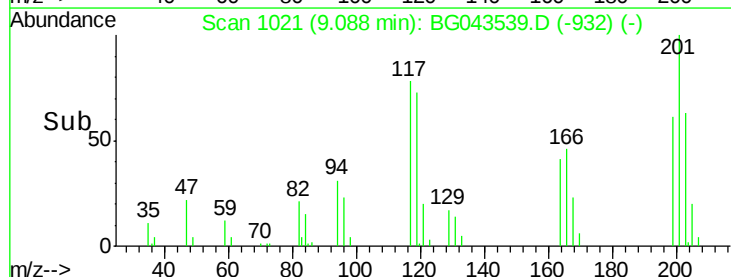
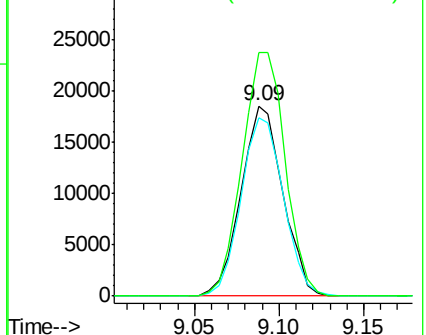
201 127.8 105.4 158.2

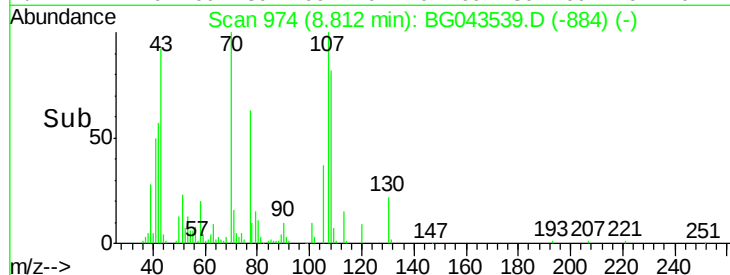
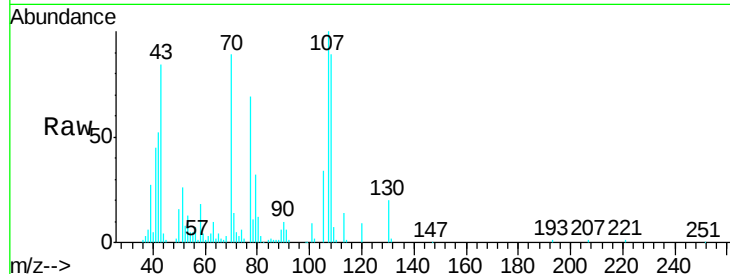
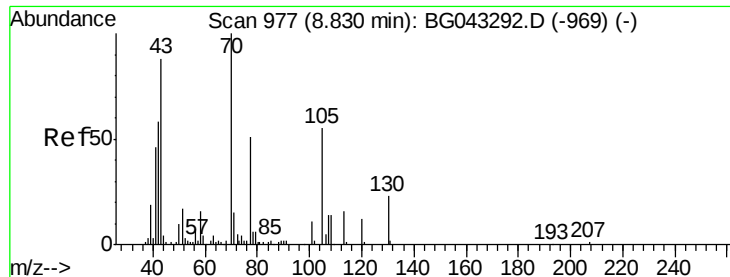


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

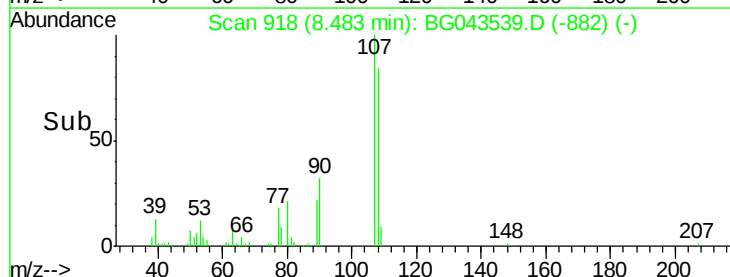
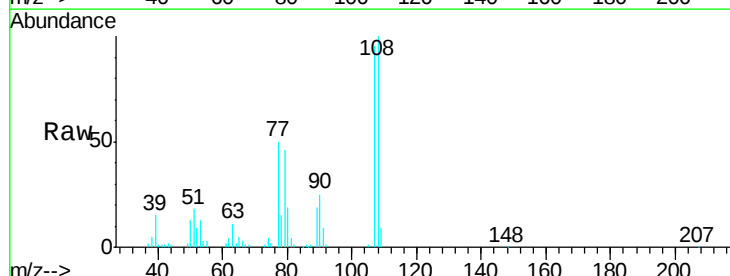
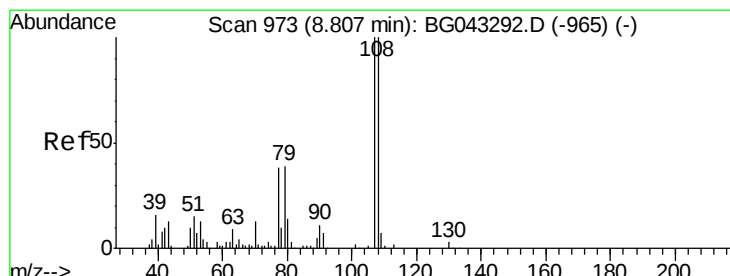
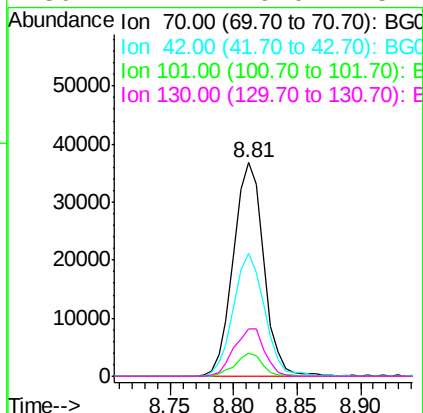




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.452 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

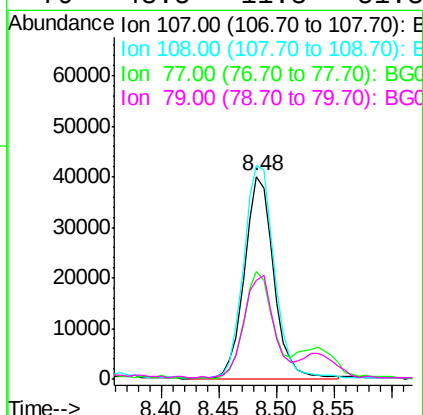
Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

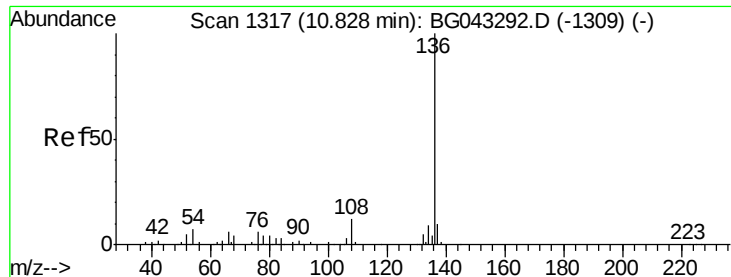
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 60939 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.6  | 41.4  | 62.2  |
| 101      | 10.5  | 7.9   | 11.9  |
| 130      | 22.2  | 19.0  | 28.4  |



#20  
3+4-Methylphenols  
Concen: 32.717 ng  
RT: 8.48 min Scan# 918  
Delta R.T. -0.32 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 71440 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.4 | 66.6  | 106.6 |
| 77       | 52.9  | 20.9  | 60.9  |
| 79       | 48.5  | 11.3  | 51.3  |

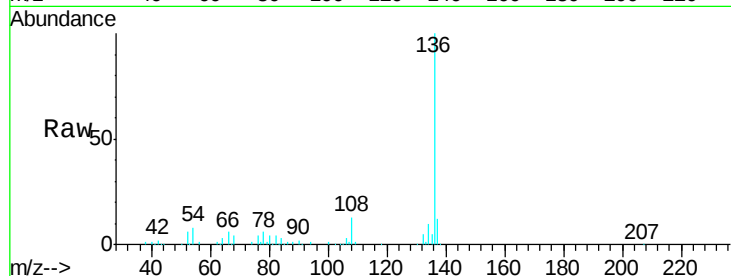




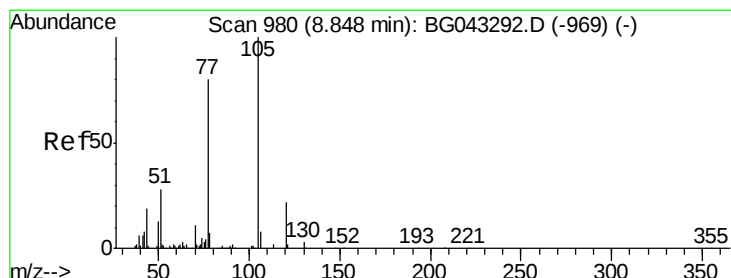
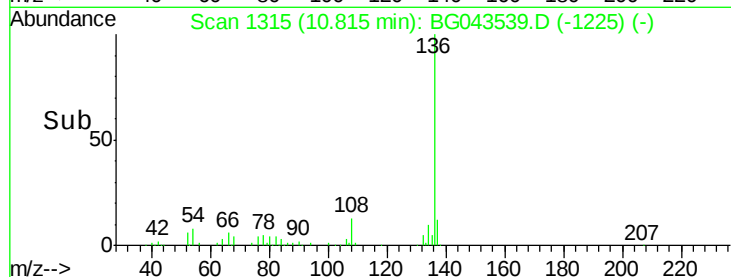
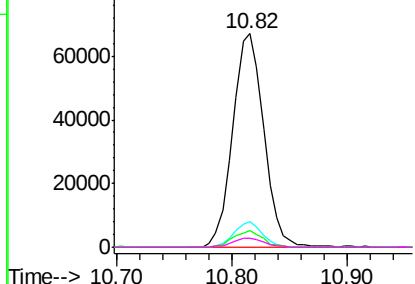
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 124909 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.9  | 8.7   | 13.1   |
| 54       | 7.5   | 5.4   | 8.2    |
| 68       | 4.2   | 3.0   | 4.4    |

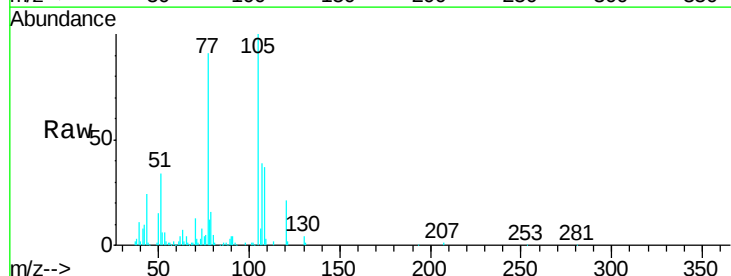


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

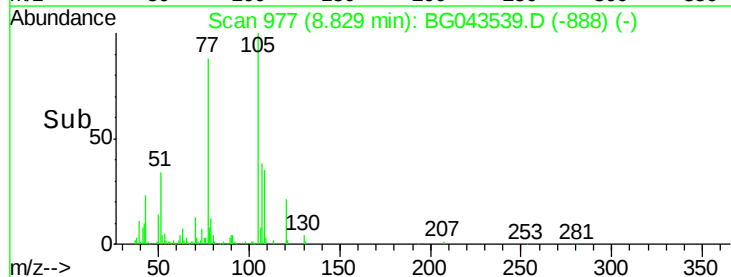
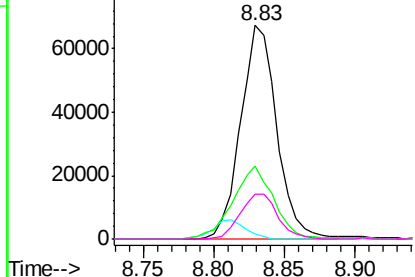


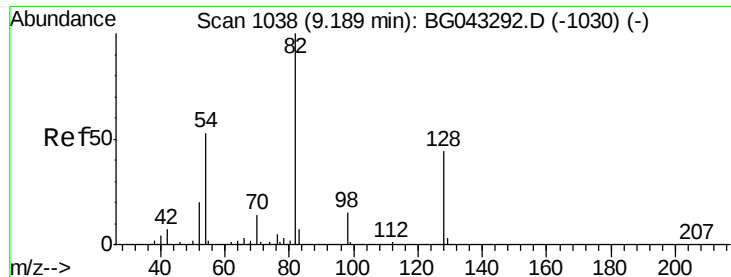
#22  
Acetophenone  
Concen: 37.811 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 120951 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.6   | 0.8   | 1.2#   |
| 51       | 34.3  | 21.0  | 31.4#  |
| 120      | 21.3  | 18.0  | 27.0   |



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

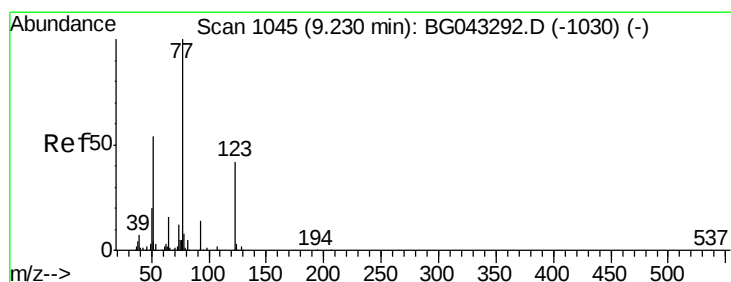
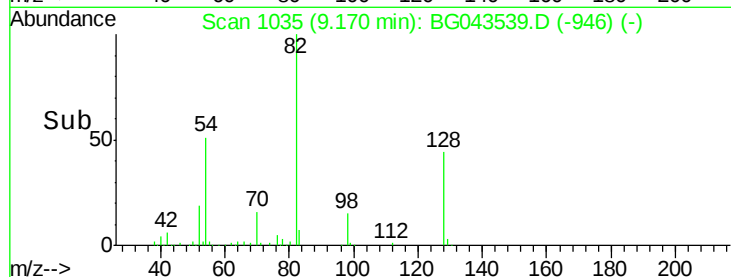
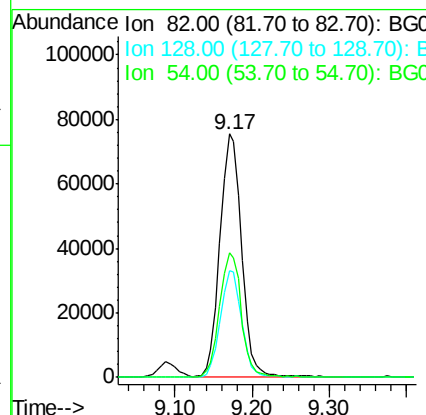
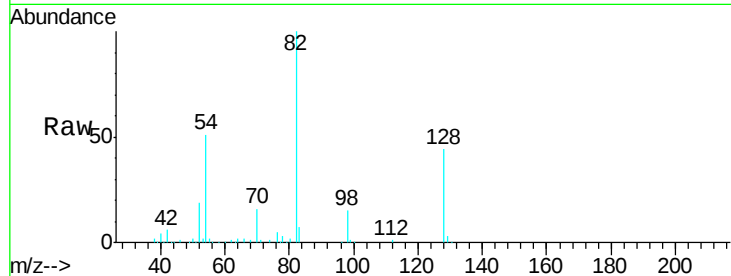




#23  
 Nitrobenzene-d5  
 Concen: 60.663 ng  
 RT: 9.17 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

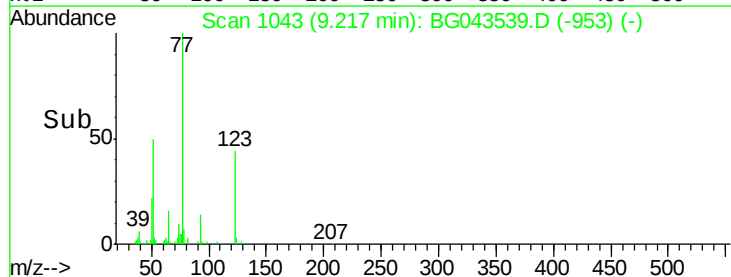
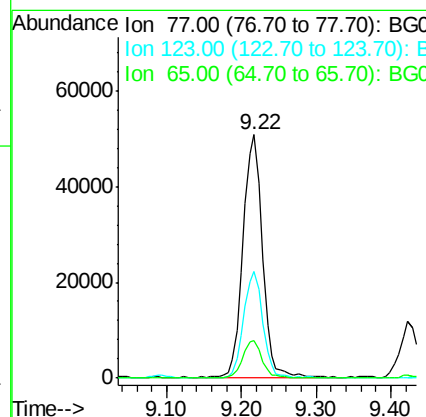
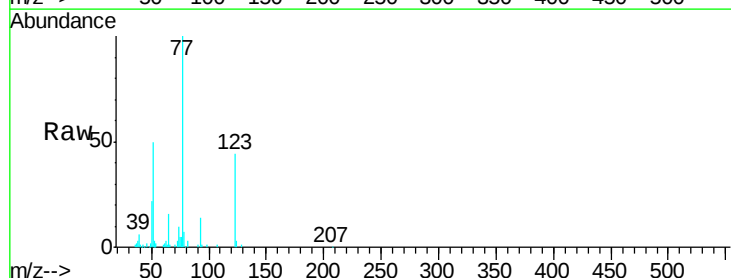
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

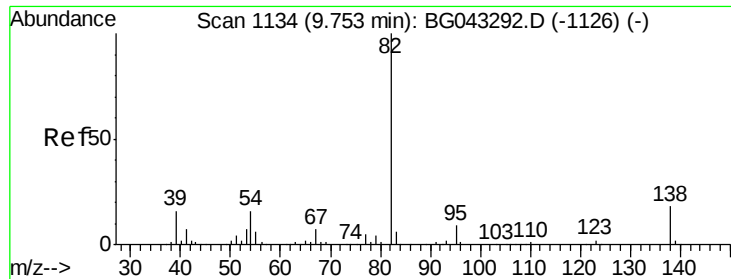
Tgt Ion: 82 Resp: 146978  
 Ion Ratio Lower Upper  
 82 100  
 128 43.9 35.0 52.6  
 54 51.3 40.2 60.2



#24  
 Nitrobenzene  
 Concen: 40.565 ng  
 RT: 9.22 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion: 77 Resp: 93625  
 Ion Ratio Lower Upper  
 77 100  
 123 43.7 35.0 52.6  
 65 15.6 9.5 14.3#





#25

Isophorone

Concen: 38.763 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

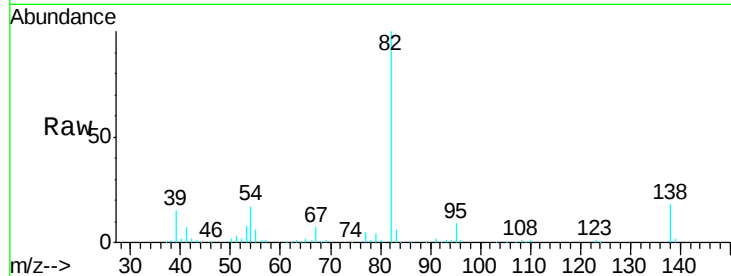
Tgt Ion: 82 Resp: 171706

Ion Ratio Lower Upper

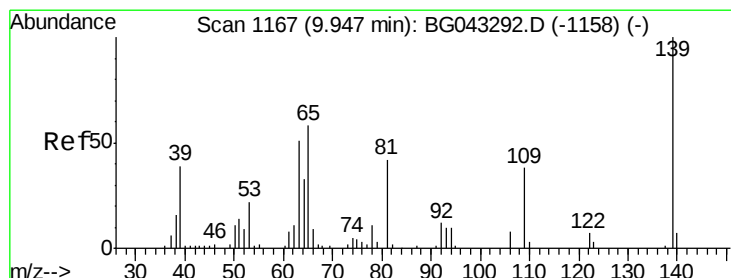
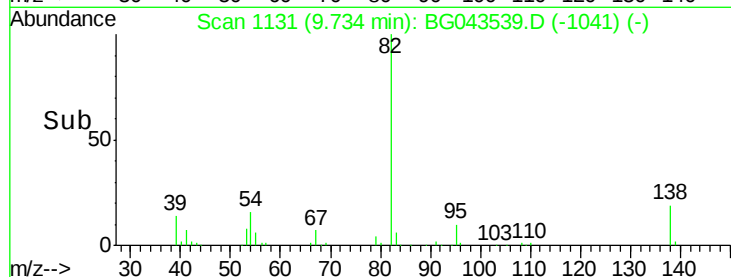
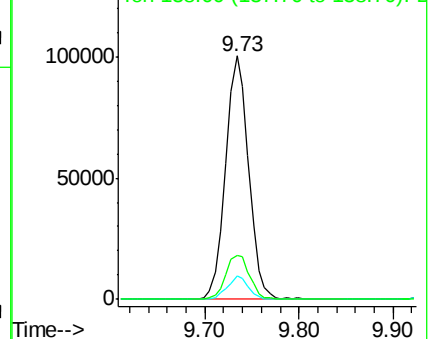
82 100

95 9.5 6.6 9.8

138 18.2 15.2 22.8



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



#26

2-Nitrophenol

Concen: 43.585 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

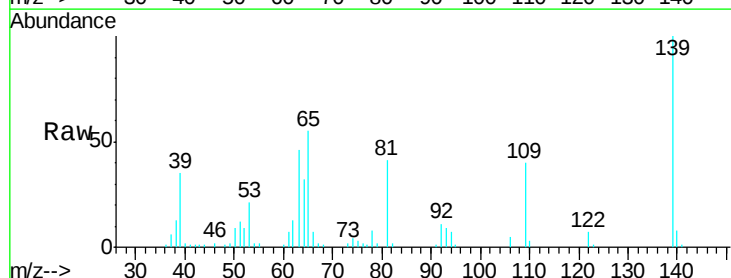
Tgt Ion: 139 Resp: 48566

Ion Ratio Lower Upper

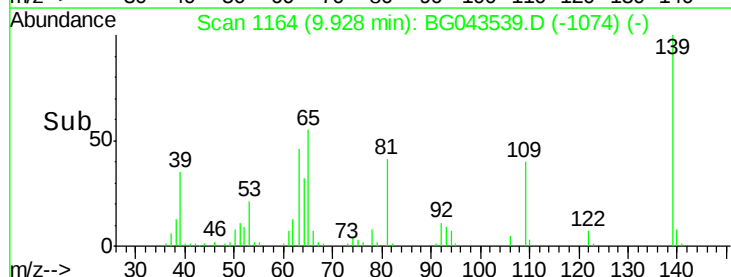
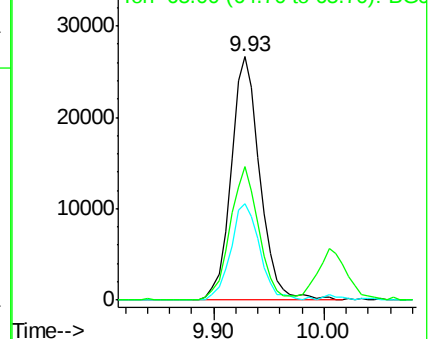
139 100

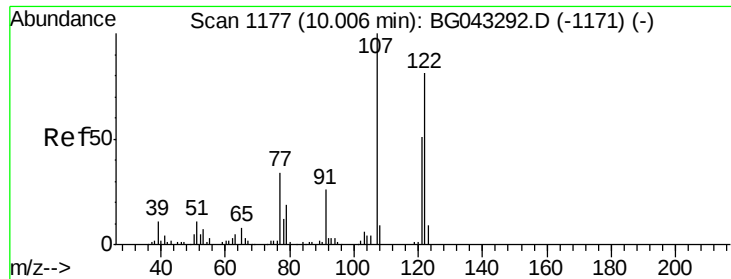
109 39.6 26.5 39.7

65 54.7 43.8 65.8



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

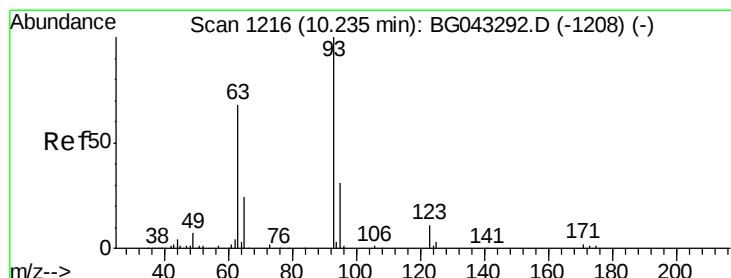
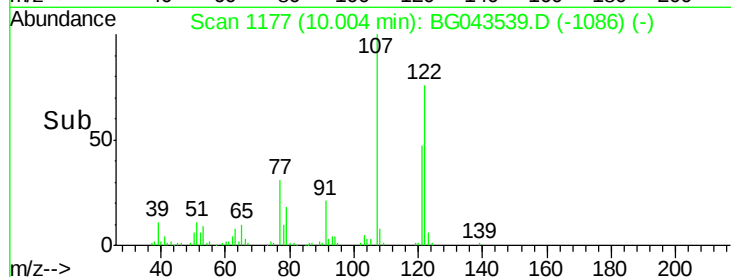
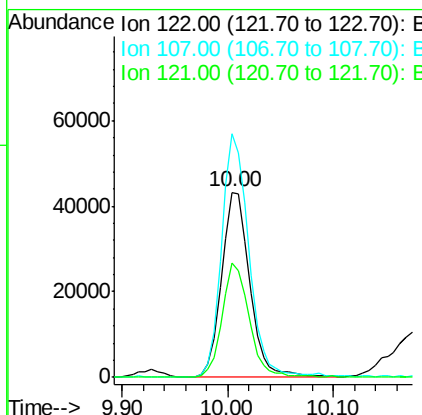
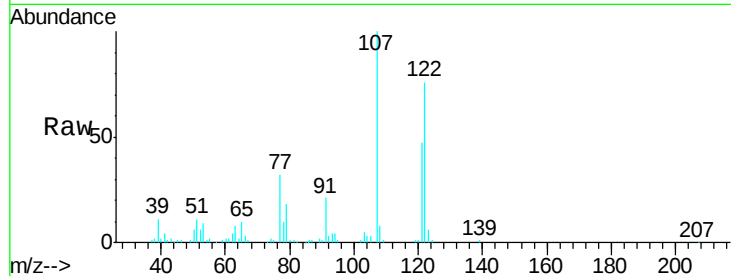




