

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\  
 Data File : BG044044.D  
 Acq On : 14 Jan 2020 20:05  
 Operator : JU  
 Sample : L1108-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jan 14 23:51:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 131570   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.75 | 136  | 554117   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.58 | 164  | 337869   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.32 | 188  | 660101   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.58 | 240  | 550800   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.77 | 264  | 625171   | 20.00 | ng    | 0.05     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.53  | 112 | 797693  | 111.32 | ng | 0.00  |
| 7) Phenol-d6             | 7.12  | 99  | 1108197 | 110.64 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.10  | 82  | 648581  | 62.62  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.07 | 330 | 366760  | 103.73 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 13.20 | 172 | 1370464 | 73.49  | ng | -0.02 |
| 79) Terphenyl-d14        | 19.94 | 244 | 1641027 | 67.87  | ng | -0.02 |

## Target Compounds

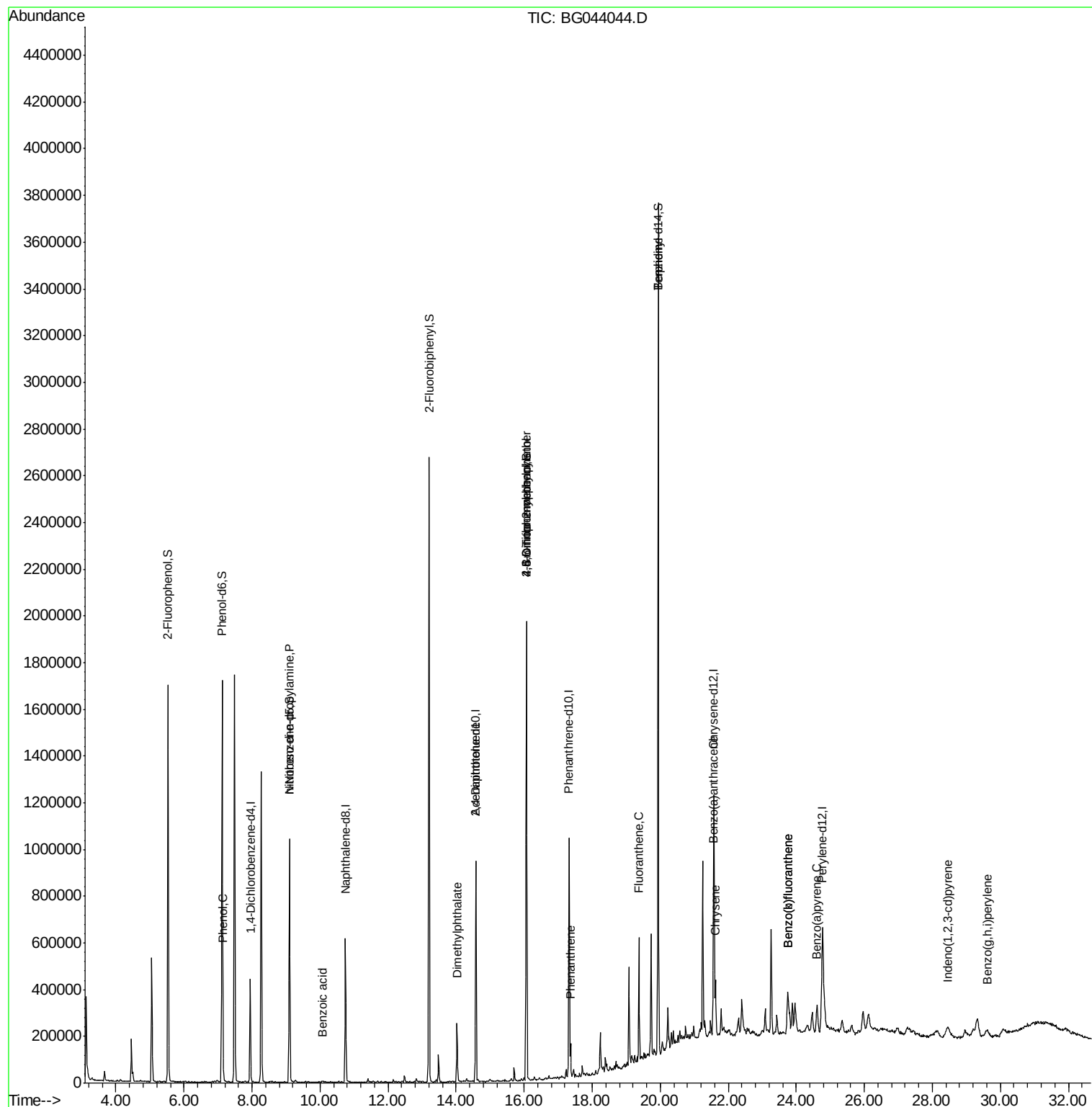