#27  
 2,4-Dimethylphenol  
 Concen: 49.712 ng  
 RT: 10.00 min Scan# 1177  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

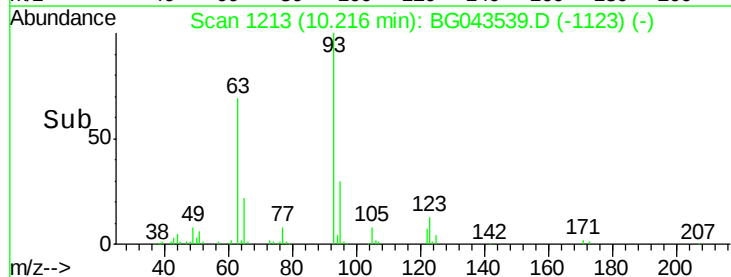
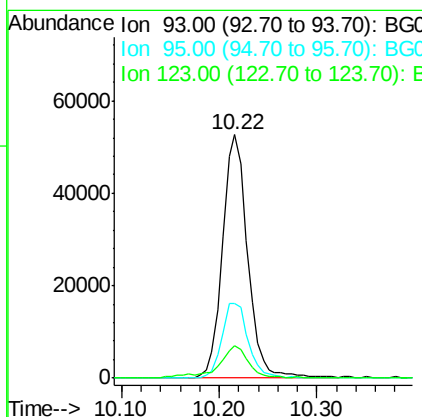
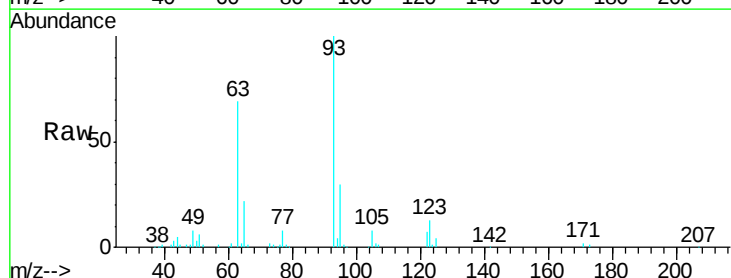
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

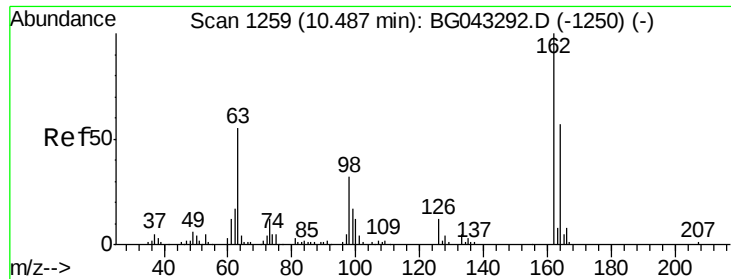
Tgt Ion: 122 Resp: 79393  
 Ion Ratio Lower Upper  
 122 100  
 107 131.8 104.4 156.6  
 121 61.6 47.2 70.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.510 ng  
 RT: 10.22 min Scan# 1213  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion: 93 Resp: 94149  
 Ion Ratio Lower Upper  
 93 100  
 95 30.5 26.0 39.0  
 123 13.4 10.6 15.8

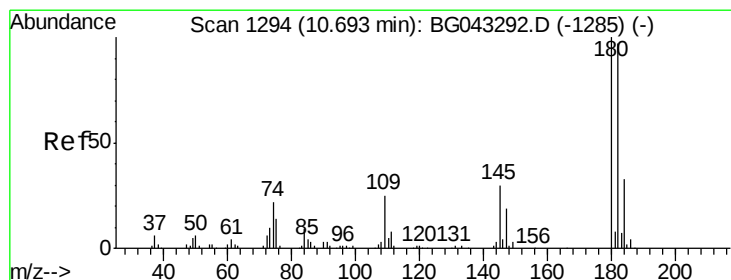
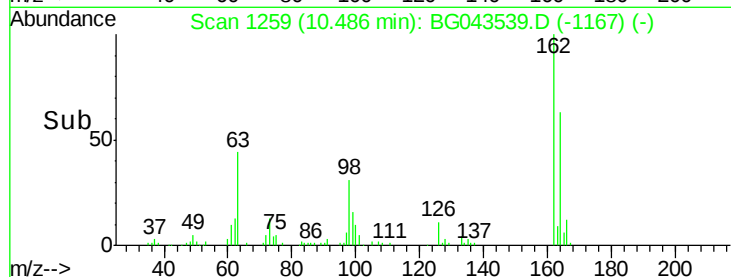
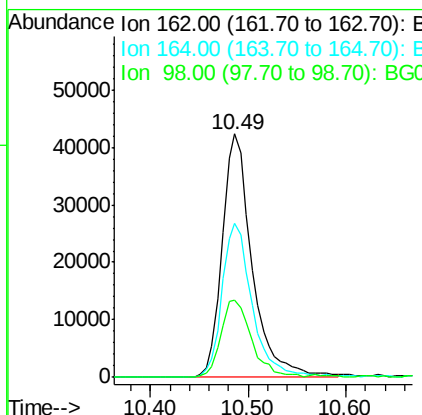
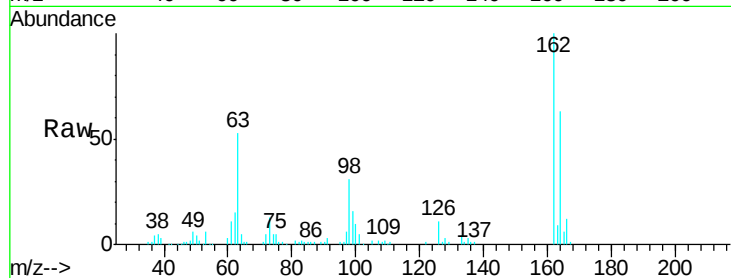




#29  
2,4-Dichlorophenol  
Concen: 44.252 ng  
RT: 10.49 min Scan# 1259  
Delta R.T. 0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

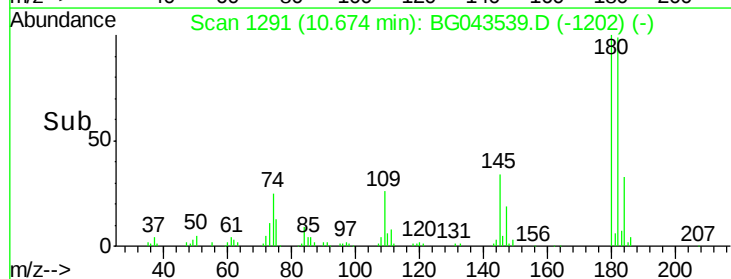
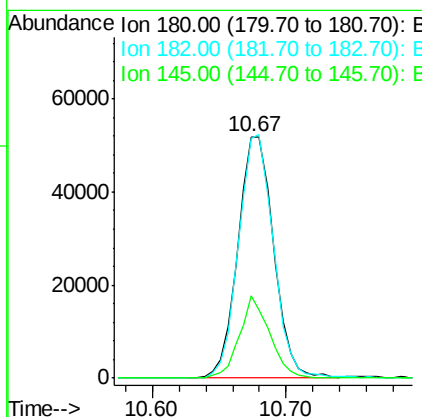
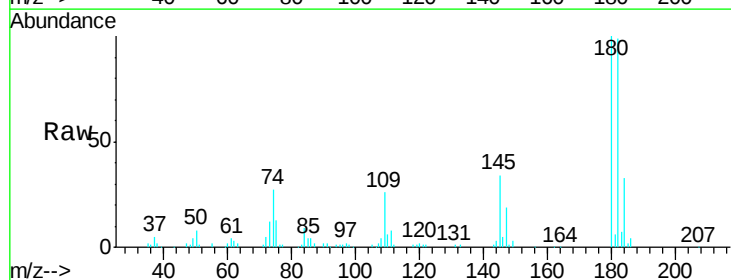
Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

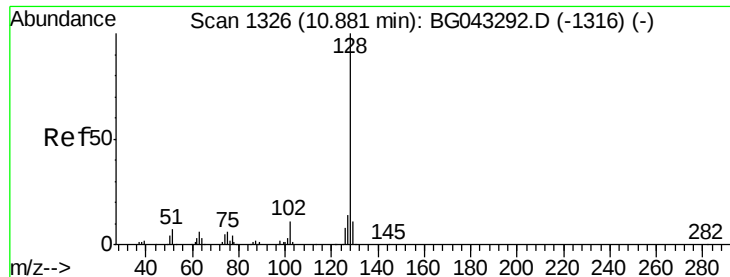
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.2  | 48.9  | 88.9  |
| 98      | 31.5  | 15.1  | 55.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 37.290 ng  
RT: 10.67 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.3  | 75.1  | 112.7 |
| 145     | 34.3  | 23.9  | 35.9  |

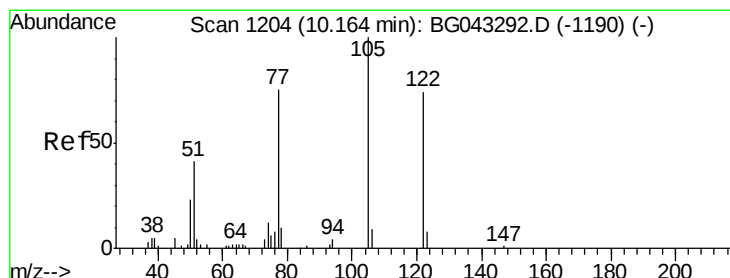
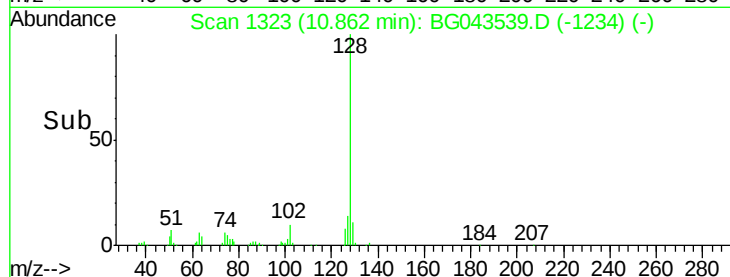
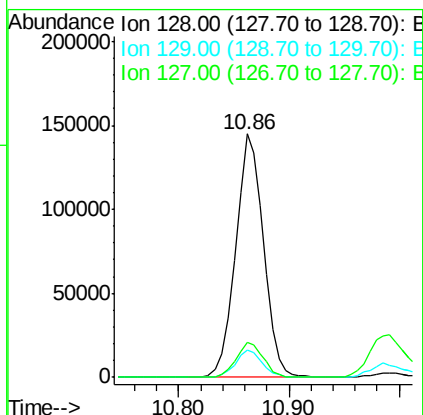
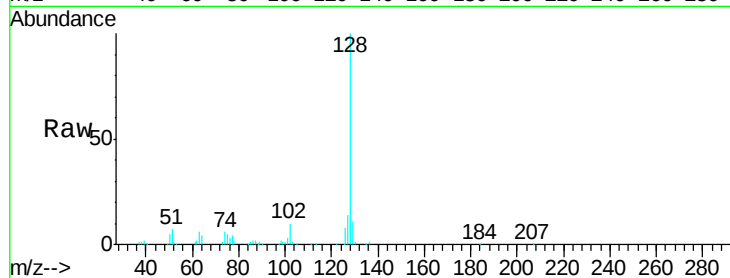




#31  
Naphthalene  
Concen: 40.423 ng  
RT: 10.86 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

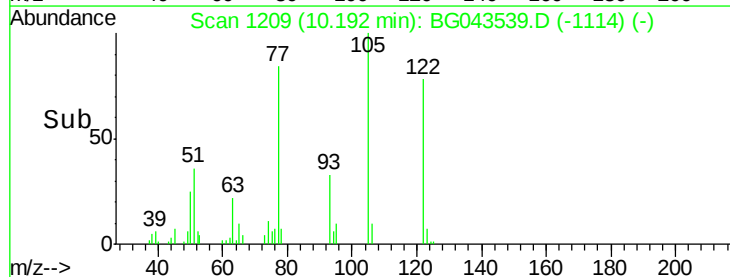
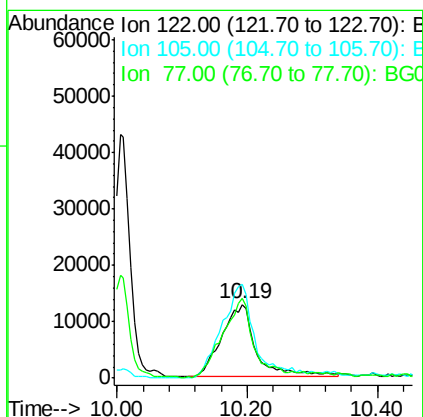
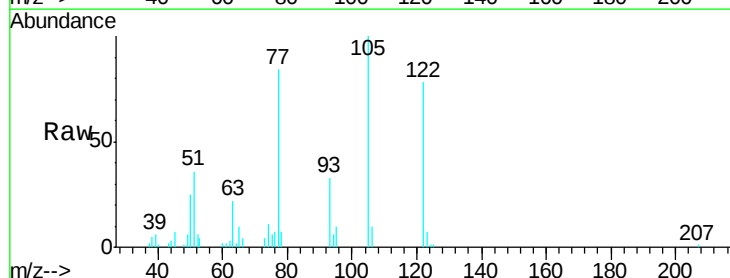
Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

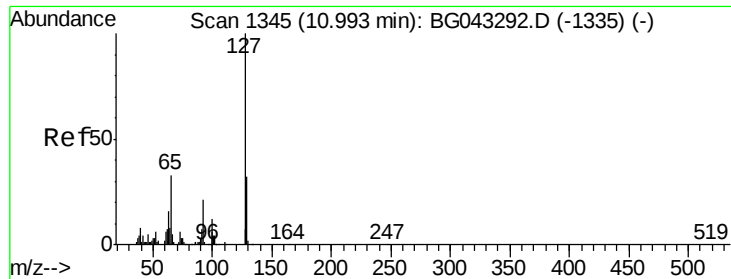
Tgt Ion:128 Resp: 256293  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.4 14.0  
127 14.4 11.1 16.7



#32  
Benzoic acid  
Concen: 40.503 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. 0.03 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Tgt Ion:122 Resp: 47268  
Ion Ratio Lower Upper  
122 100  
105 127.7 103.3 143.3  
77 107.7 84.9 124.9

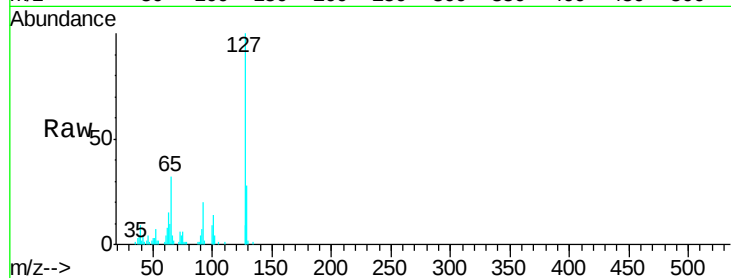




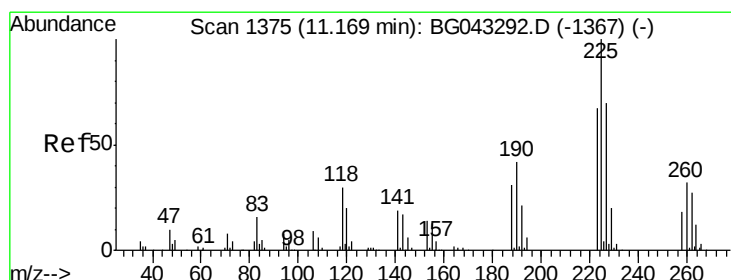
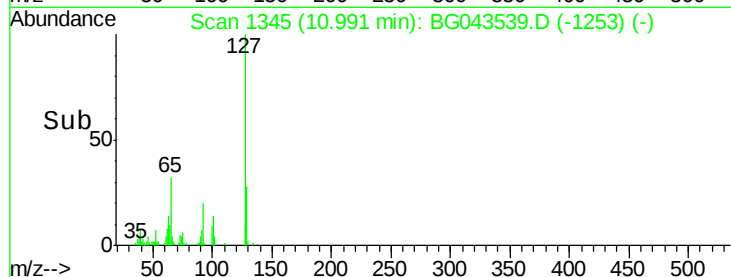
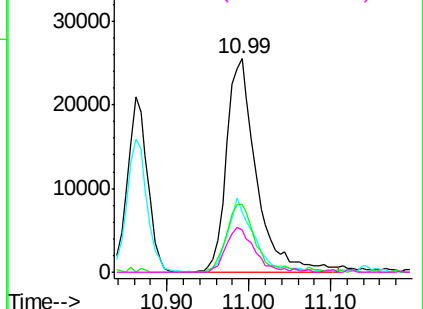
#33  
4-Chloroaniline  
Concen: 25.106 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. 0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 65249 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 28.5  | 26.5  | 39.7  |
| 65       | 32.0  | 26.4  | 39.6  |
| 92       | 19.9  | 16.2  | 24.2  |

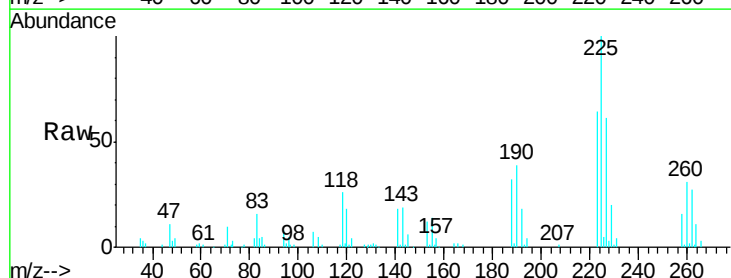


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG0  
Ion 92.00 (91.70 to 92.70): BG0

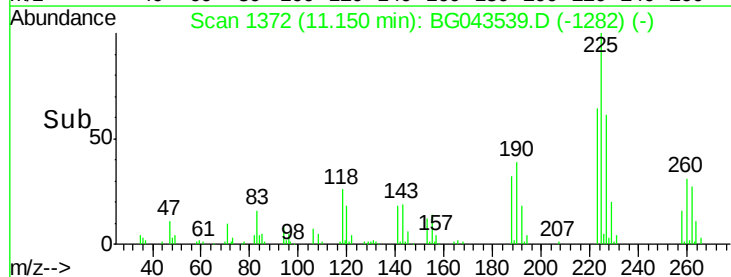
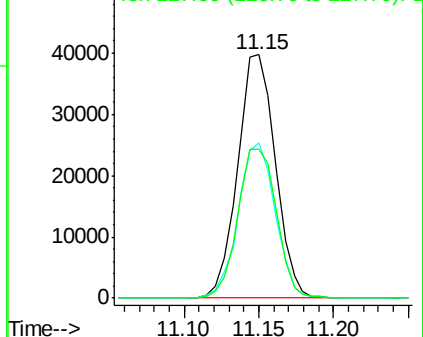


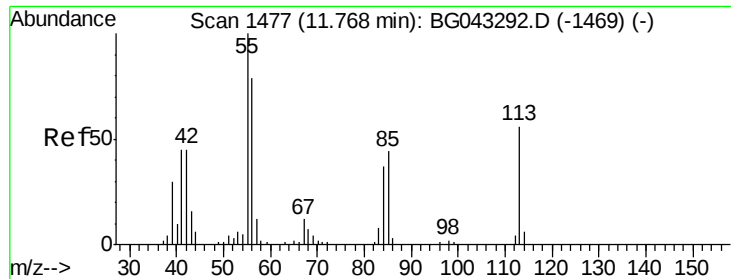
#34  
Hexachlorobutadiene  
Concen: 36.526 ng  
RT: 11.15 min Scan# 1372  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 69637 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.9  | 52.7  | 79.1  |
| 227      | 61.0  | 54.8  | 82.2  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.407 ng

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

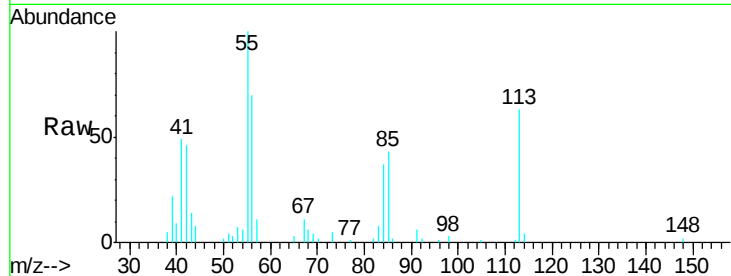
Tgt Ion:113 Resp: 16496

Ion Ratio Lower Upper

113 100

55 159.7 134.1 174.1

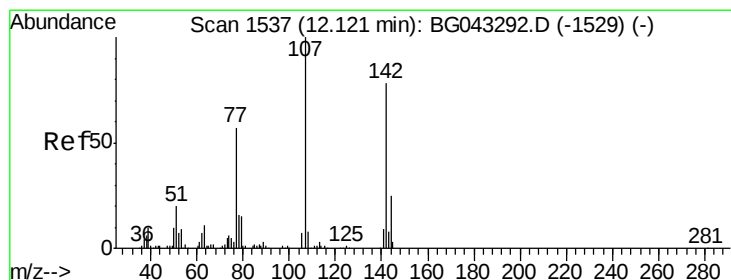
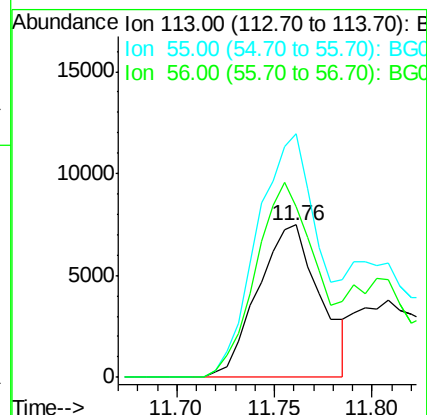
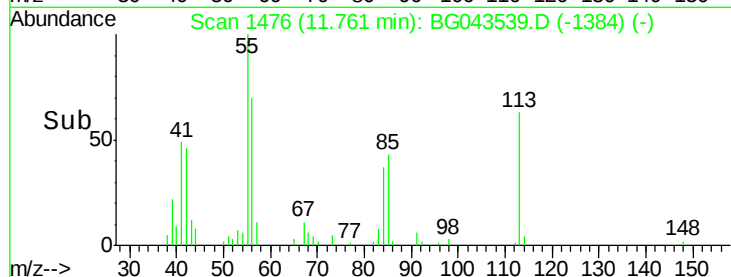
56 112.1 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.119 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.02 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

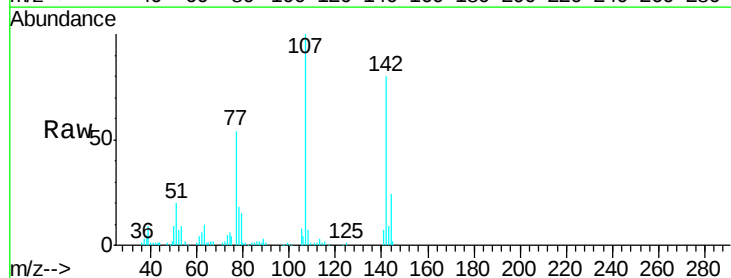
Tgt Ion:107 Resp: 94012

Ion Ratio Lower Upper

107 100

144 24.1 20.9 31.3

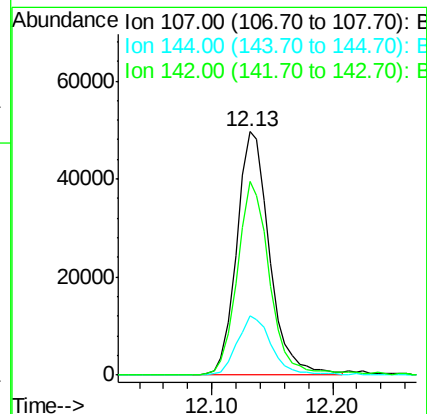
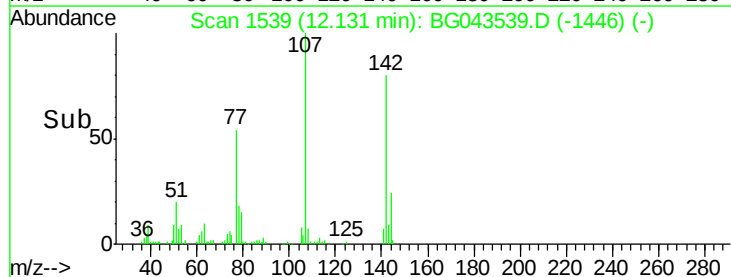
142 79.7 59.6 89.4

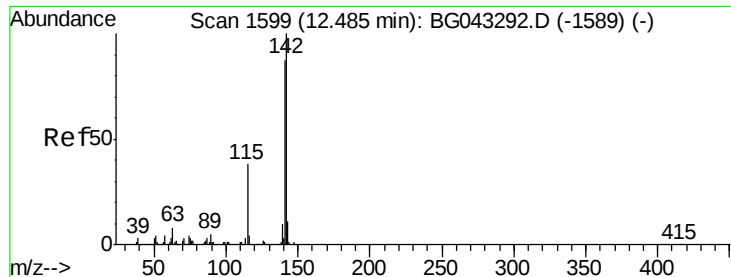


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.154 ng

RT: 12.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

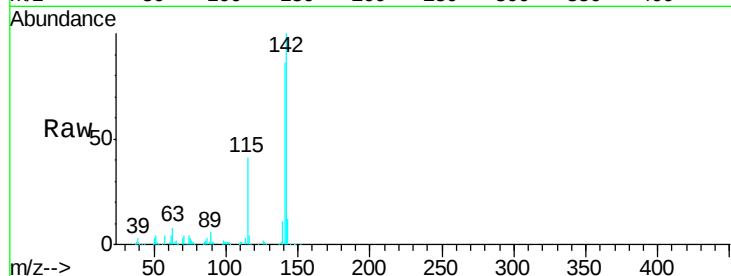
Tgt Ion:142 Resp: 195343

Ion Ratio Lower Upper

142 100

141 86.0 72.2 108.2

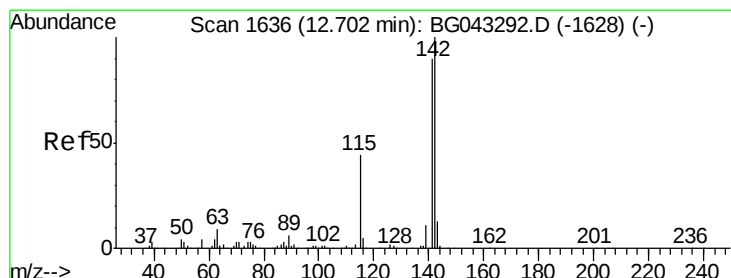
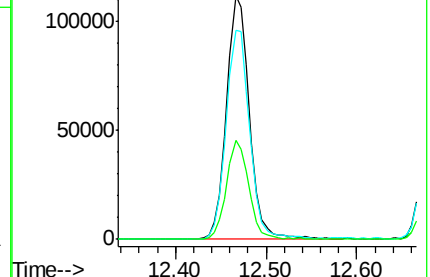
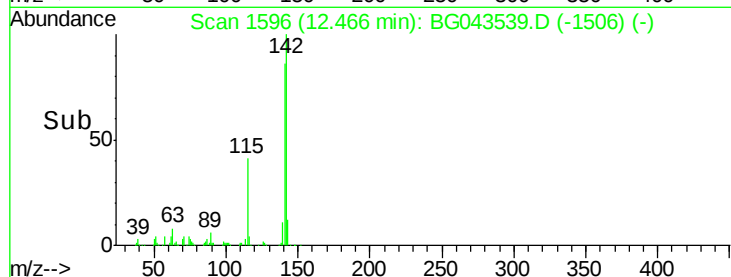
115 40.8 33.2 49.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.716 ng

RT: 12.69 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

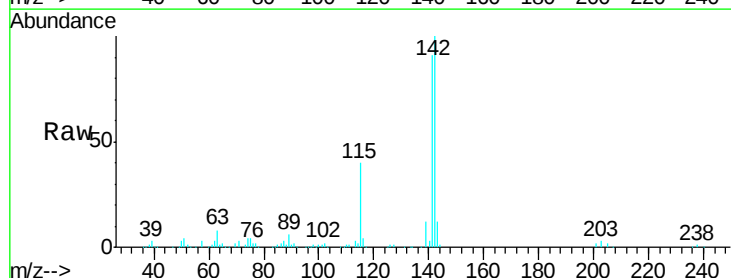
Tgt Ion:142 Resp: 188466

Ion Ratio Lower Upper

142 100

141 91.0 73.2 109.8

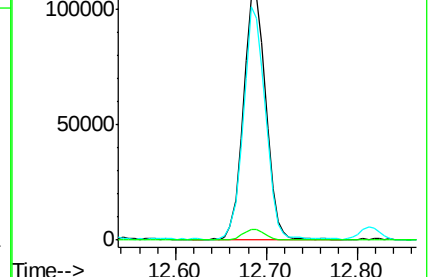
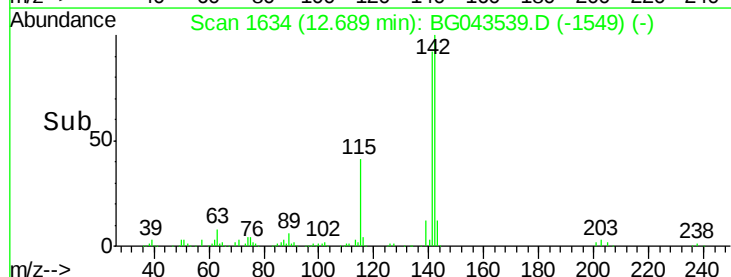
116 4.4 3.6 5.4

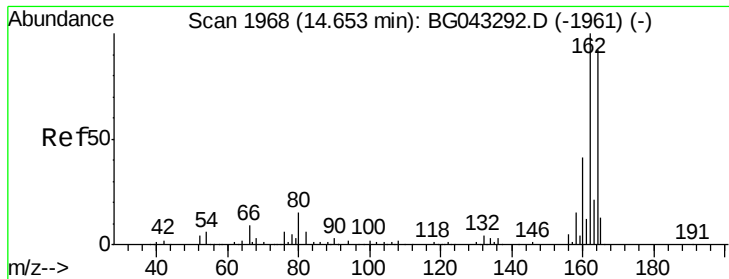


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

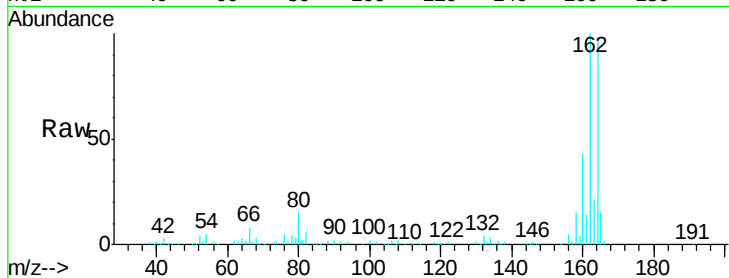
Tgt Ion:164 Resp: 95137

Ion Ratio Lower Upper

164 100

162 102.6 83.5 125.3

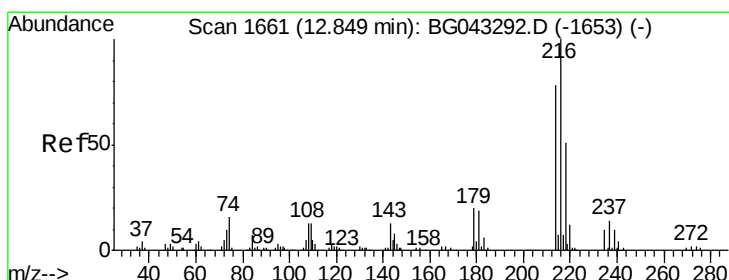
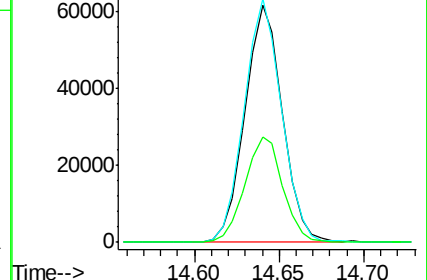
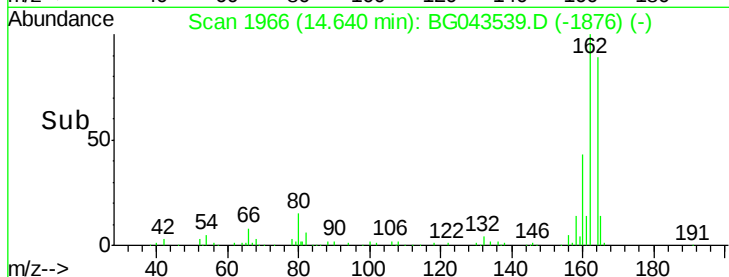
160 44.4 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.475 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:216 Resp: 124905

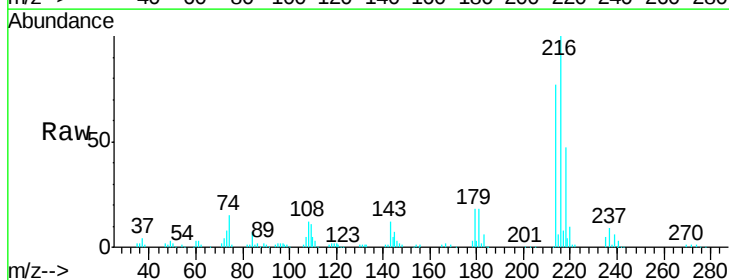
Ion Ratio Lower Upper

216 100

214 79.1 61.7 92.5

179 19.2 15.8 23.8

108 15.0 11.5 17.3

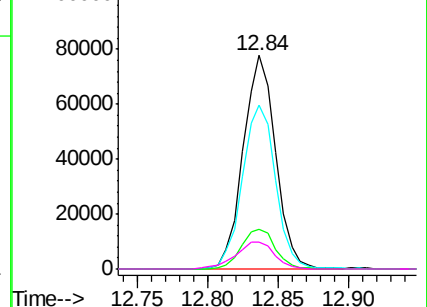
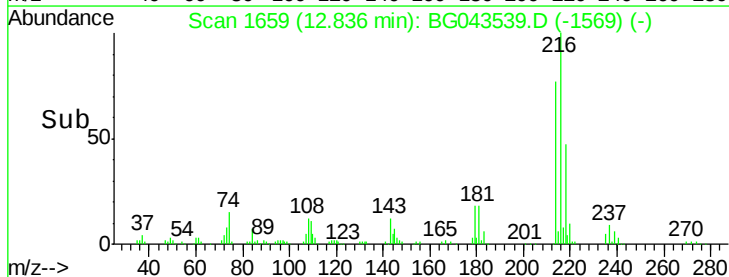


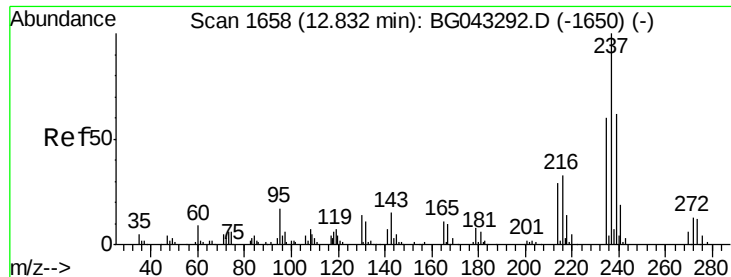
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 48.090 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

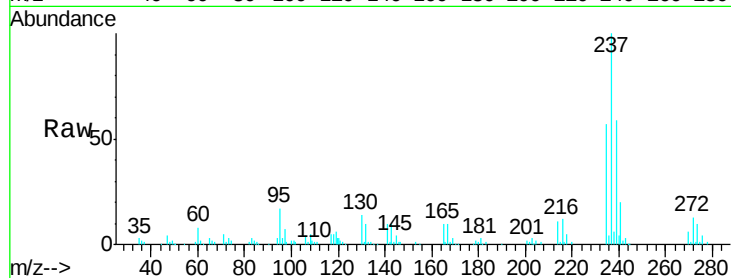
Tgt Ion:237 Resp: 88944

Ion Ratio Lower Upper

237 100

235 57.1 41.6 81.6

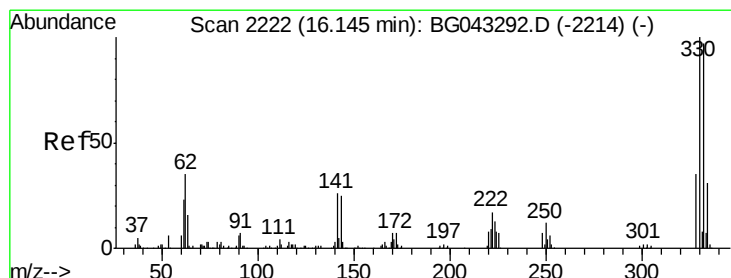
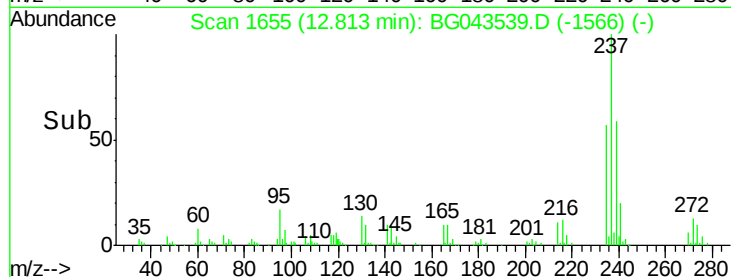
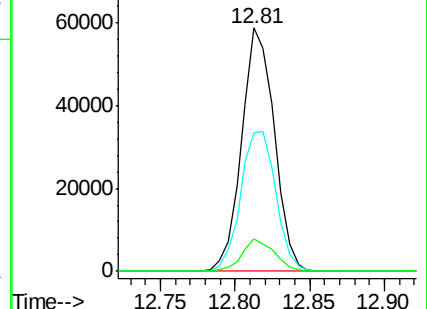
272 13.3 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.460 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

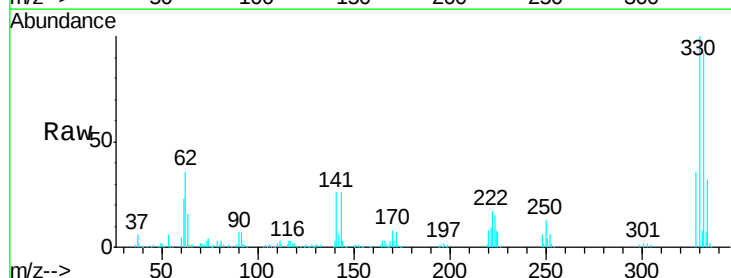
Tgt Ion:330 Resp: 183689

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.0

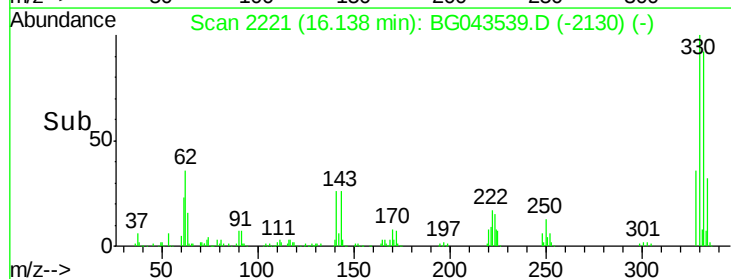
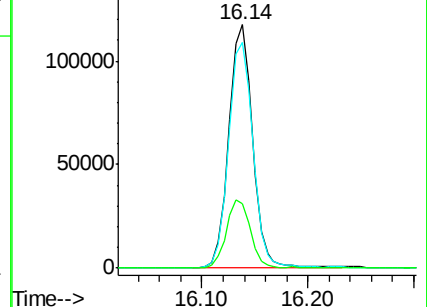
141 28.7 22.8 34.2

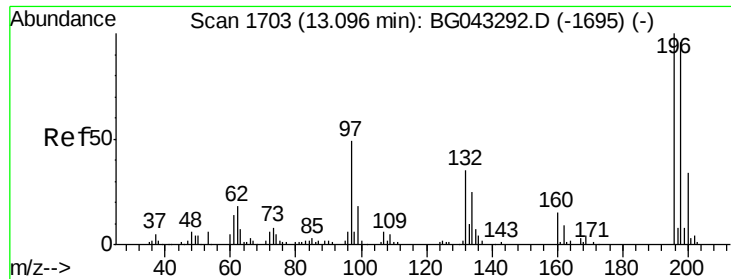


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

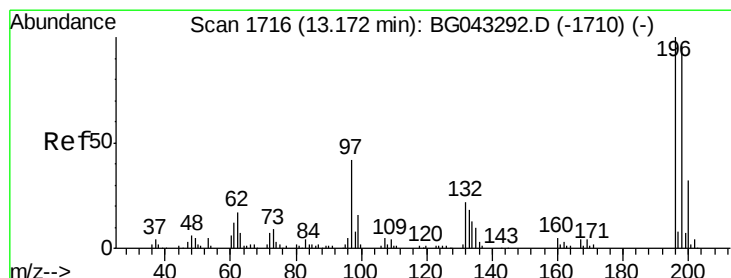
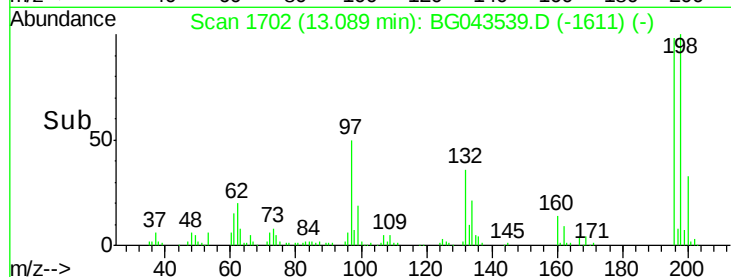
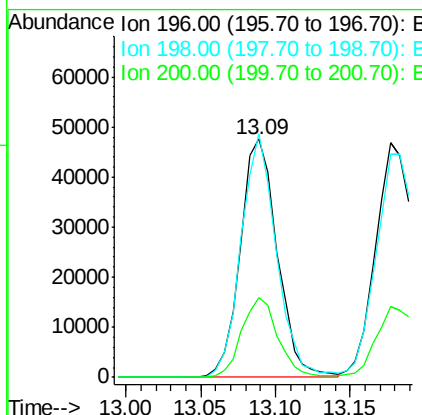
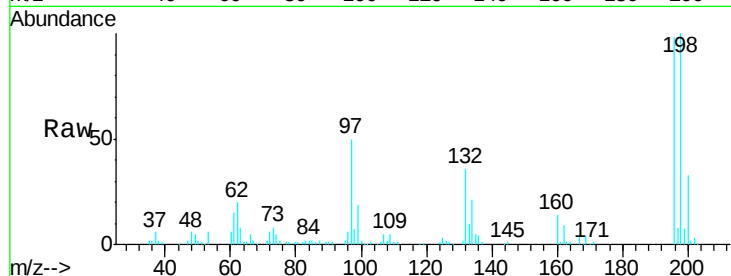




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.414 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

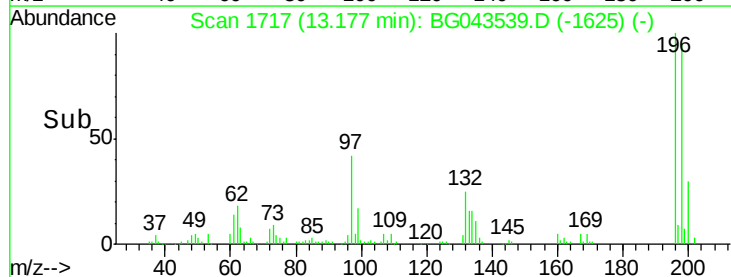
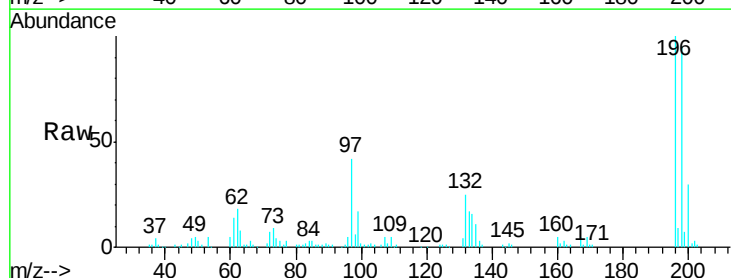
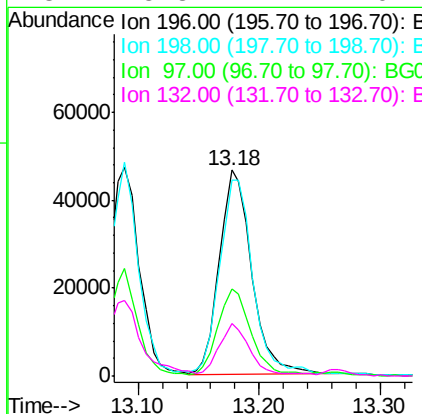
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

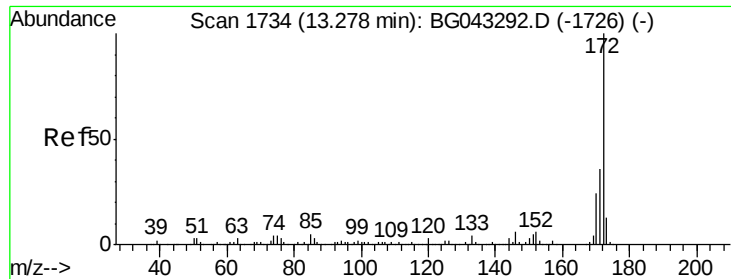
Tgt Ion:196 Resp: 81725  
 Ion Ratio Lower Upper  
 196 100  
 198 102.1 75.8 113.6  
 200 33.6 23.9 35.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.418 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion:196 Resp: 86822  
 Ion Ratio Lower Upper  
 196 100  
 198 95.1 74.5 111.7  
 97 42.4 36.3 54.5  
 132 25.3 17.4 26.2

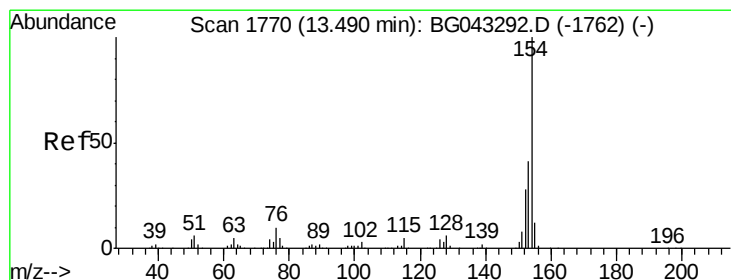
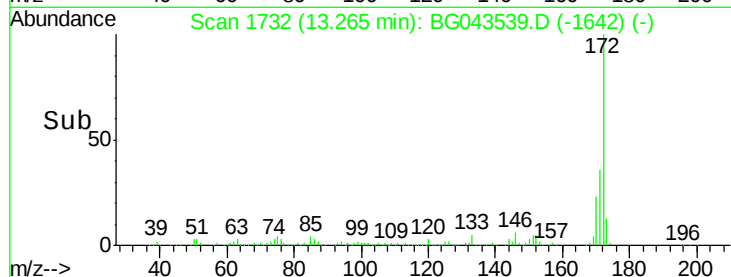
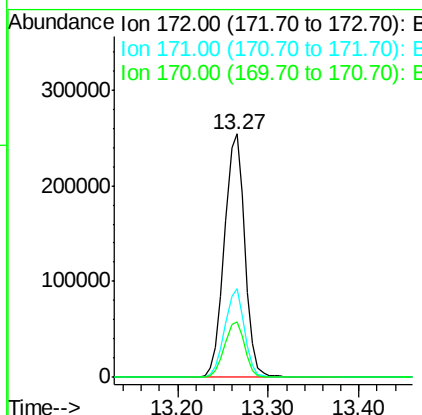
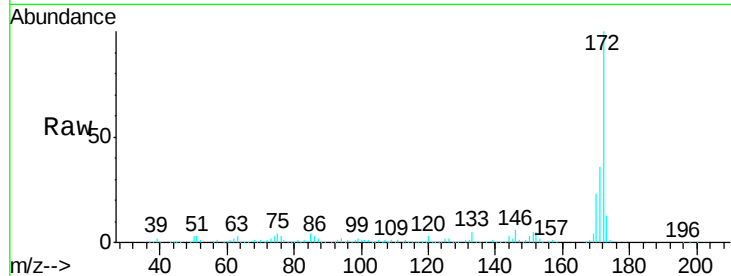




#45  
 2-Fluorobiphenyl  
 Concen: 57.480 ng  
 RT: 13.27 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