|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 10) Phenol                     | 7.15  | 94  | 42670  | 4.135  | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 9.10  | 70  | 86461  | 11.591 | ng | # 78   |
| 32) Benzoic acid               | 10.06 | 122 | 136    | 6.282  | ng | # 23   |
| 50) Dimethylphthalate          | 14.03 | 163 | 177479 | 7.398  | ng | 97     |
| 57) 2,4-Dinitrotoluene         | 14.58 | 165 | 44041  | 5.969  | ng | # 27   |
| 65) 4,6-Dinitro-2-methylphenol | 16.06 | 198 | 1275   | 4.730  | ng | # 1    |
| 67) 4-Bromophenyl-phenylether  | 16.07 | 248 | 26009  | 3.503  | ng | # 1    |
| 71) Phenanthrene               | 17.36 | 178 | 89245  | 2.819  | ng | 94     |
| 75) Fluoranthene               | 19.37 | 202 | 320481 | 8.851  | ng | 93     |
| 77) Benzidine                  | 19.94 | 184 | 29531  | 2.133  | ng | # 94   |
| 81) Benzo(a)anthracene         | 21.56 | 228 | 183615 | 5.376  | ng | 94     |
| 83) Chrysene                   | 21.62 | 228 | 160043 | 4.932  | ng | 95     |
| 86) Indeno(1,2,3-cd)pyrene     | 28.45 | 276 | 111859 | 2.536  | ng | # 69   |
| 88) Benzo(b)fluoranthene       | 23.75 | 252 | 311706 | 8.434  | ng | 98     |
| 89) Benzo(k)fluoranthene       | 23.75 | 252 | 311706 | 8.869  | ng | 99     |
| 90) Benzo(a)pyrene             | 24.62 | 252 | 168564 | 4.832  | ng | 98     |
| 92) Benzo(a,h,i)perylene       | 29.62 | 276 | 103479 | 2.974  | ng | 94     |