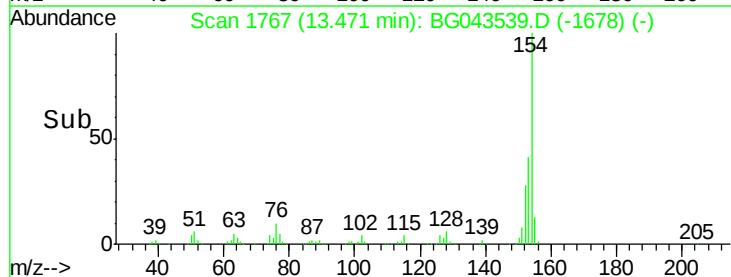
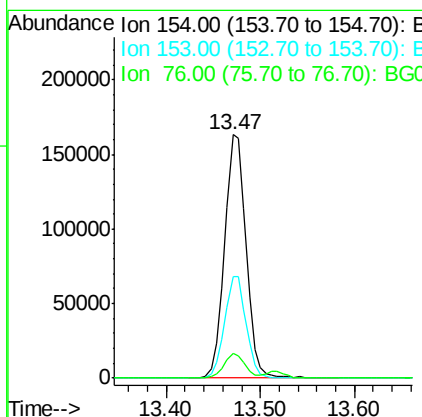
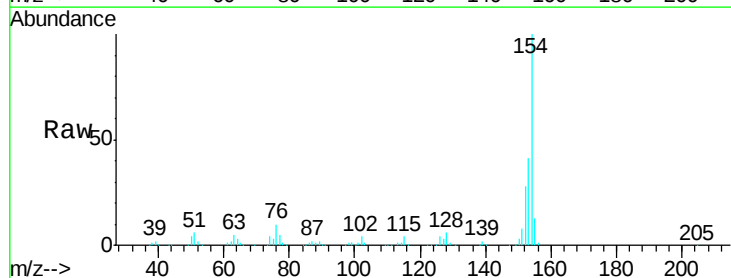
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

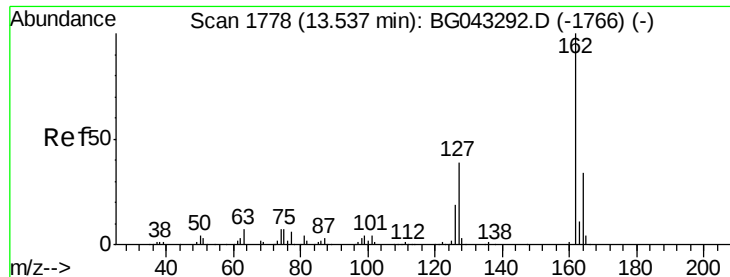
Tgt Ion:172 Resp: 395748  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 28.9 43.3  
 170 22.9 18.5 27.7



#46  
 1,1'-Biphenyl  
 Concen: 35.852 ng  
 RT: 13.47 min Scan# 1767  
 Delta R.T. -0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion:154 Resp: 259480  
 Ion Ratio Lower Upper  
 154 100  
 153 41.4 19.9 59.9  
 76 10.0 0.0 29.4

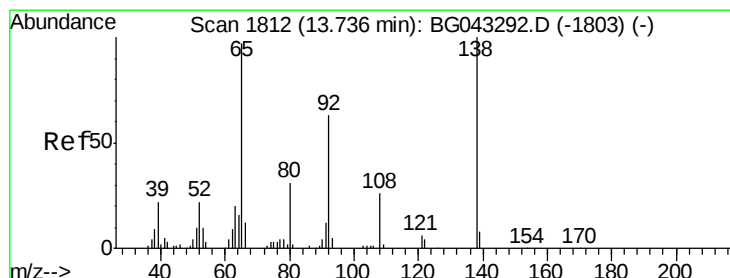
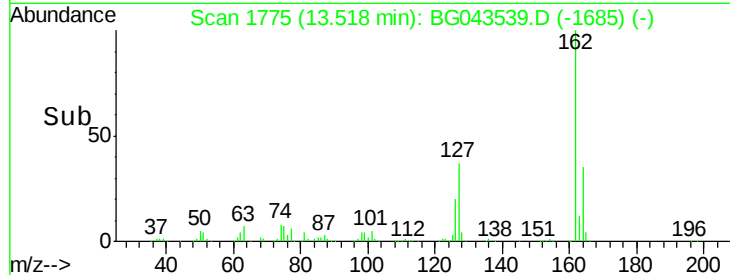
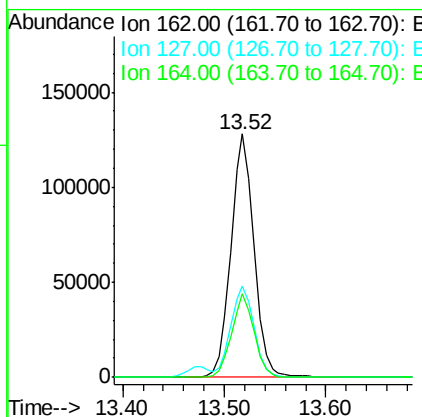
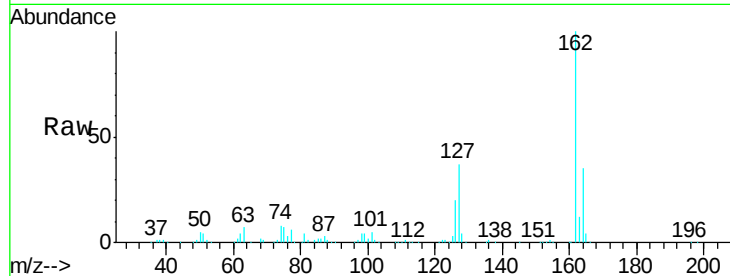




#47  
 2-Chloronaphthalene  
 Concen: 36.588 ng  
 RT: 13.52 min Scan# 1775  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

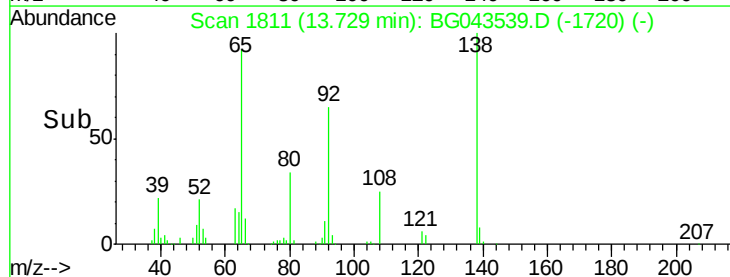
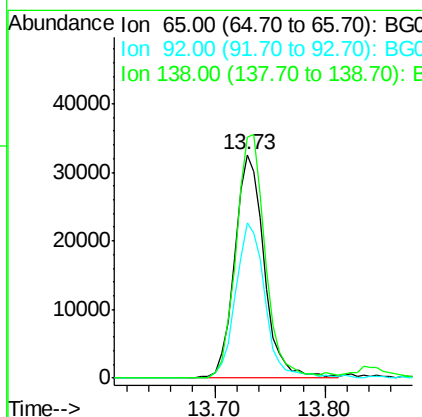
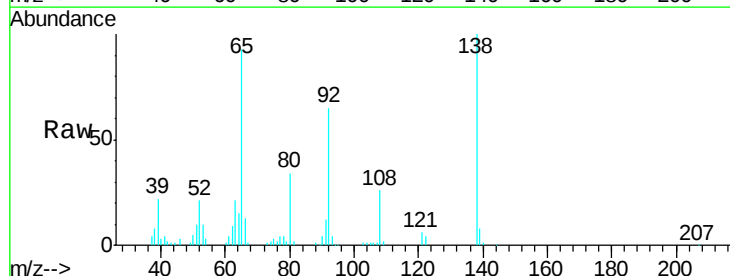
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

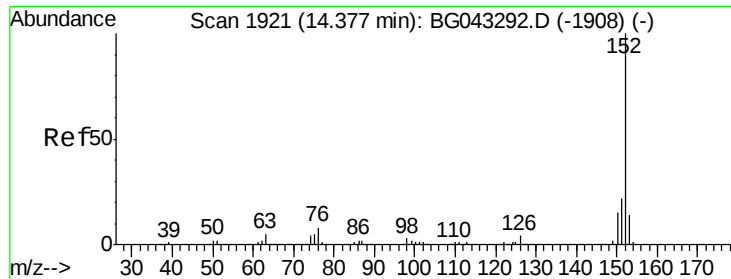
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 201485 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 37.3  | 31.2  | 46.8   |
| 164      | 34.5  | 25.8  | 38.8   |



#48  
 2-Nitroaniline  
 Concen: 37.144 ng  
 RT: 13.73 min Scan# 1811  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 61134 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 92       | 69.6  | 56.2  | 84.2  |
| 138      | 107.7 | 82.6  | 123.8 |





#49

Acenaphthylene

Concen: 38.441 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

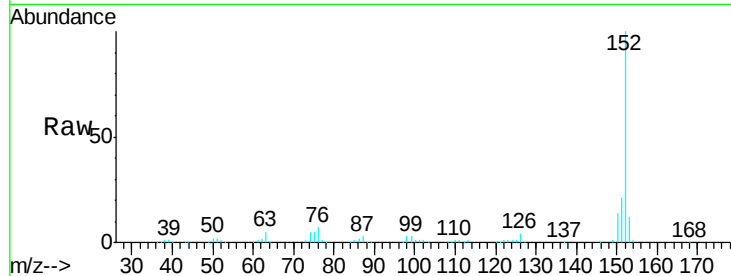
Tgt Ion:152 Resp: 329460

Ion Ratio Lower Upper

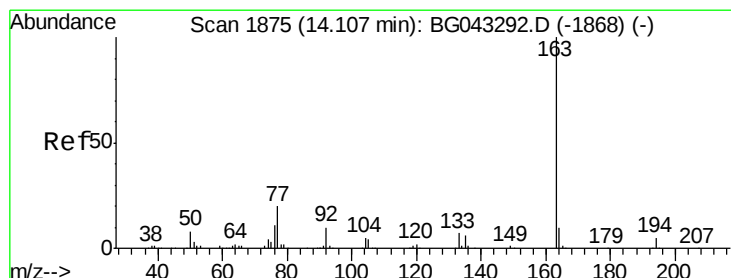
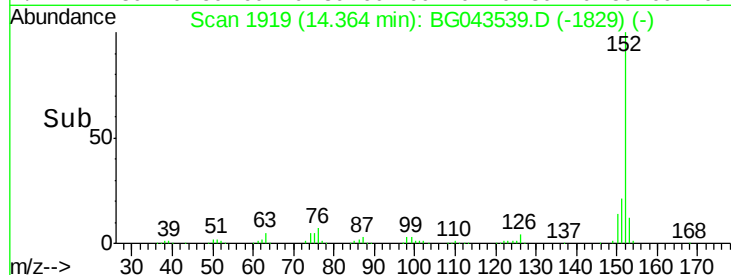
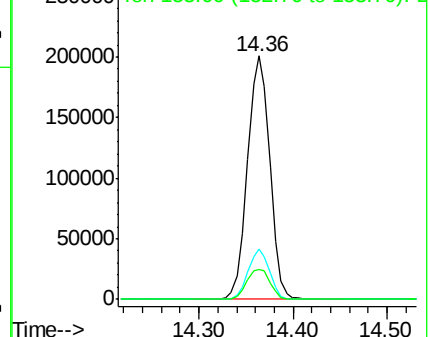
152 100

151 20.6 16.2 24.4

153 12.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.965 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

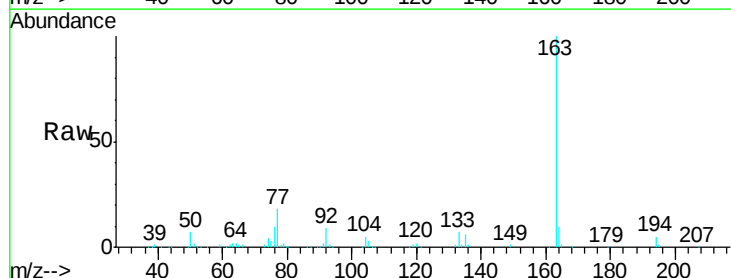
Tgt Ion:163 Resp: 272396

Ion Ratio Lower Upper

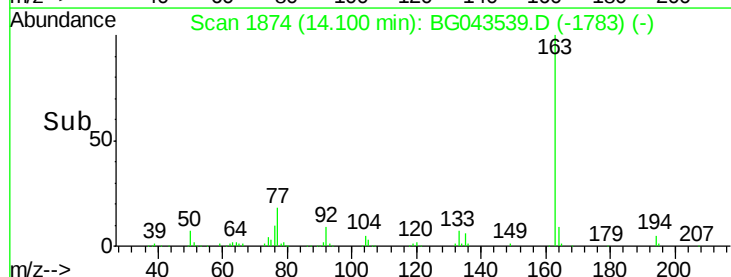
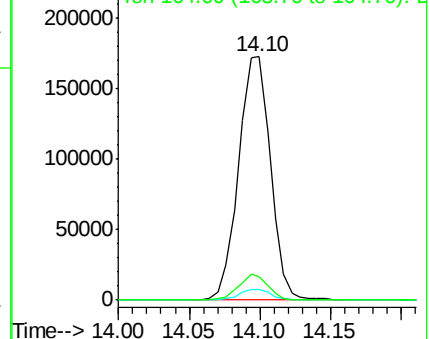
163 100

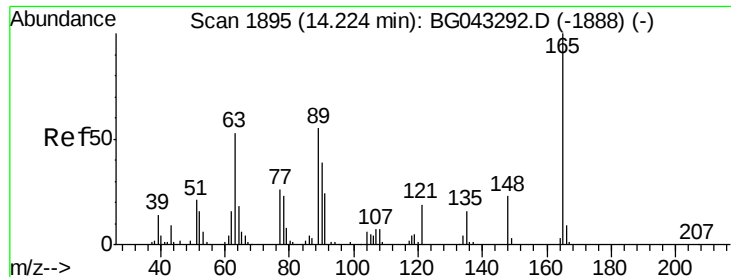
194 4.6 3.8 5.6

164 9.6 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

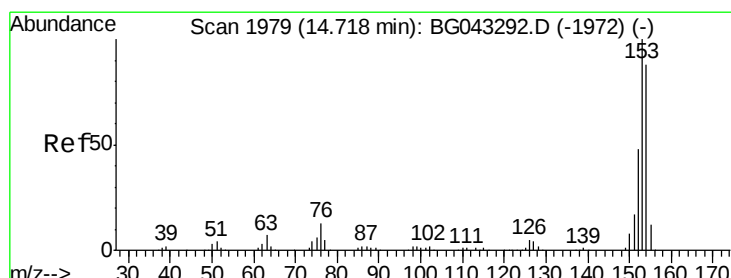
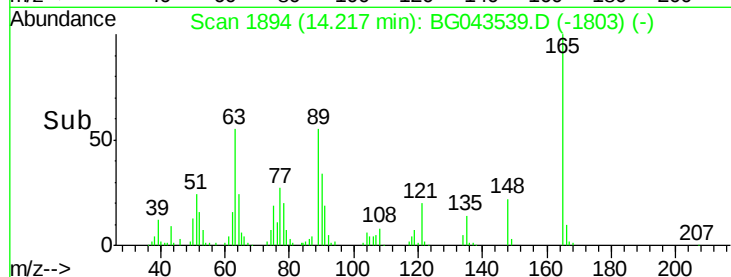
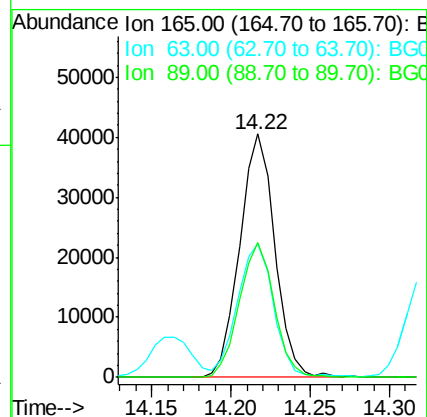
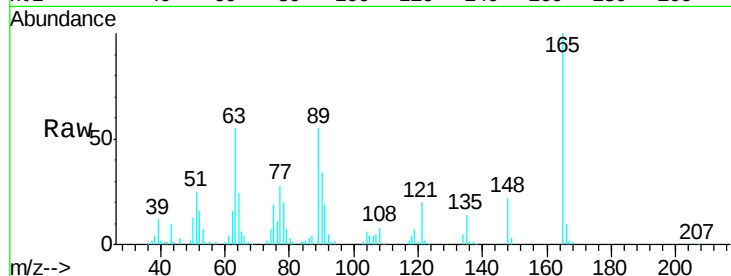




#51  
 2,6-Dinitrotoluene  
 Concen: 38.893 ng  
 RT: 14.22 min Scan# 1894  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

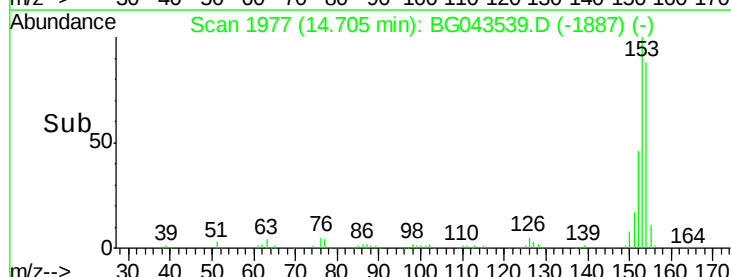
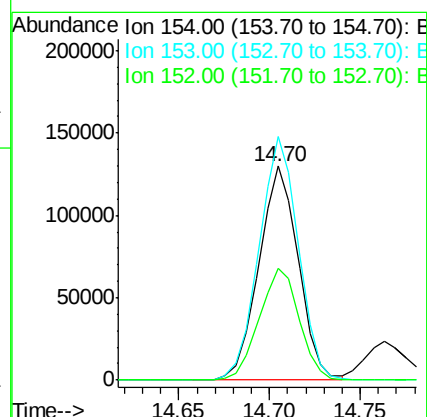
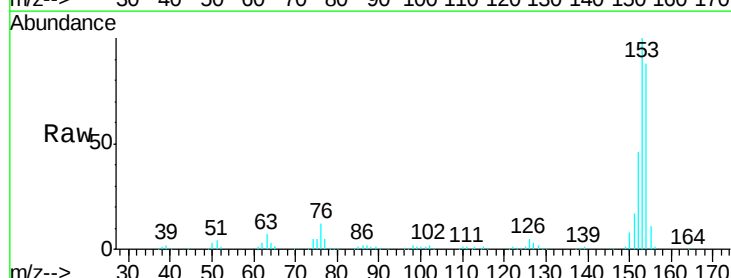
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

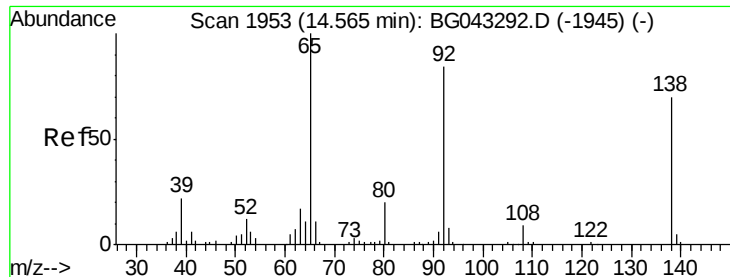
Tgt Ion:165 Resp: 62264  
 Ion Ratio Lower Upper  
 165 100  
 63 54.9 46.6 69.8  
 89 55.3 45.1 67.7



#52  
 Acenaphthene  
 Concen: 37.503 ng  
 RT: 14.70 min Scan# 1977  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion:154 Resp: 196014  
 Ion Ratio Lower Upper  
 154 100  
 153 113.8 88.2 132.2  
 152 52.5 40.0 60.0





#53

3-Nitroaniline

Concen: 27.792 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

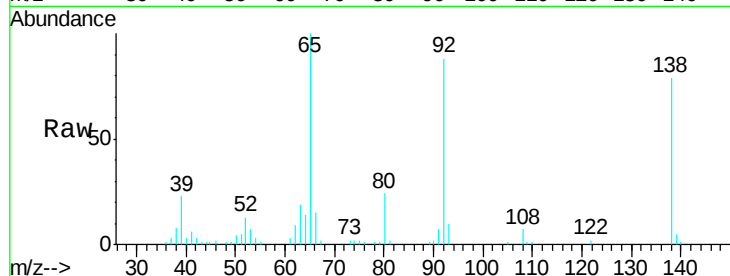
Tgt Ion:138 Resp: 42956

Ion Ratio Lower Upper

138 100

108 9.1 8.0 12.0

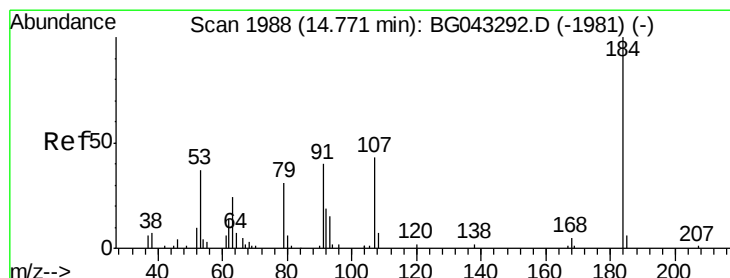
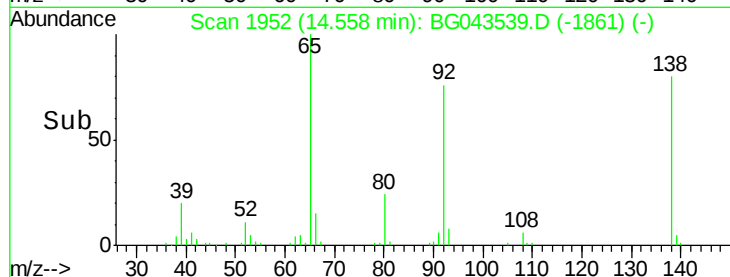
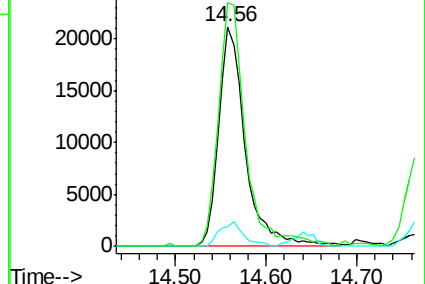
92 110.9 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 67.301 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

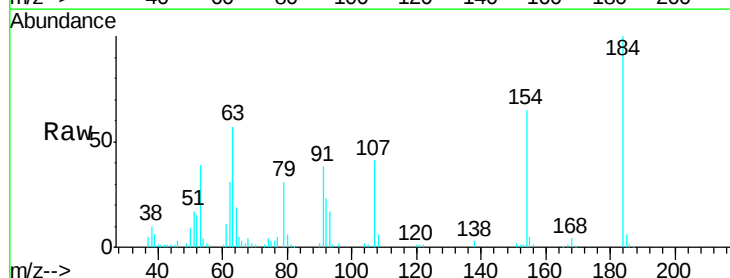
Tgt Ion:184 Resp: 66008

Ion Ratio Lower Upper

184 100

63 57.2 51.3 76.9

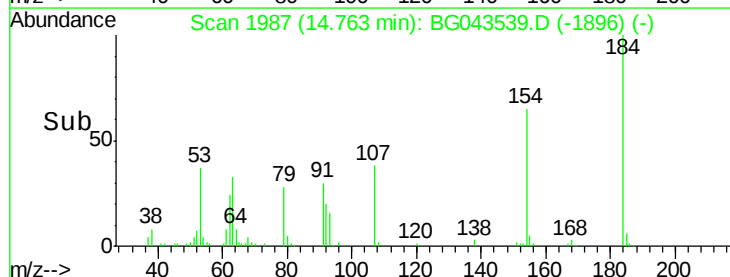
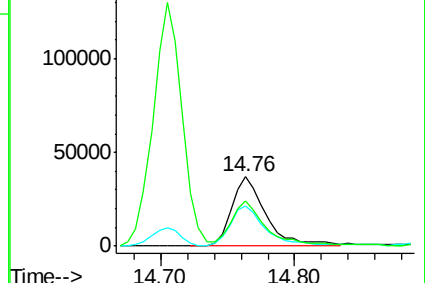
154 64.7 55.4 83.0

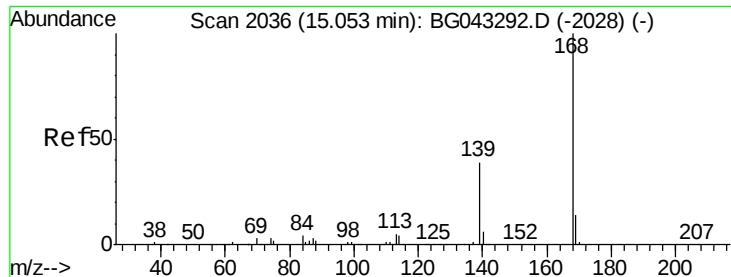


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

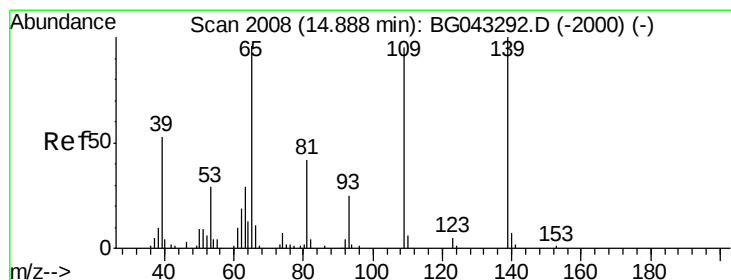
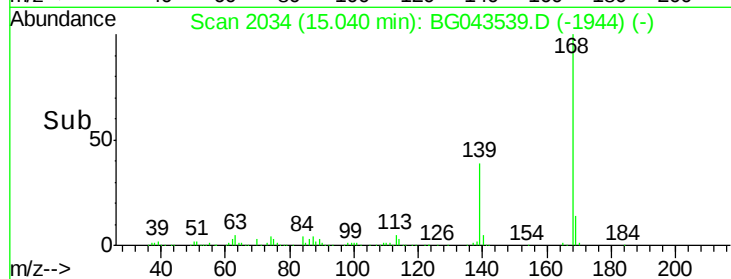
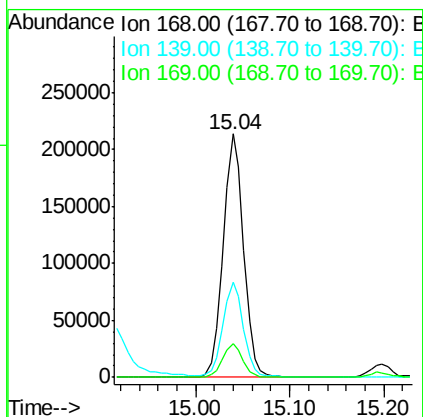
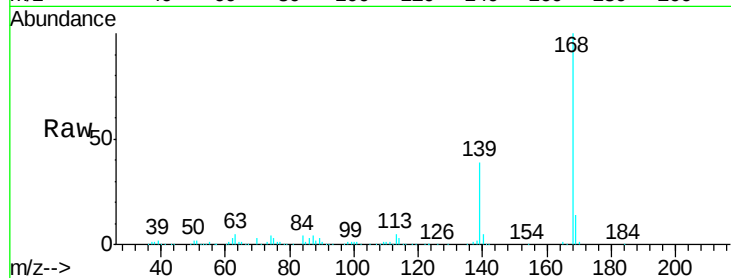




#55  
Dibenzofuran  
Concen: 38.065 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

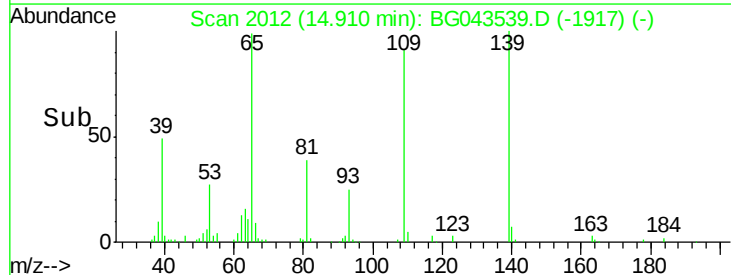
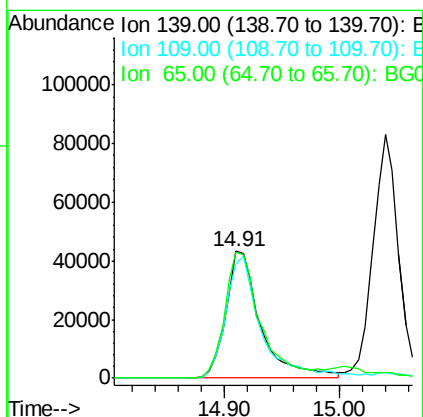
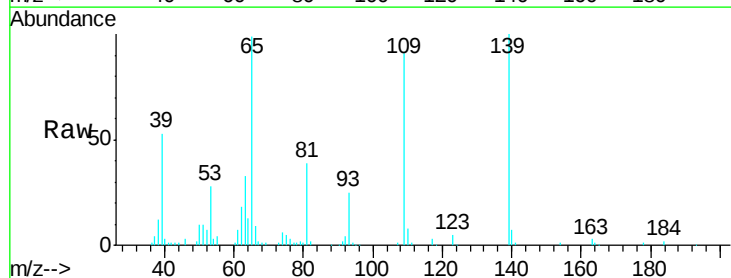
Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

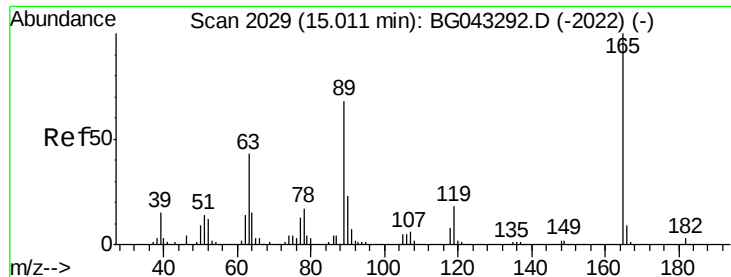
Tgt Ion:168 Resp: 322632  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.0 46.6  
169 13.7 11.7 17.5



#56  
4-Nitrophenol  
Concen: 87.298 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. 0.03 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Tgt Ion:139 Resp: 90422  
Ion Ratio Lower Upper  
139 100  
109 90.7 87.2 127.2  
65 99.3 83.8 123.8

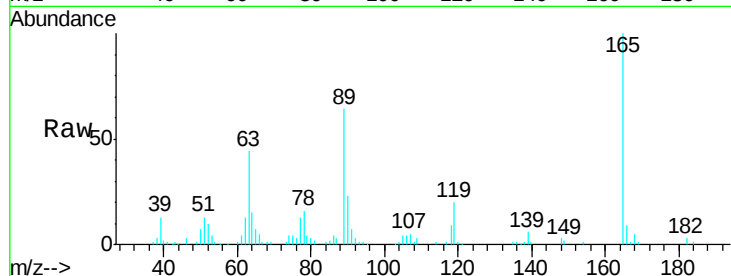




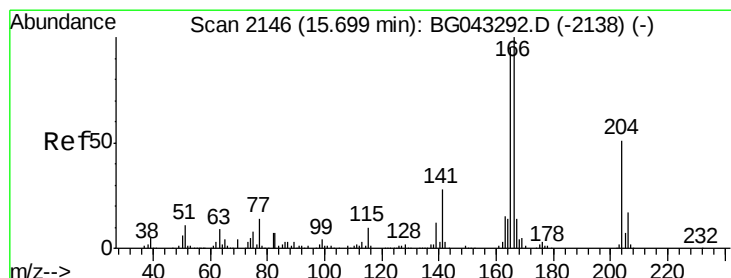
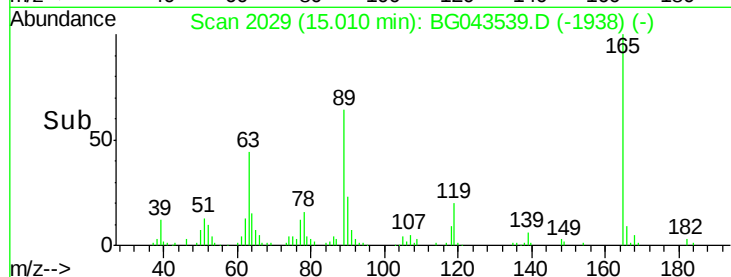
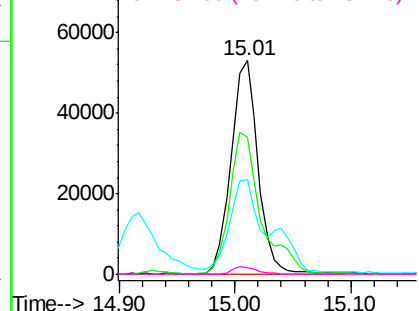
#57  
2,4-Dinitrotoluene  
Concen: 37.676 ng  
RT: 15.01 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

Tgt Ion:165 Resp: 86198  
Ion Ratio Lower Upper  
165 100  
63 44.5 33.2 49.8  
89 64.4 52.2 78.4  
182 2.7 2.0 3.0

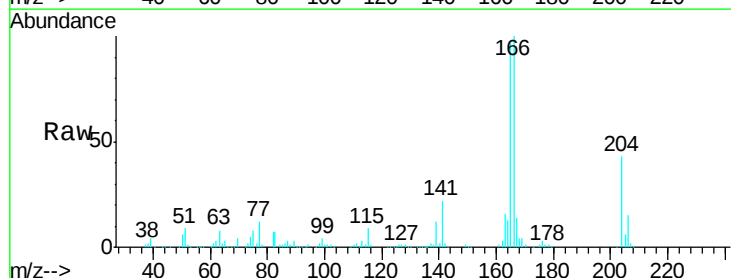


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

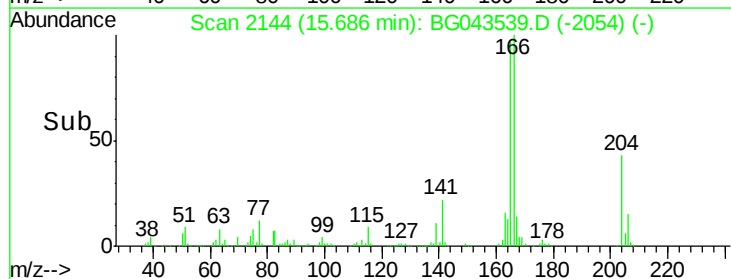
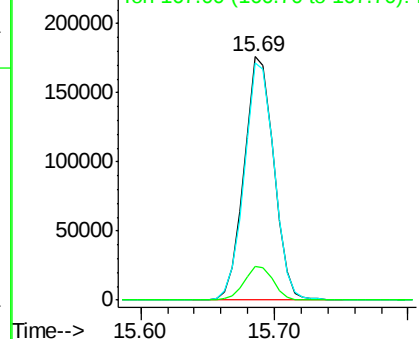


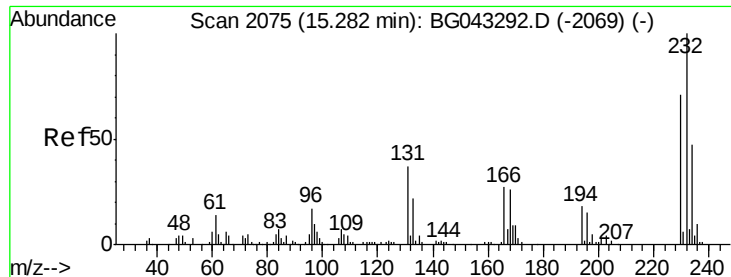
#58  
Fluorene  
Concen: 37.928 ng  
RT: 15.69 min Scan# 2144  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Tgt Ion:166 Resp: 269620  
Ion Ratio Lower Upper  
166 100  
165 97.2 79.0 118.6  
167 13.7 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

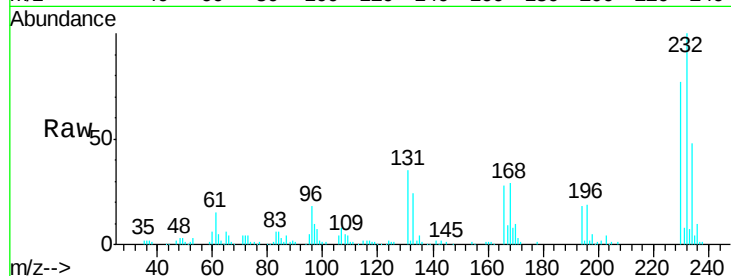




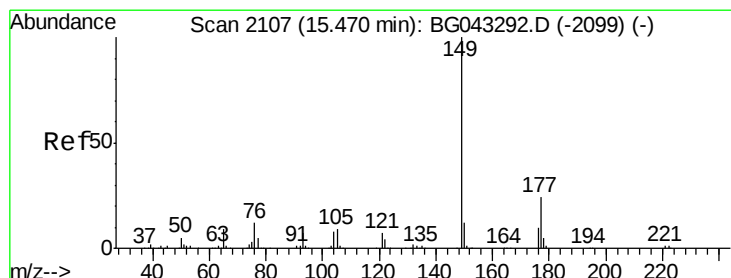
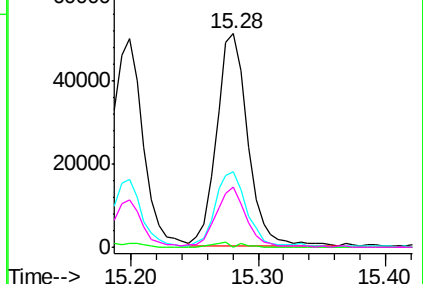
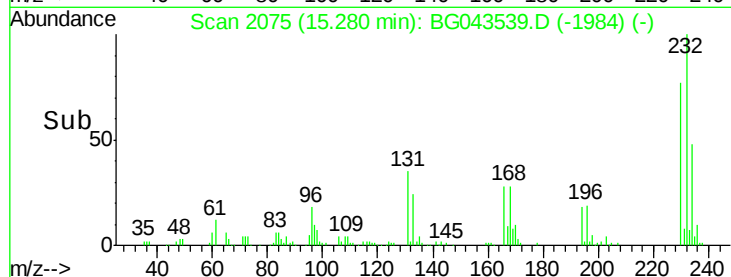
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.138 ng  
 RT: 15.28 min Scan# 2075  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

Tgt Ion:232 Resp: 87168  
 Ion Ratio Lower Upper  
 232 100  
 131 34.1 26.9 40.3  
 130 1.8 1.8 2.6  
 166 26.0 20.9 31.3

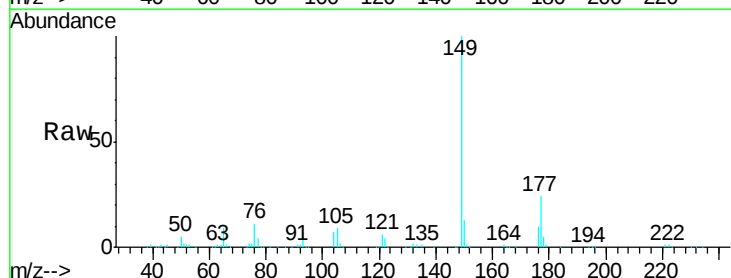


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

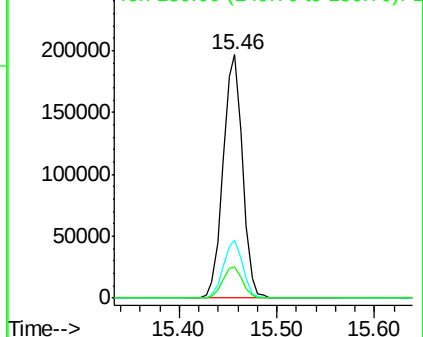
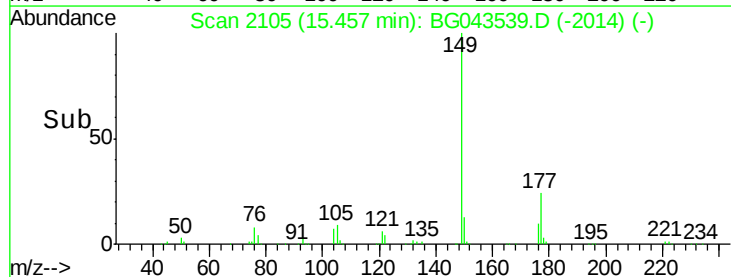


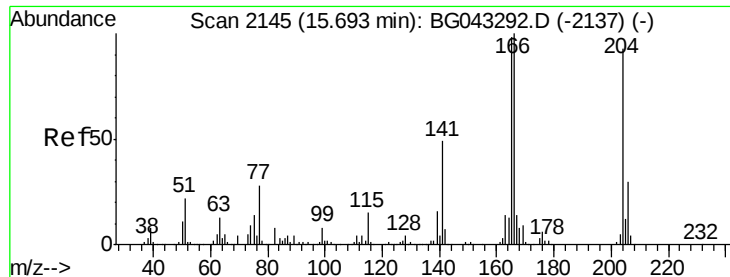
#60  
 Diethylphthalate  
 Concen: 36.371 ng  
 RT: 15.46 min Scan# 2105  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion:149 Resp: 269303  
 Ion Ratio Lower Upper  
 149 100  
 177 24.0 19.6 29.4  
 150 12.7 10.8 16.2



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

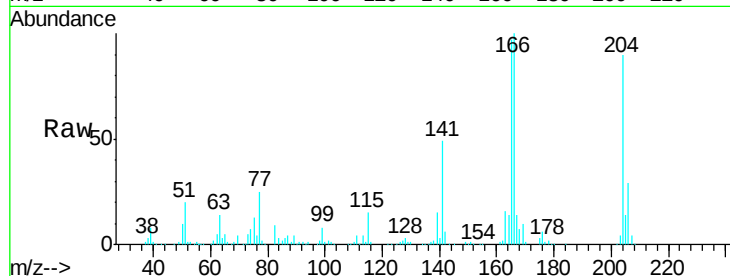




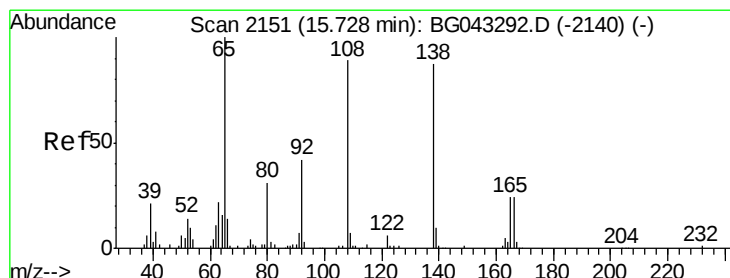
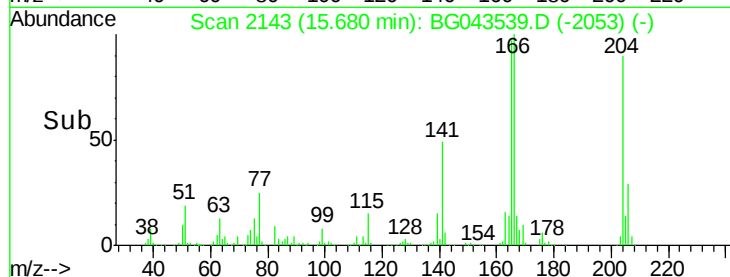
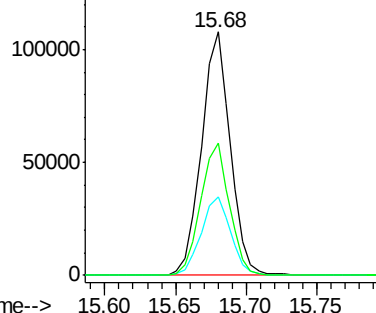
#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.850 ng  
 RT: 15.68 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

Tgt Ion:204 Resp: 152819  
 Ion Ratio Lower Upper  
 204 100  
 206 32.3 28.4 42.6  
 141 54.4 43.0 64.6

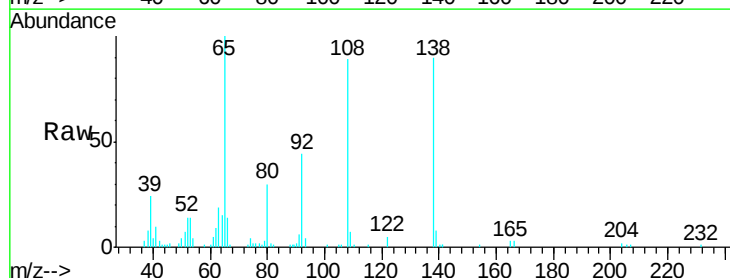


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

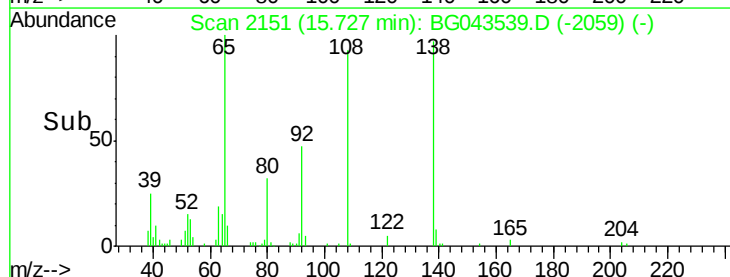
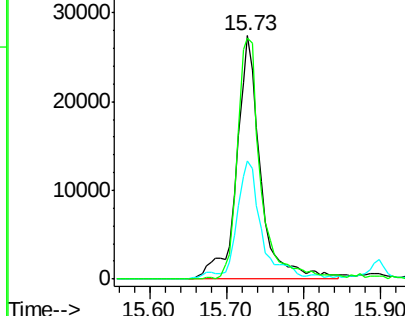


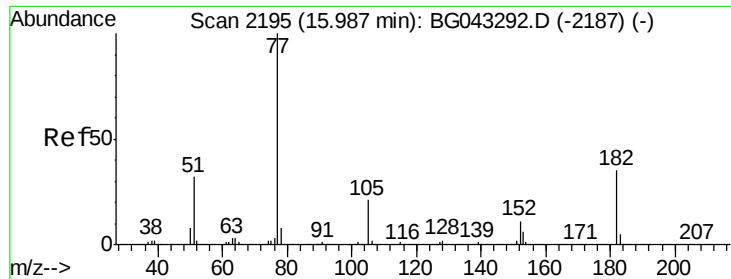
#62  
 4-Nitroaniline  
 Concen: 37.195 ng  
 RT: 15.73 min Scan# 2151  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion:138 Resp: 59373  
 Ion Ratio Lower Upper  
 138 100  
 92 48.8 33.4 73.4  
 108 99.1 78.0 118.0



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BG  
 Ion 108.00 (107.70 to 108.70): E

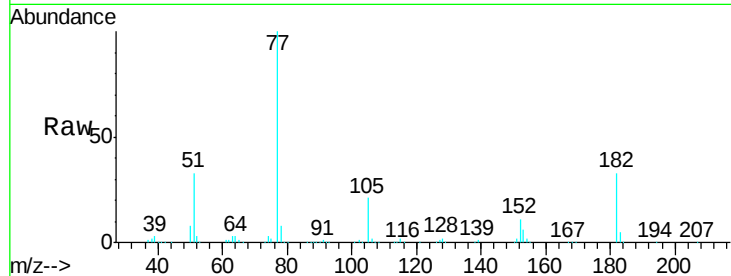




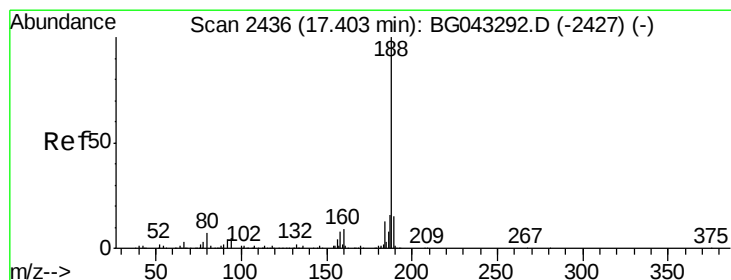
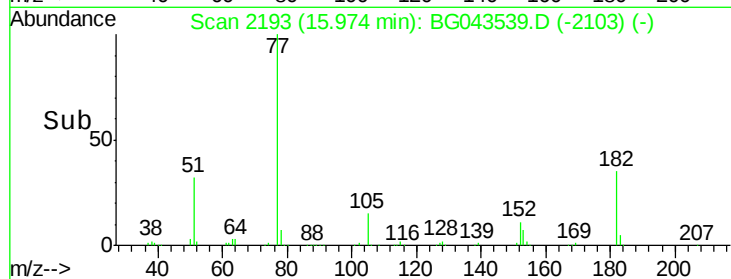
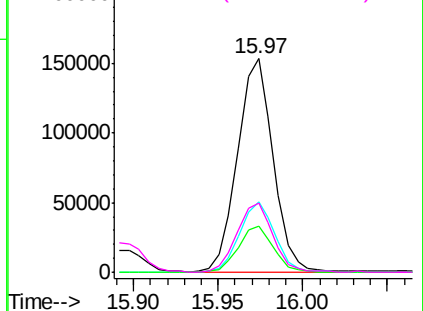
#63  
Azobenzene  
Concen: 37.507 ng  
RT: 15.97 min Scan# 2193  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

Tgt Ion: 77 Resp: 224759  
Ion Ratio Lower Upper  
77 100  
182 33.2 13.7 53.7  
105 21.4 0.4 40.4  
51 32.6 11.0 51.0

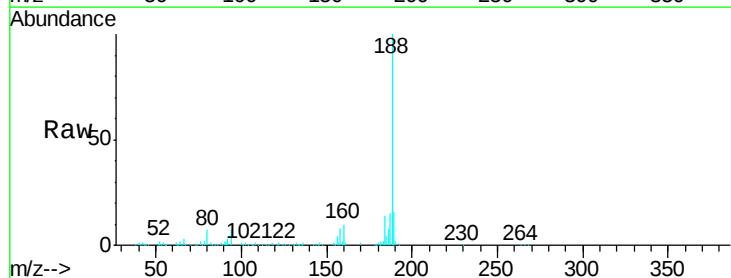


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

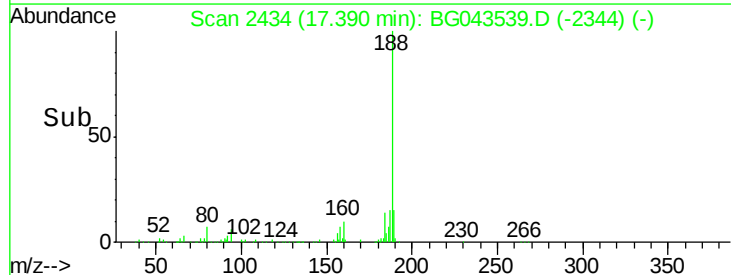
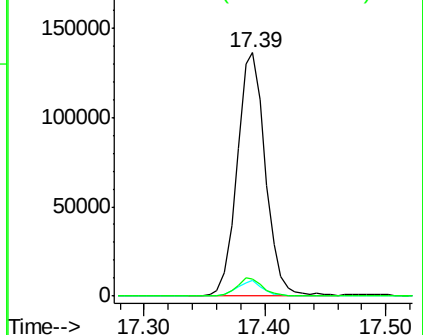