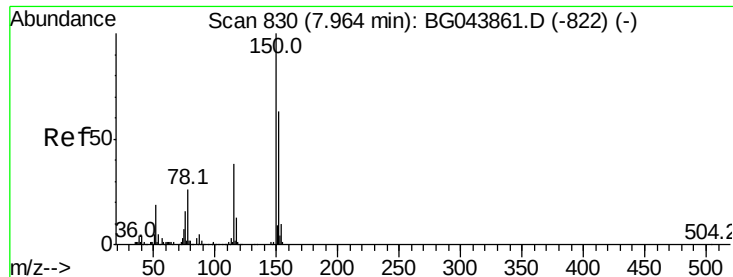
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\  
Data File : BG044044.D  
Acq On : 14 Jan 2020 20:05  
Operator : JU  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :

Quant Time: Jan 14 23:51:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 31 13:32:23 2019  
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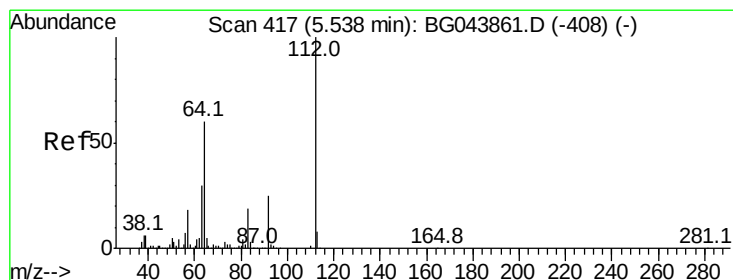
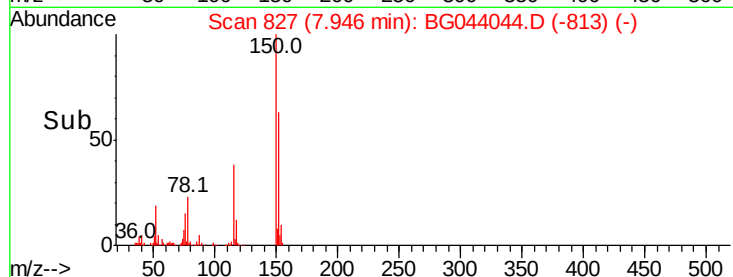
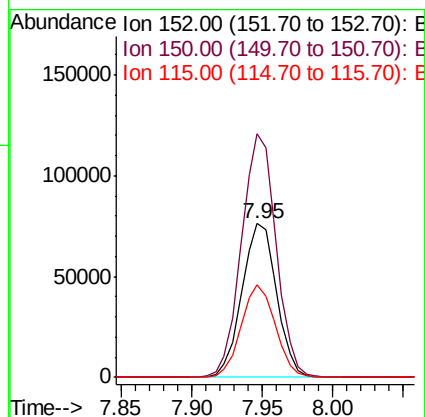
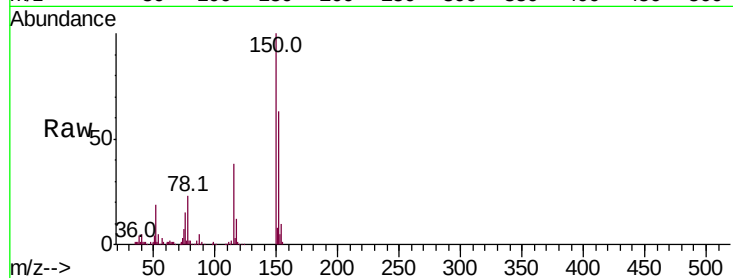


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.02 min  
Lab File: BG044044.D  
Acq: 14 Jan 2020 20:05

Instrument :  
BNA\_G  
ClientSampled :

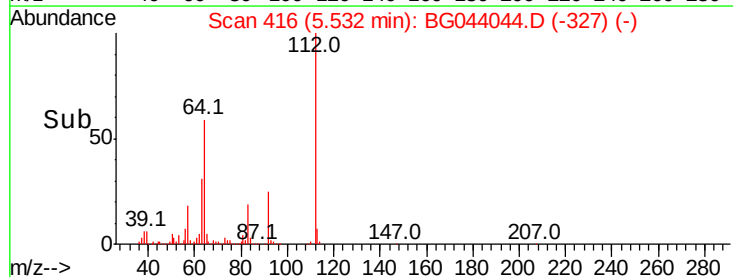
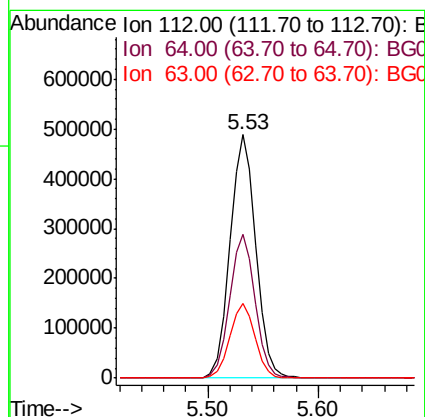
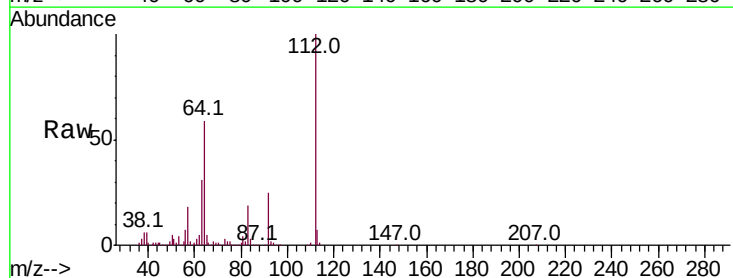
Tot Ion:152 Resp: 131570  
Ion Ratio Lower Upper  
152 100  
150 158.5 127.0 190.4  
115 60.5 47.8 71.8