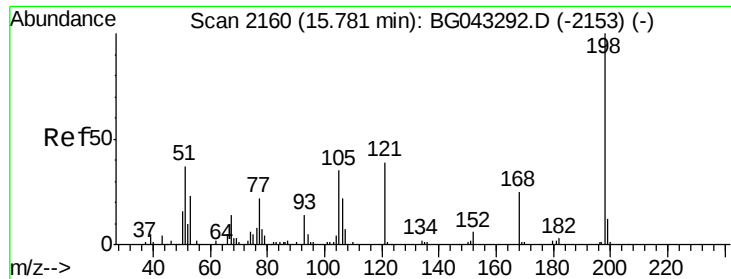
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2434  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Tgt Ion: 188 Resp: 222705  
Ion Ratio Lower Upper  
188 100  
94 6.5 4.2 6.4#  
80 7.0 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.893 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

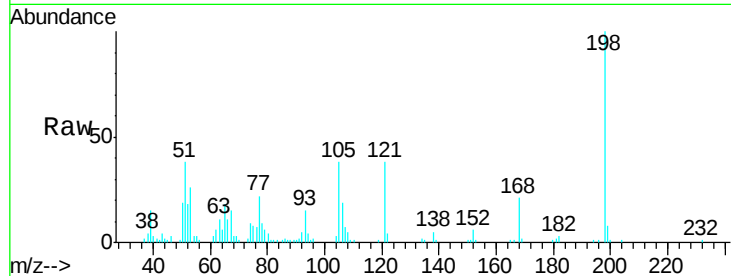
Tgt Ion:198 Resp: 54906

Ion Ratio Lower Upper

198 100

51 38.3 13.2 53.2

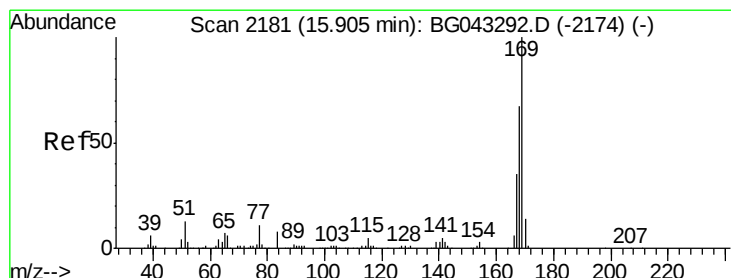
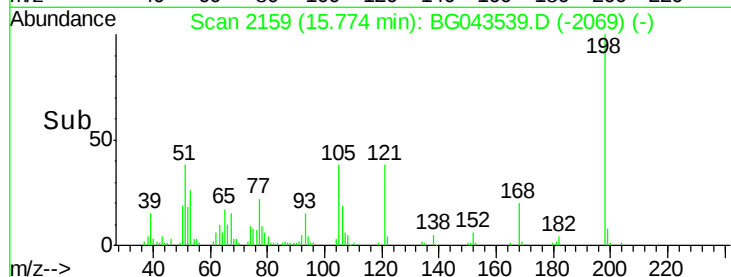
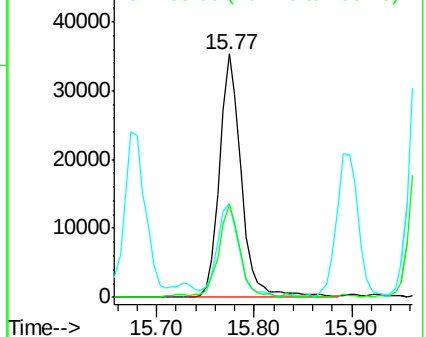
105 38.0 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043292.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.895 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

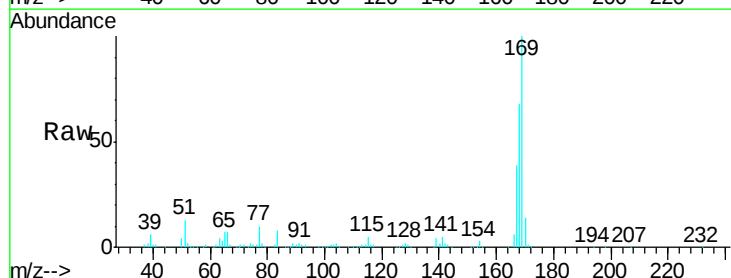
Tgt Ion:169 Resp: 238269

Ion Ratio Lower Upper

169 100

168 68.4 53.8 80.6

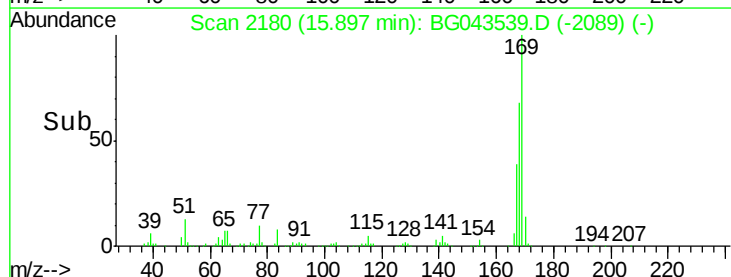
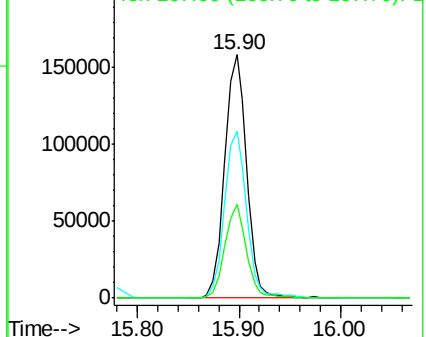
167 38.8 27.5 41.3

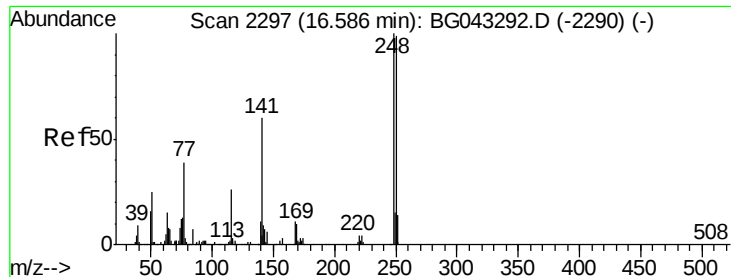


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

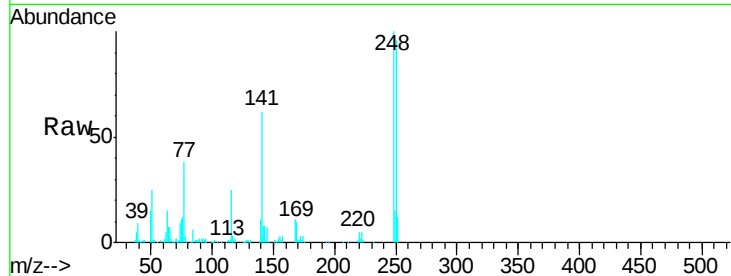




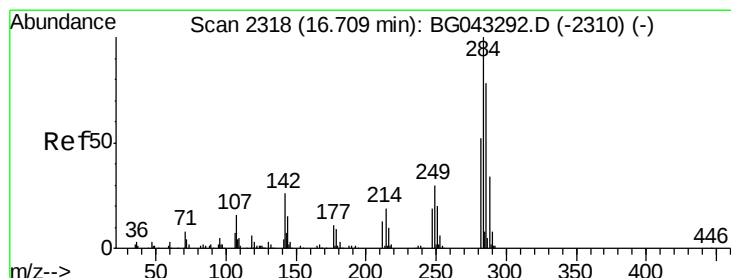
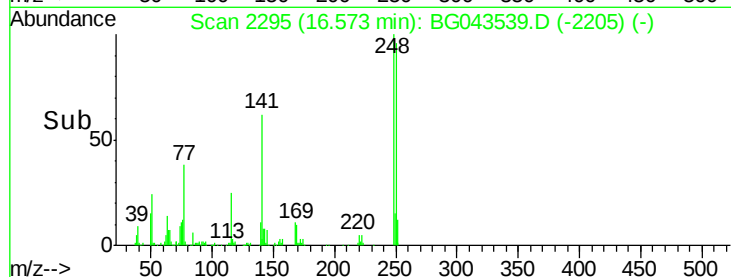
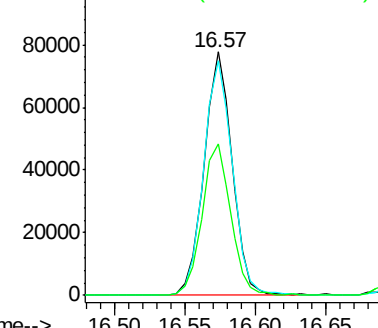
#67  
 4-Bromophenyl-phenylether  
 Concen: 35.990 ng  
 RT: 16.57 min Scan# 2295  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

Tgt Ion:248 Resp: 107866  
 Ion Ratio Lower Upper  
 248 100  
 250 96.3 77.0 115.4  
 141 62.1 47.5 71.3

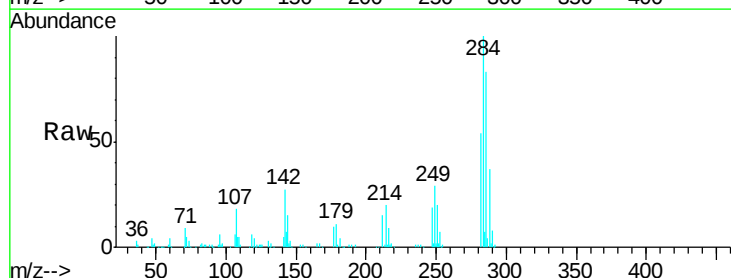


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

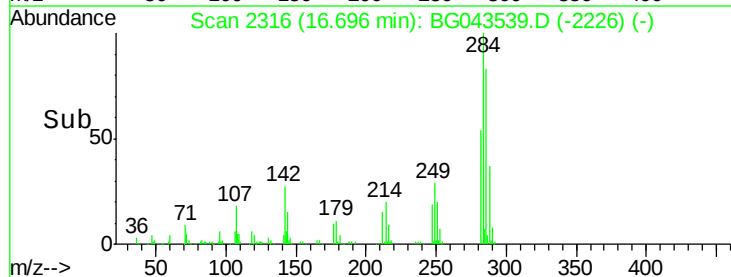
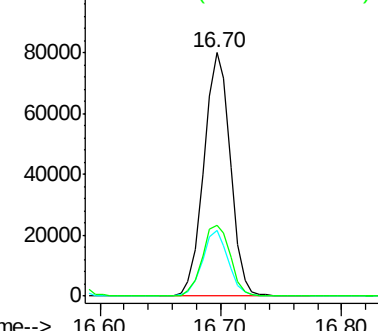


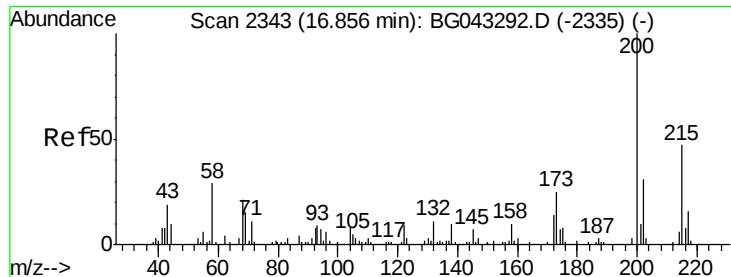
#68  
 Hexachlorobenzene  
 Concen: 35.394 ng  
 RT: 16.70 min Scan# 2316  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion:284 Resp: 121765  
 Ion Ratio Lower Upper  
 284 100  
 142 27.0 19.8 29.8  
 249 28.8 23.8 35.6



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

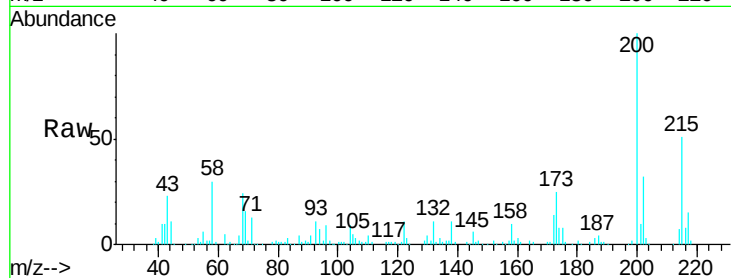




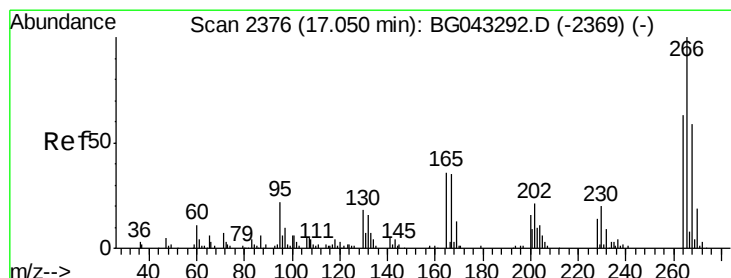
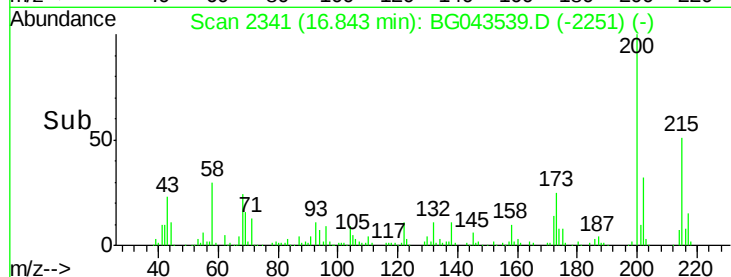
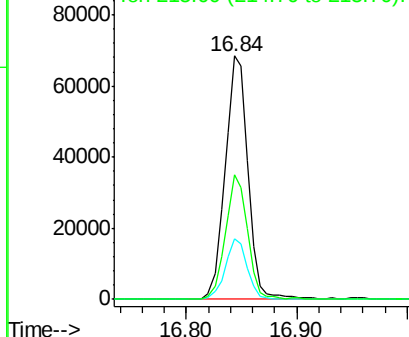
#69  
 Atrazine  
 Concen: 45.232 ng  
 RT: 16.84 min Scan# 2341  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

Tgt Ion:200 Resp: 98821  
 Ion Ratio Lower Upper  
 200 100  
 173 25.0 4.7 44.7  
 215 51.0 28.5 68.5

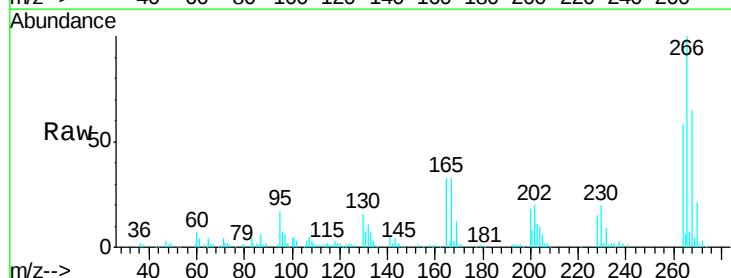


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

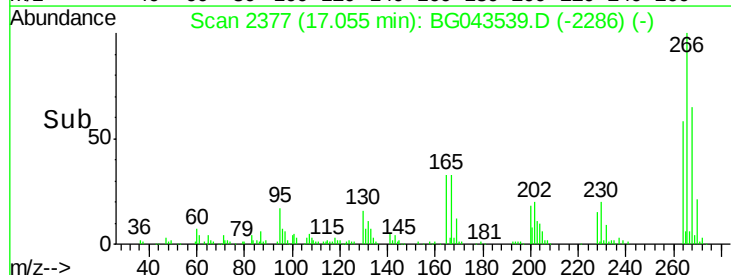
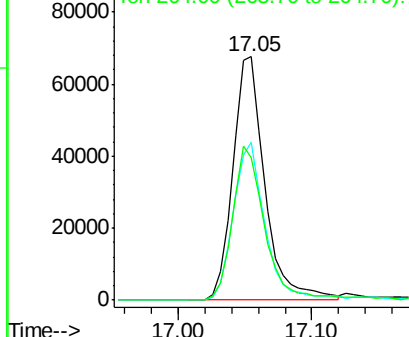


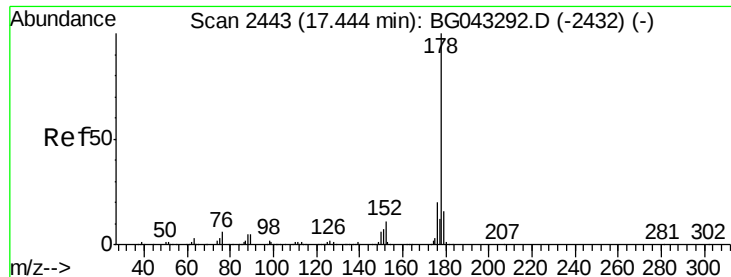
#70  
 Pentachlorophenol  
 Concen: 71.914 ng  
 RT: 17.05 min Scan# 2377  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion:266 Resp: 112734  
 Ion Ratio Lower Upper  
 266 100  
 268 64.7 50.4 75.6  
 264 58.5 48.9 73.3



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

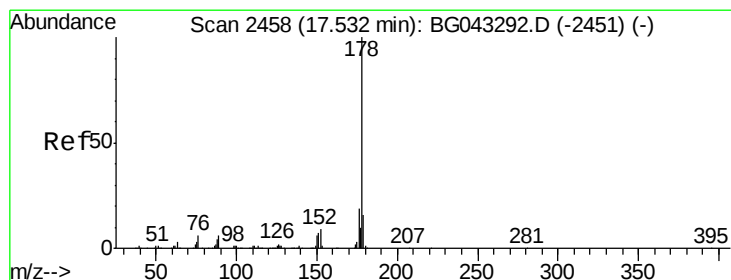
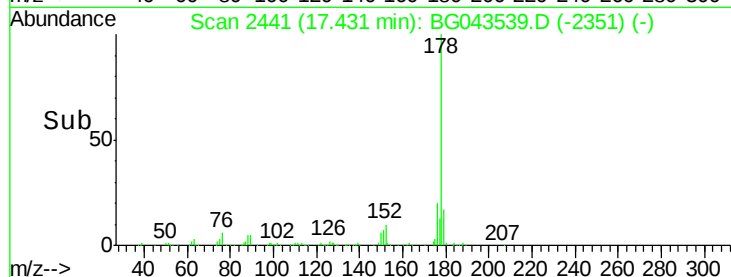
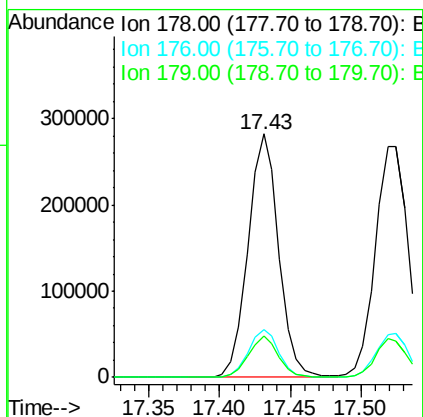
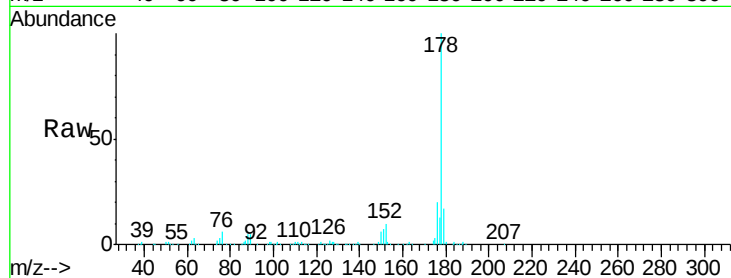




#71  
 Phenanthrene  
 Concen: 37.670 ng  
 RT: 17.43 min Scan# 2441  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

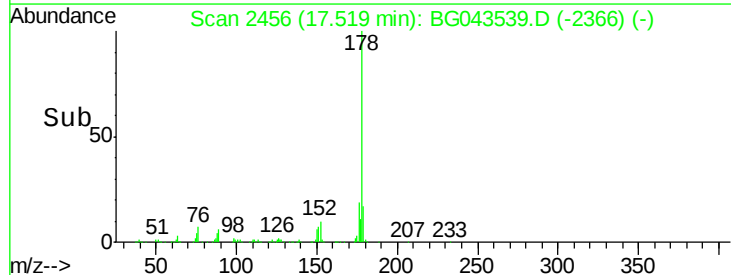
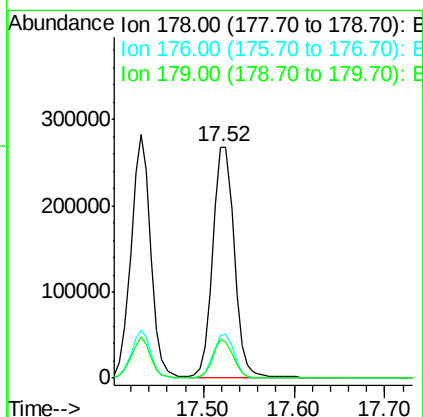
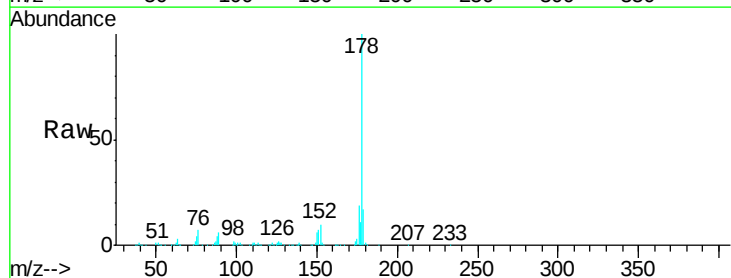
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

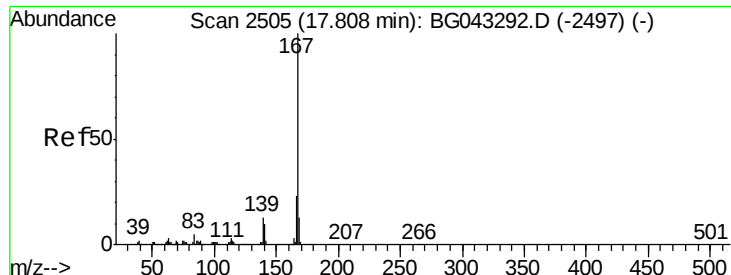
Tgt Ion:178 Resp: 429591  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 15.4 23.0  
 179 17.0 13.0 19.6



#72  
 Anthracene  
 Concen: 38.798 ng  
 RT: 17.52 min Scan# 2456  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

Tgt Ion:178 Resp: 442693  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 15.5 23.3  
 179 16.7 13.7 20.5

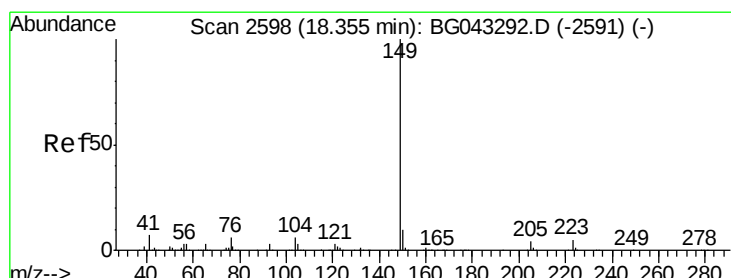
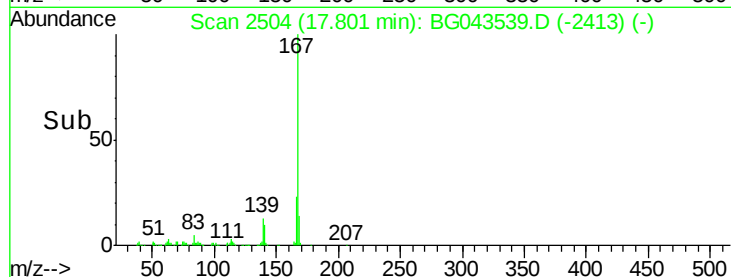
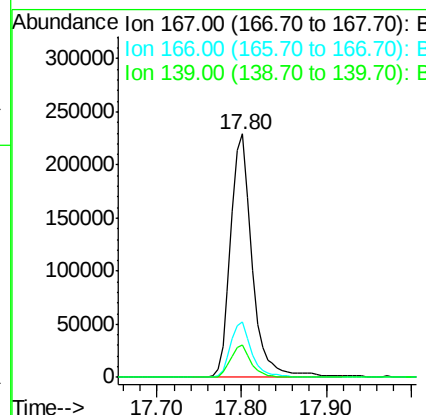
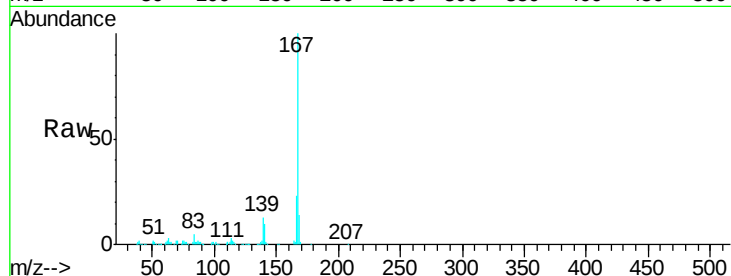