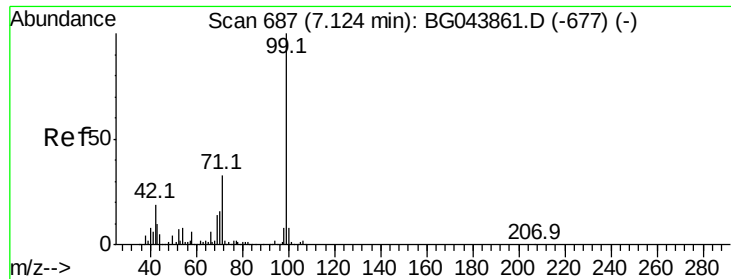


#5

2-Fluorophenol  
Concen: 111.322 ng  
RT: 5.53 min Scan# 416  
Delta R.T. -0.01 min  
Lab File: BG044044.D  
Acq: 14 Jan 2020 20:05

Tgt Ion:112 Resp: 797693  
Ion Ratio Lower Upper  
112 100  
64 59.1 47.8 71.6  
63 30.7 24.3 36.5





#7

Phenol-d6

Concen: 110.640 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

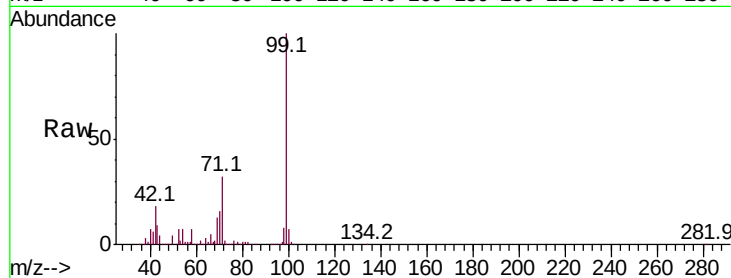
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 99 Resp: 1108197

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.1  | 14.9  | 22.3  |
| 71  | 32.2  | 26.4  | 39.6  |



Abundance

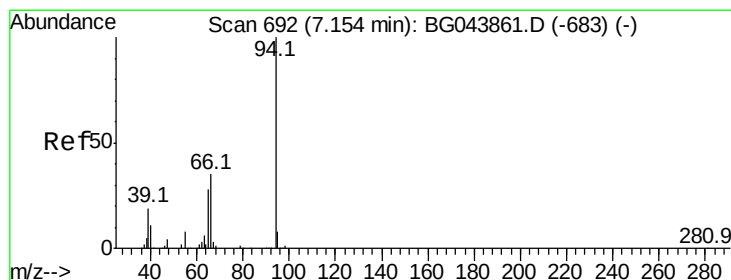
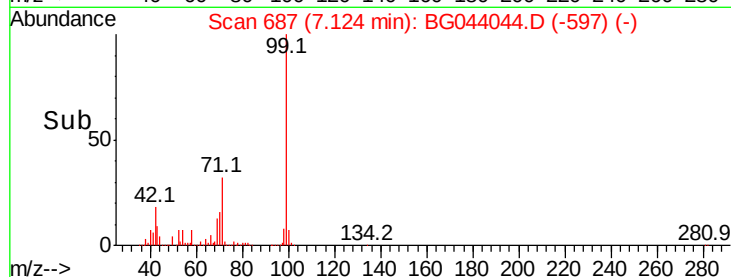
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.12

Time-->



#10

Phenol

Concen: 4.135 ng

RT: 7.15 min Scan# 691

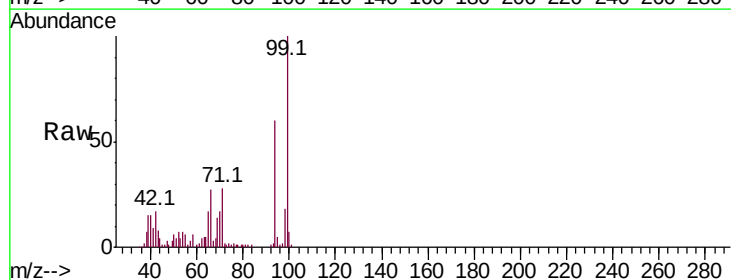
Delta R.T. -0.01 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Tgt Ion: 94 Resp: 42670