#73  
 Carbazole  
 Concen: 39.161 ng  
 RT: 17.80 min Scan# 2504  
 Delta R.T. 0.01 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

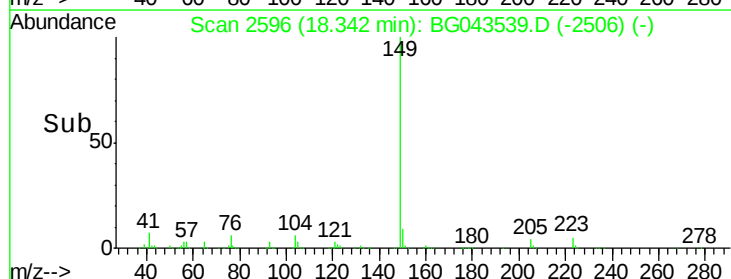
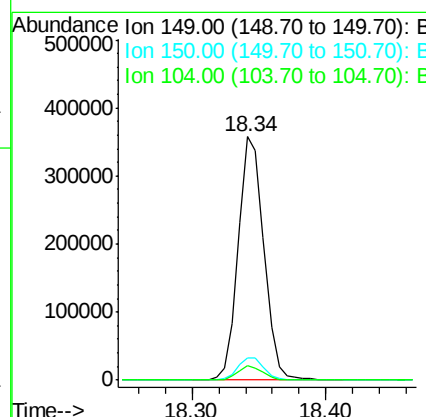
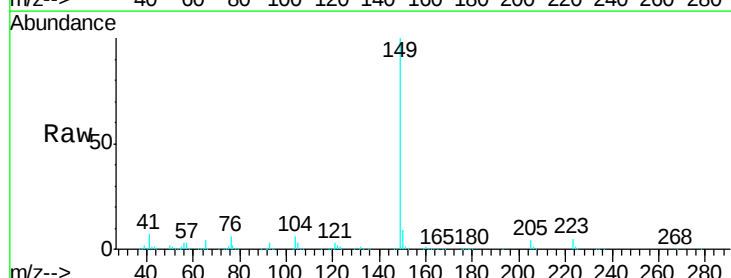
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124565BS

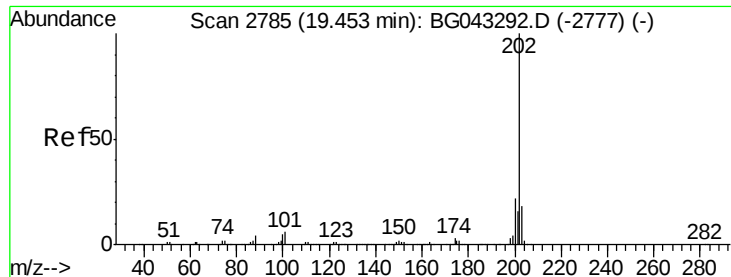
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.7  | 18.7  | 28.1  |
| 139     | 13.1  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 38.167 ng  
 RT: 18.34 min Scan# 2596  
 Delta R.T. -0.00 min  
 Lab File: BG043539.D  
 Acq: 7 Nov 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 8.0   | 12.0  |
| 104     | 6.1   | 4.4   | 6.6   |





#75

Fluoranthene

Concen: 38.915 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

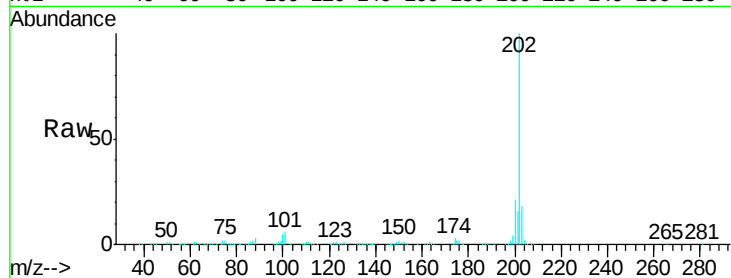
Tgt Ion:202 Resp: 578572

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.3

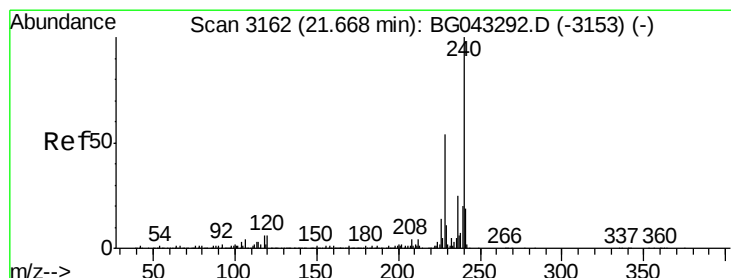
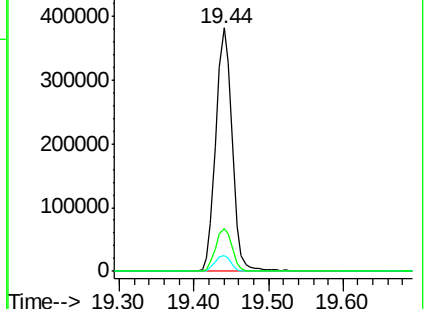
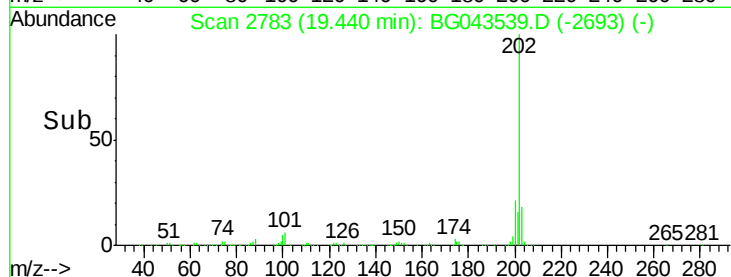
203 17.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

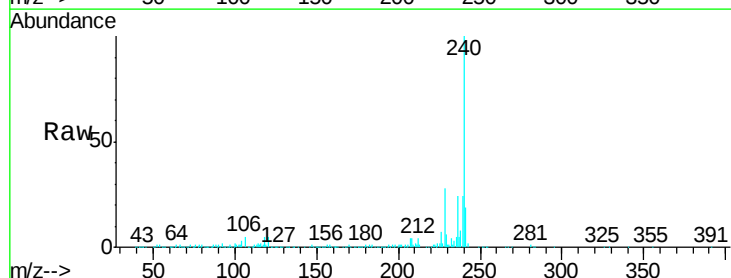
Tgt Ion:240 Resp: 244357

Ion Ratio Lower Upper

240 100

120 4.8 4.6 6.8

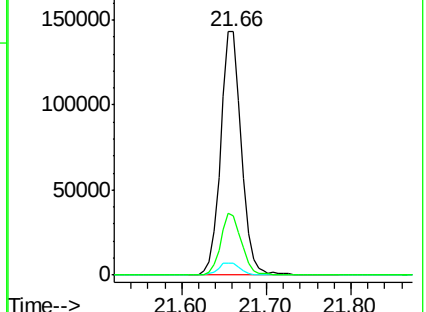
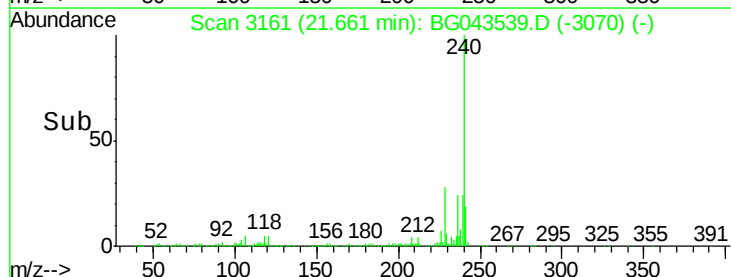
236 24.1 19.8 29.8

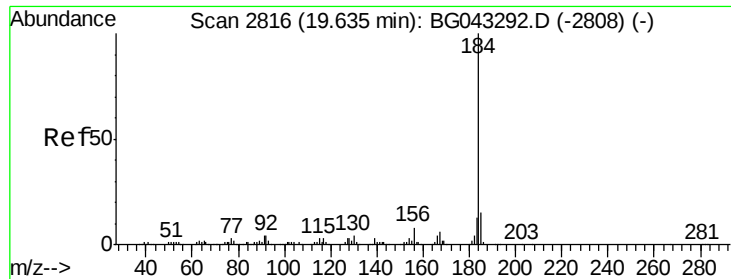


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.942 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

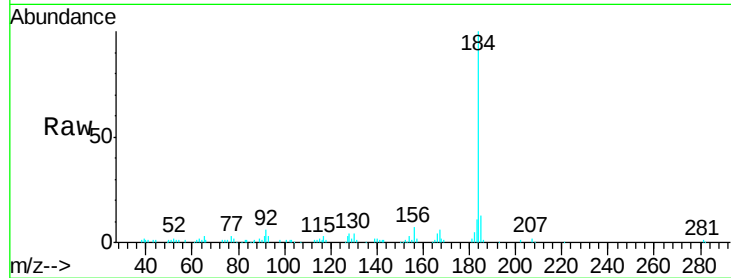
Tgt Ion:184 Resp: 98068

Ion Ratio Lower Upper

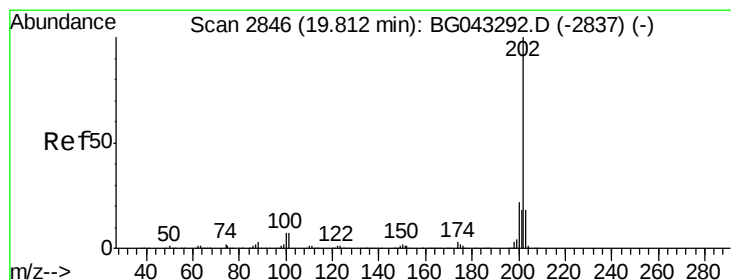
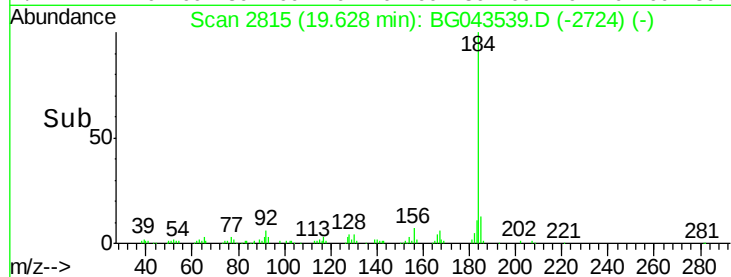
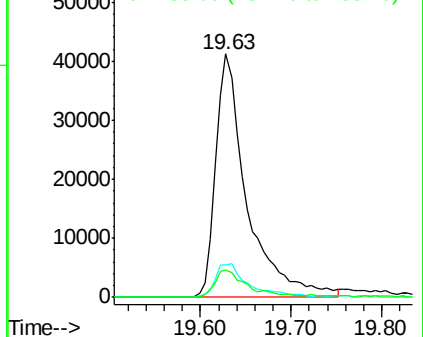
184 100

185 13.2 11.0 16.4

183 11.0 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.201 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

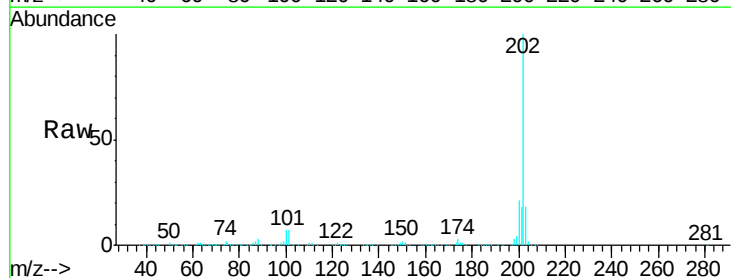
Tgt Ion:202 Resp: 592925

Ion Ratio Lower Upper

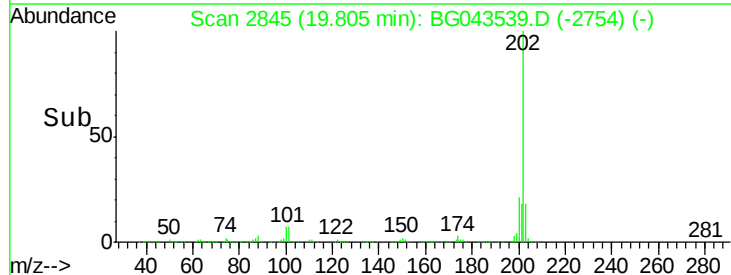
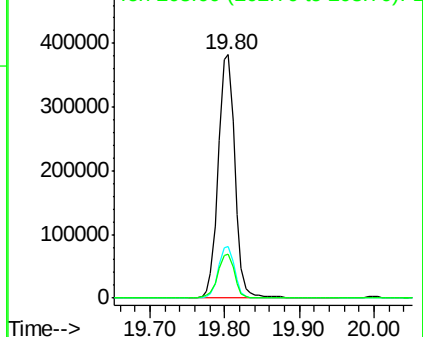
202 100

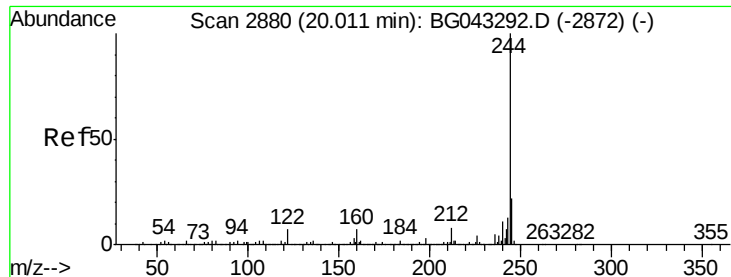
200 21.2 17.0 25.4

203 18.1 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.133 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

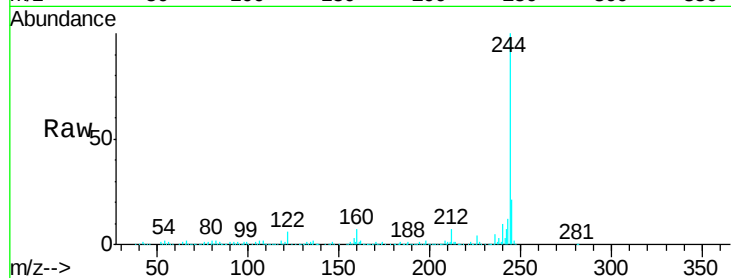
Tgt Ion:244 Resp: 783231

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

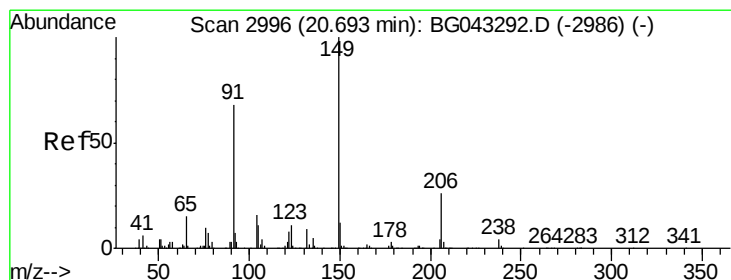
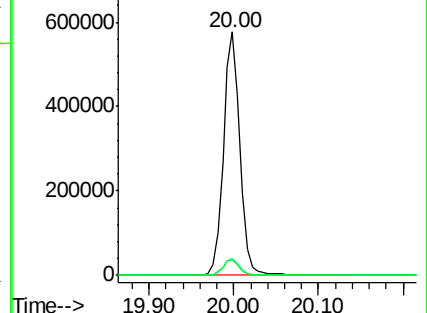
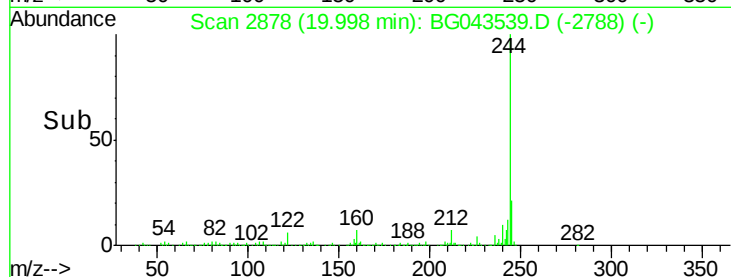
122 6.4 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.911 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

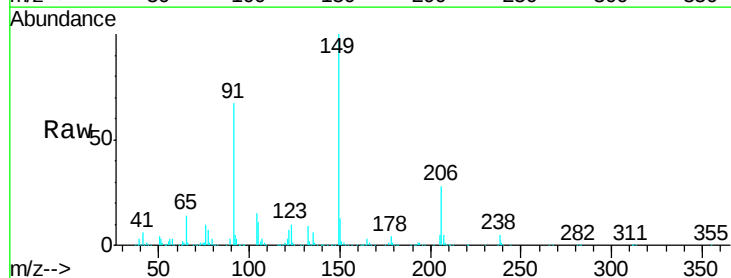
Tgt Ion:149 Resp: 217248

Ion Ratio Lower Upper

149 100

91 67.3 51.2 76.8

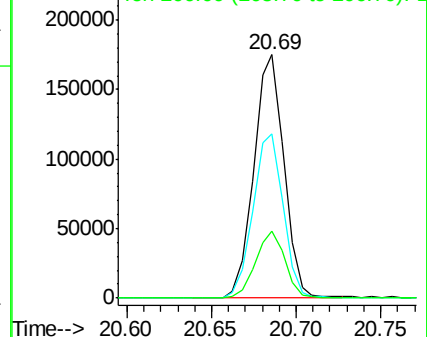
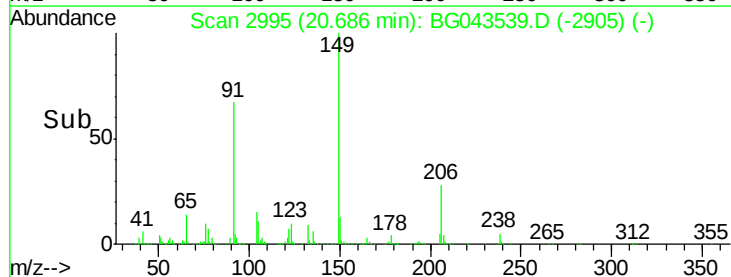
206 27.8 22.5 33.7

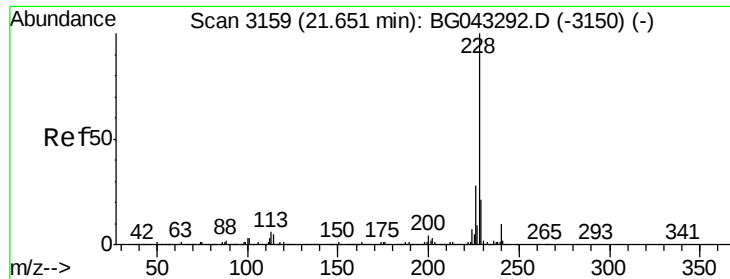


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.679 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

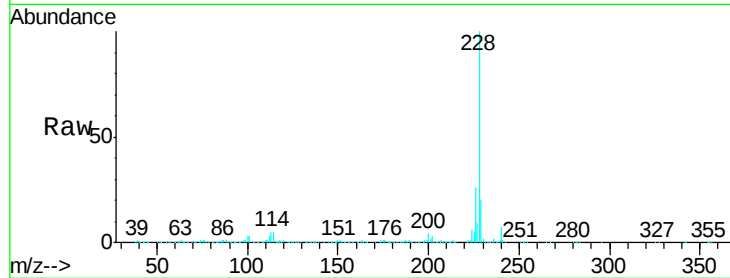
Tgt Ion:228 Resp: 592027

Ion Ratio Lower Upper

228 100

226 26.4 22.2 33.2

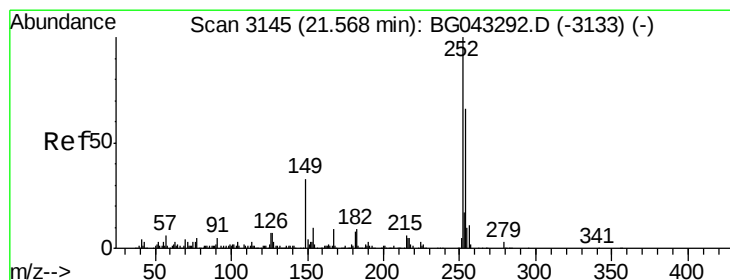
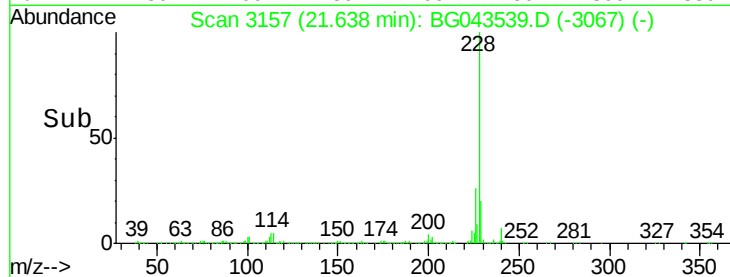
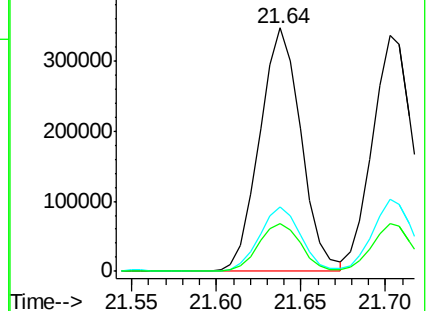
229 19.5 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.442 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

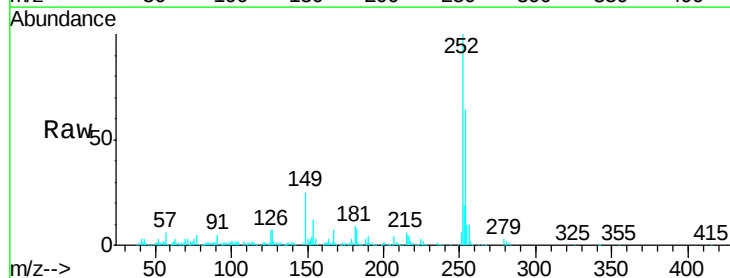
Tgt Ion:252 Resp: 186142

Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

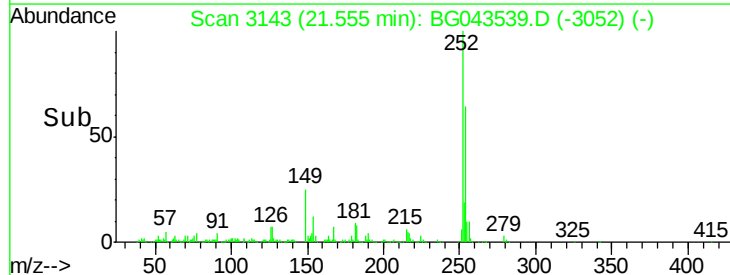
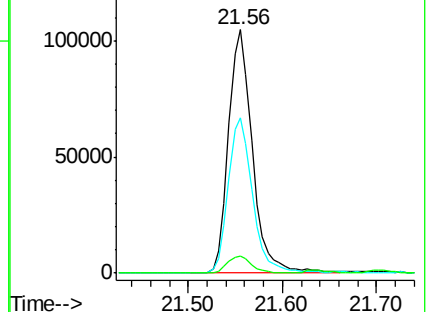
126 6.9 6.1 9.1

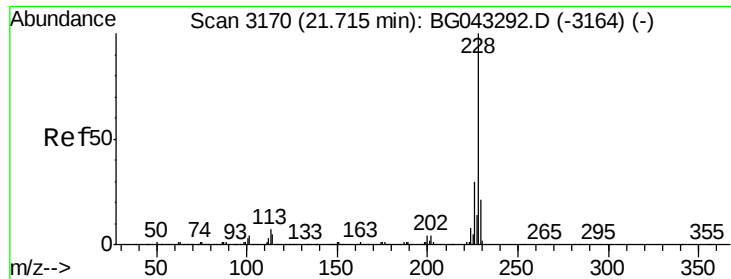


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.170 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