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 28.6  | 8.1   | 48.1  |
| 66  | 45.0  | 15.6  | 55.6  |



Abundance

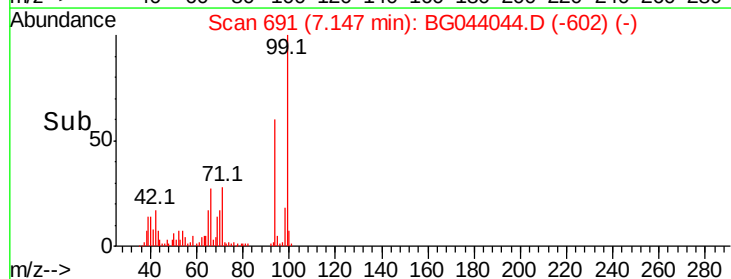
Ion 94.00 (93.70 to 94.70): BGC

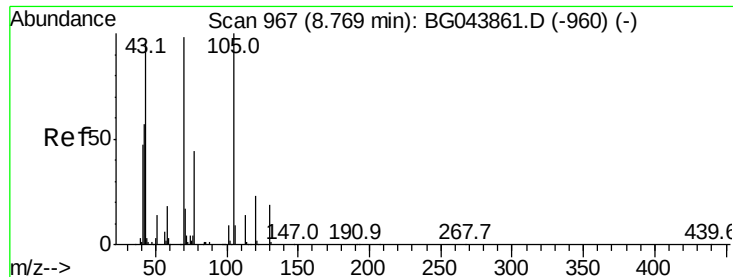
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.15

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 11.591 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.33 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 86461

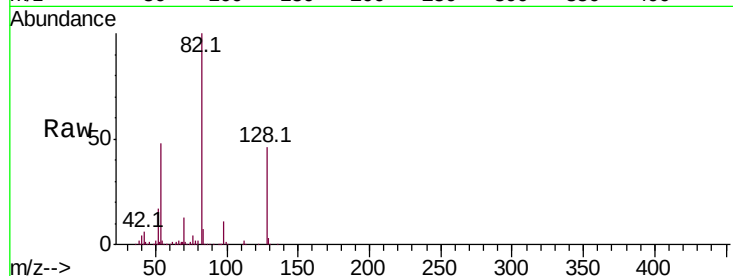
Ion Ratio Lower Upper

70 100

42 46.9 47.0 70.4#

101 0.0 7.2 10.8#

130 2.3 15.6 23.4#

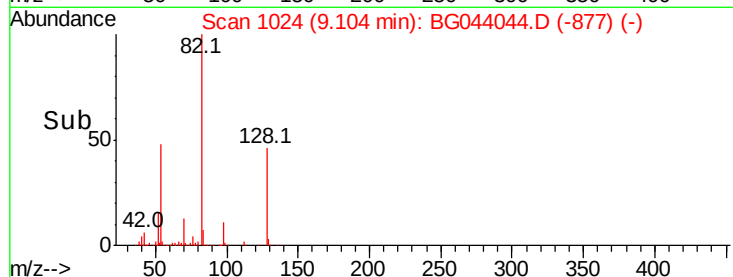
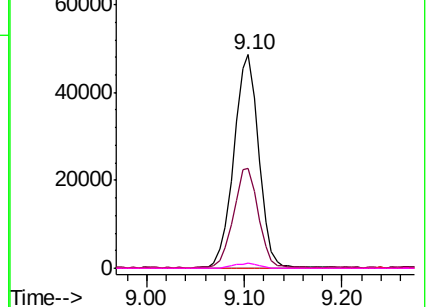