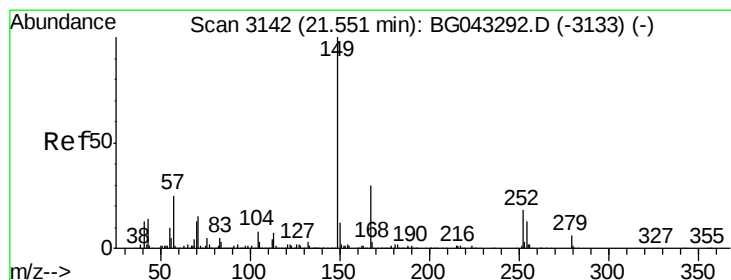
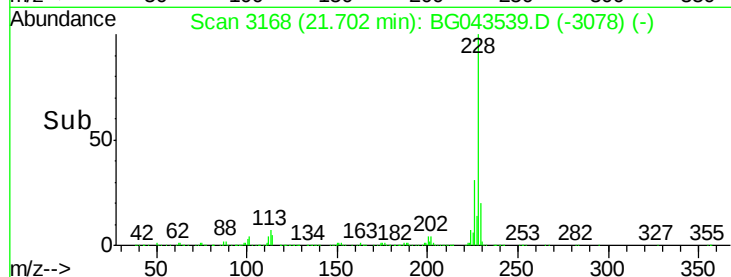
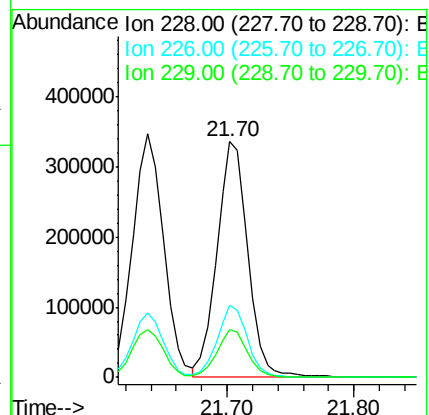
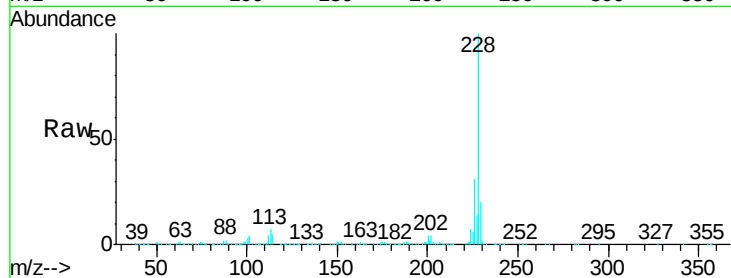
Tgt Ion:228 Resp: 565282

Ion Ratio Lower Upper

228 100

226 30.5 25.1 37.7

229 20.5 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.890 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

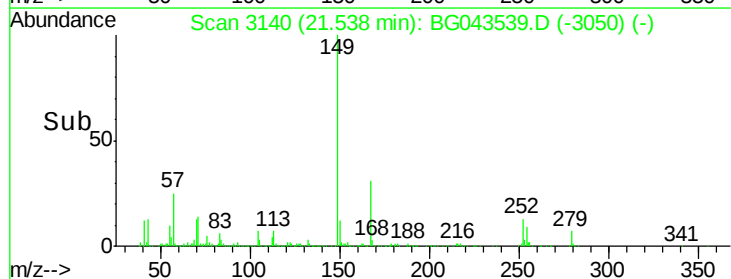
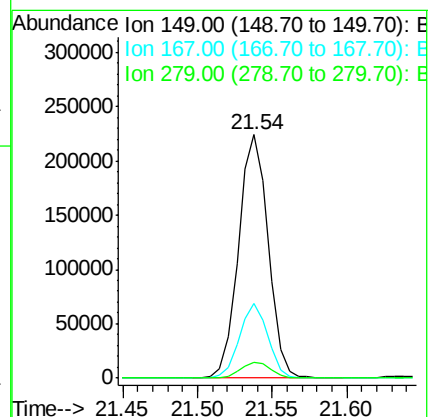
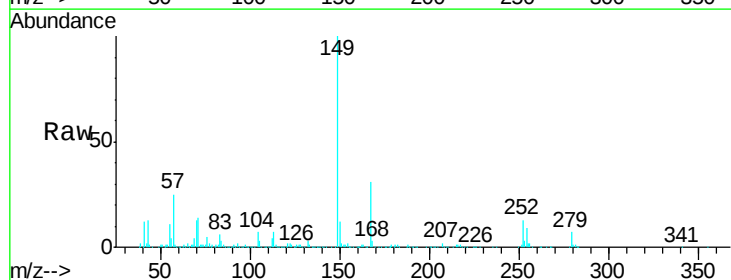
Tgt Ion:149 Resp: 308433

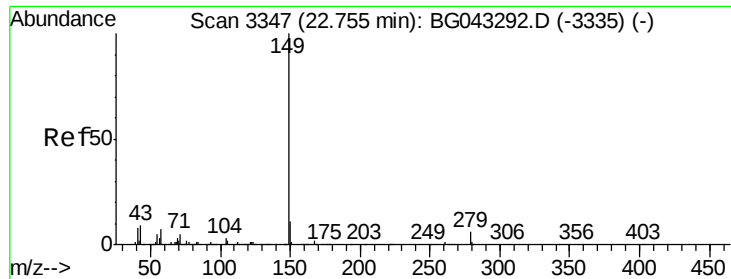
Ion Ratio Lower Upper

149 100

167 30.8 24.0 36.0

279 6.7 5.4 8.2





#85

Di-n-octyl phthalate

Concen: 37.429 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA\_G

ClientSampleId :

PB124565BS

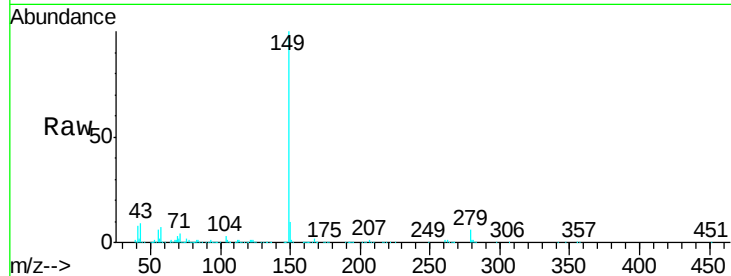
Tgt Ion:149 Resp: 516900

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

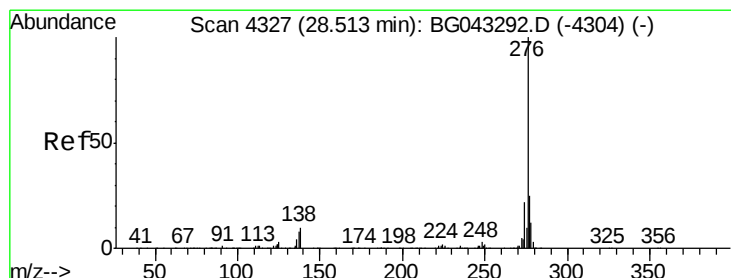
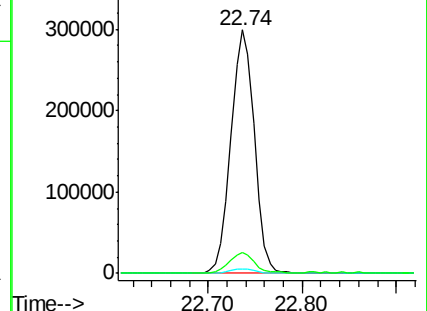
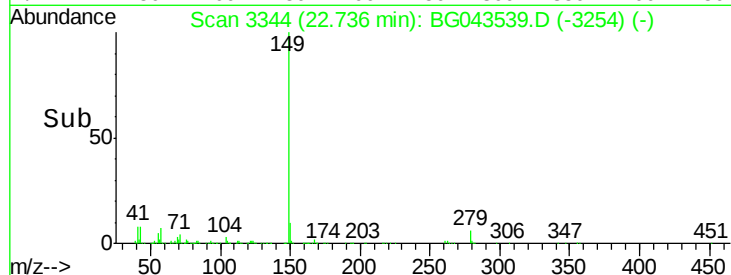
43 9.0 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.208 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

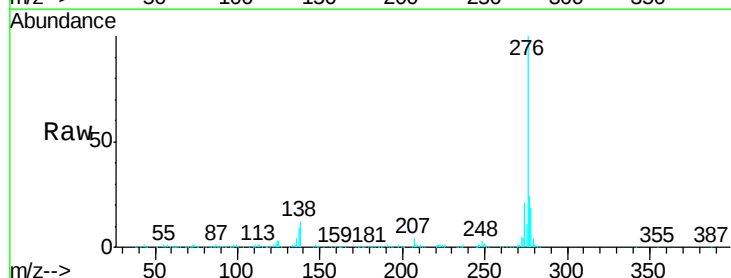
Tgt Ion:276 Resp: 710302

Ion Ratio Lower Upper

276 100

138 14.2 6.8 10.2#

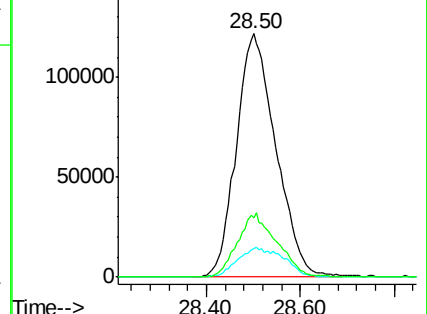
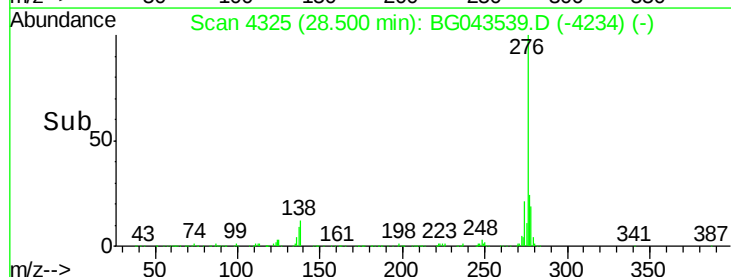
277 26.0 20.9 31.3

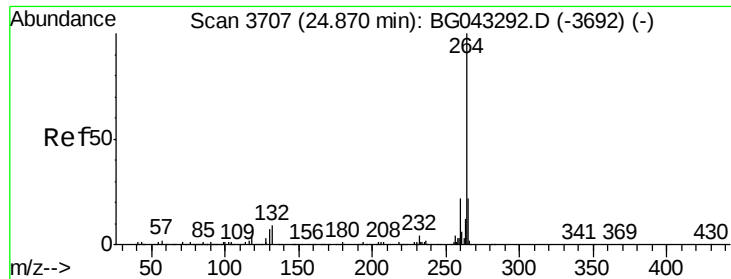


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



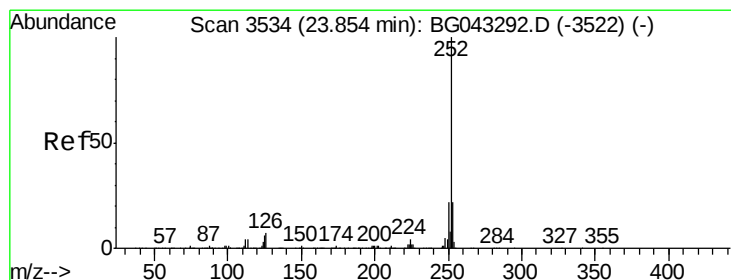
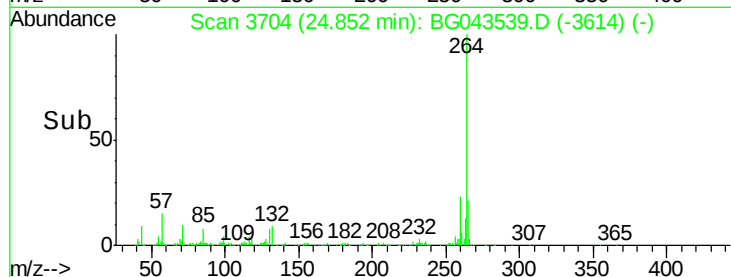
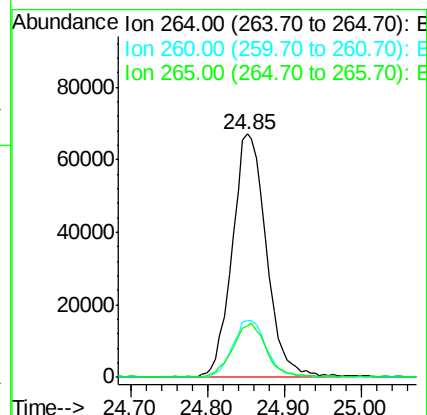
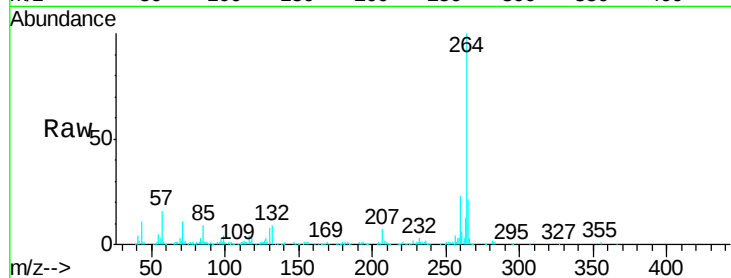


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.85 min Scan# 3704  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

Tgt Ion: 264 Resp: 207974  

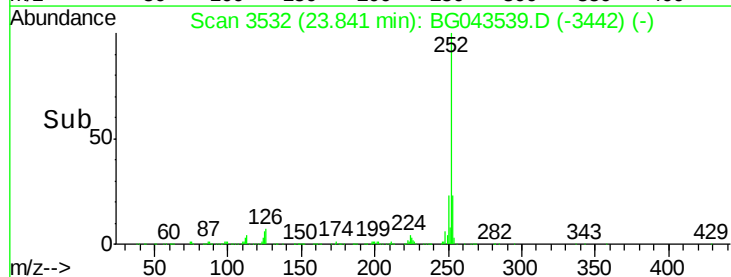
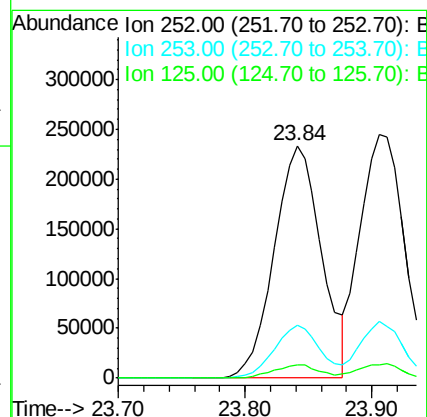
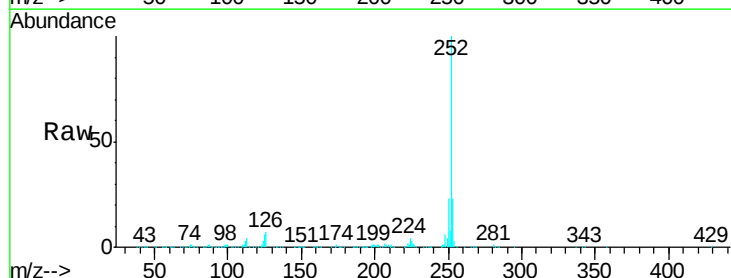
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 17.5  | 26.3  |
| 265 | 21.4  | 17.4  | 26.0  |

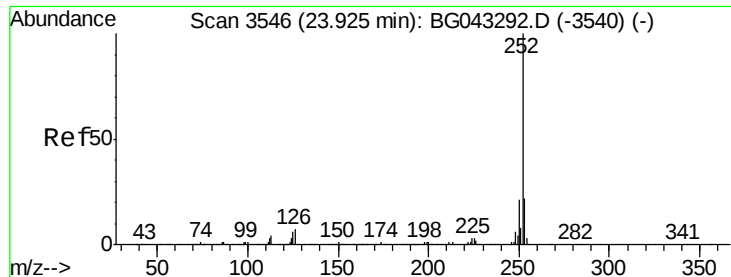


#88  
Benzo(b)fluoranthene  
Concen: 51.426 ng  
RT: 23.84 min Scan# 3532  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Tgt Ion: 252 Resp: 605741  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.7  | 17.7  | 26.5  |
| 125 | 6.0   | 4.5   | 6.7   |

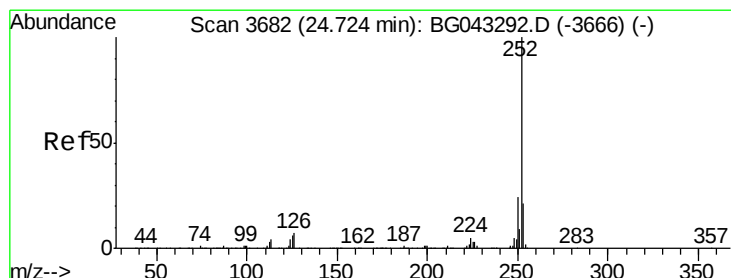
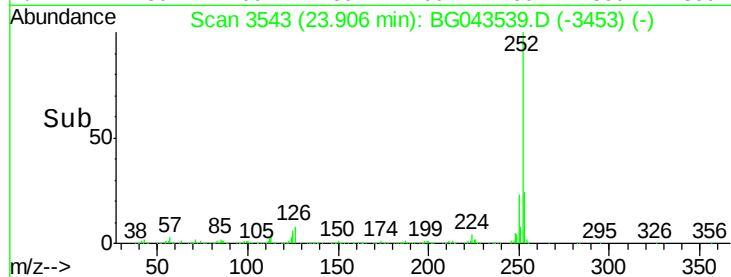
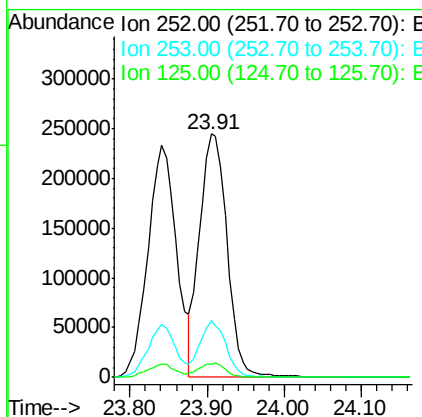
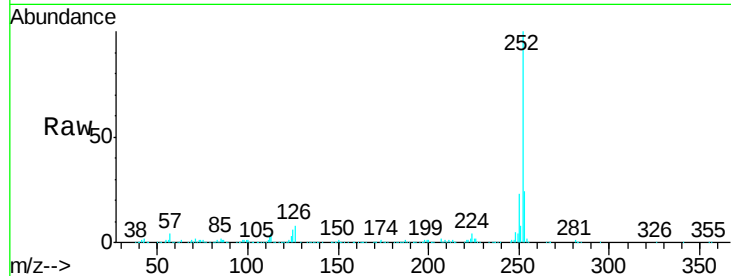




#89  
Benzo(k)fluoranthene  
Concen: 50.687 ng  
RT: 23.91 min Scan# 3543  
Delta R.T. -0.00 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

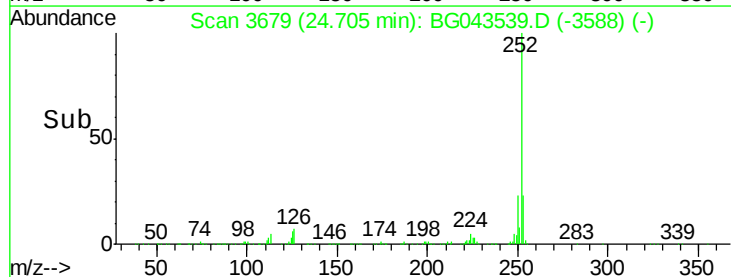
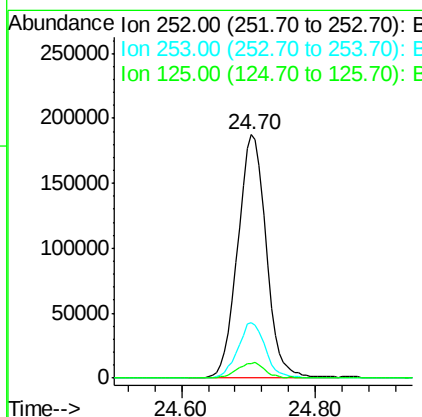
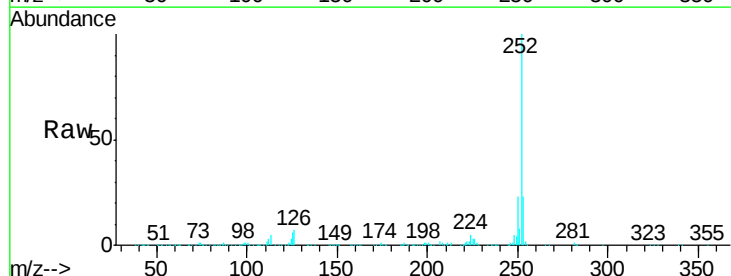
Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

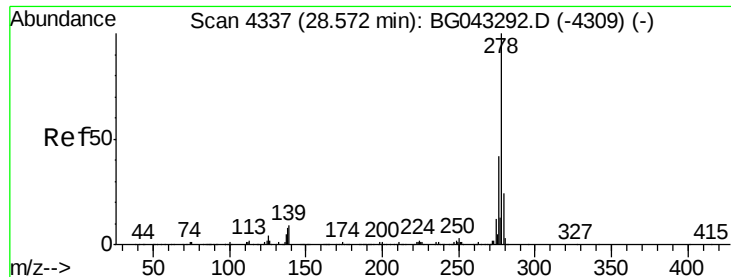
Tgt Ion:252 Resp: 601046  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.3 25.9  
125 5.5 4.6 6.8



#90  
Benzo(a)pyrene  
Concen: 49.050 ng  
RT: 24.70 min Scan# 3679  
Delta R.T. 0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Tgt Ion:252 Resp: 551723  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 5.8 5.4 8.2



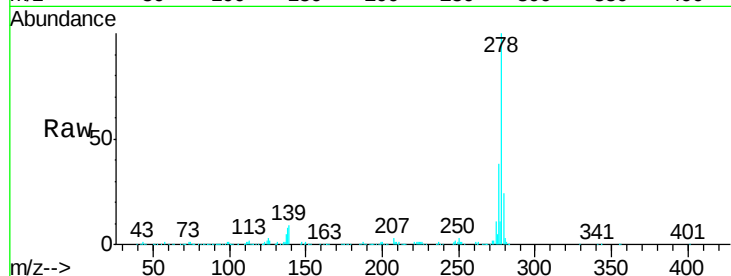


#91  
Dibenzo(a,h)anthracene  
Concen: 52.971 ng  
RT: 28.56 min Scan# 4335  
Delta R.T. 0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

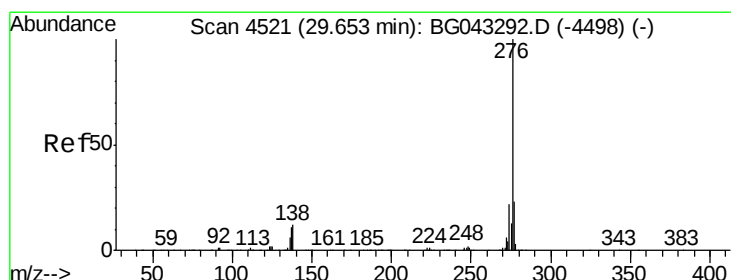
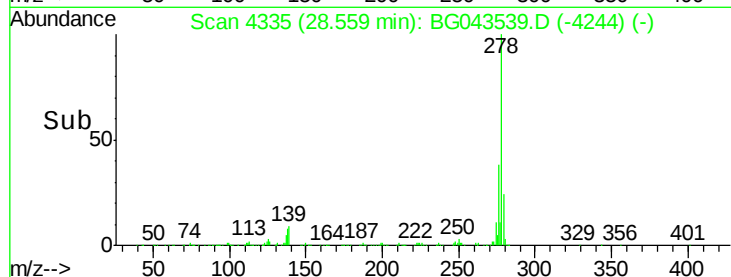
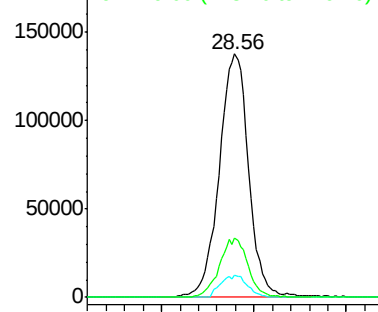
Instrument :  
BNA\_G  
ClientSampleId :  
PB124565BS

Tgt Ion: 278 Resp: 609443  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 9.1   | 7.4   | 11.0  |
| 279 | 24.4  | 19.1  | 28.7  |



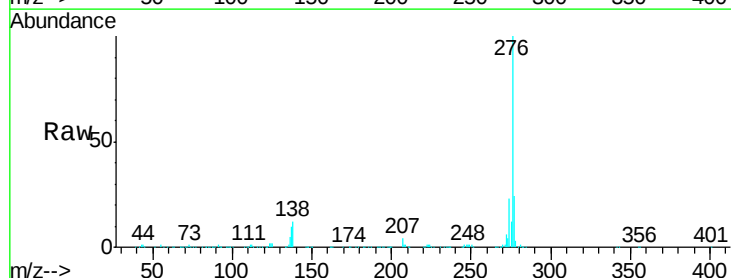
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 53.199 ng  
RT: 29.64 min Scan# 4519  
Delta R.T. 0.01 min  
Lab File: BG043539.D  
Acq: 7 Nov 2019 15:00

Tgt Ion: 276 Resp: 603741  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 18.9  | 28.3  |
| 138 | 11.8  | 8.9   | 13.3  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