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Tgt Ion: 136 Resp: 554117

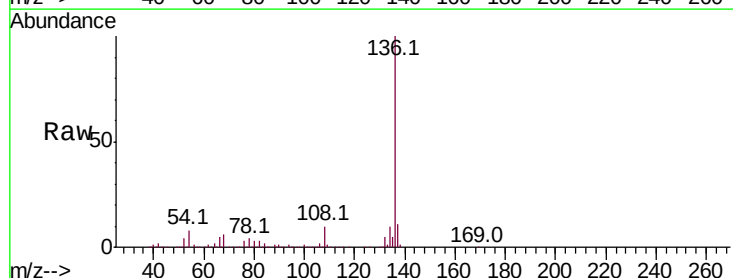
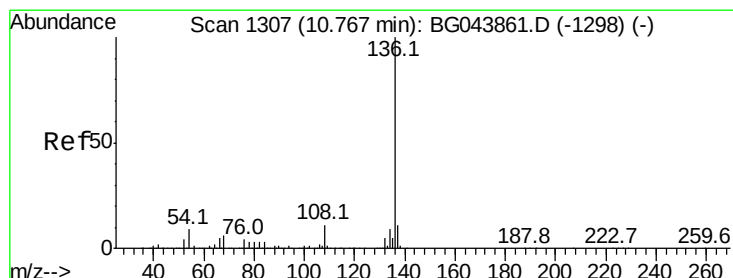
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.1 7.0 10.4

68 6.3 4.9 7.3

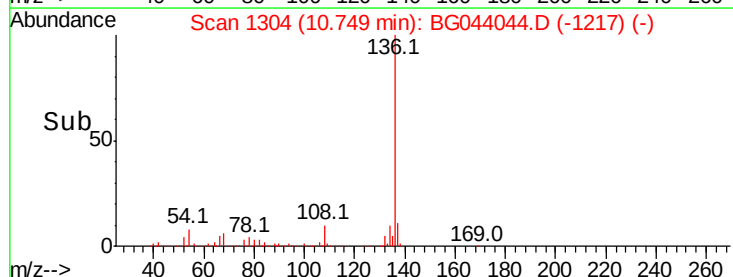
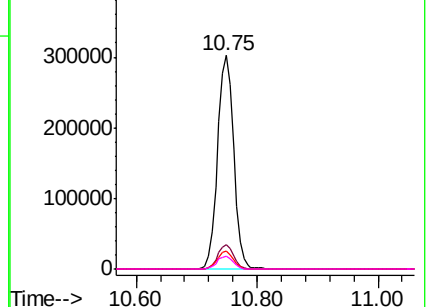


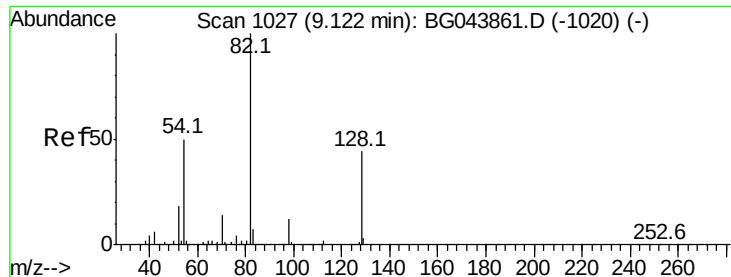
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

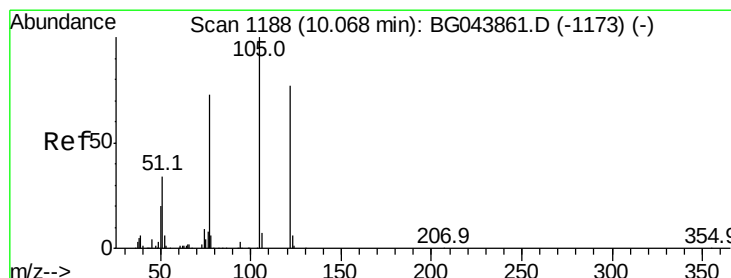
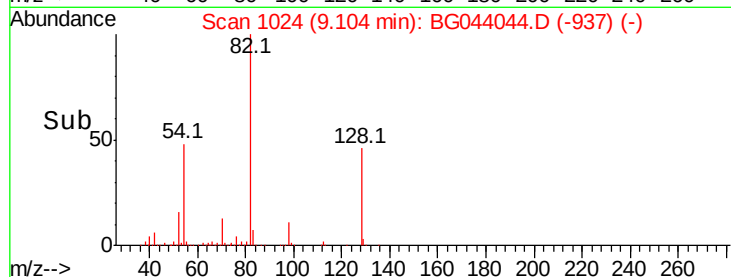
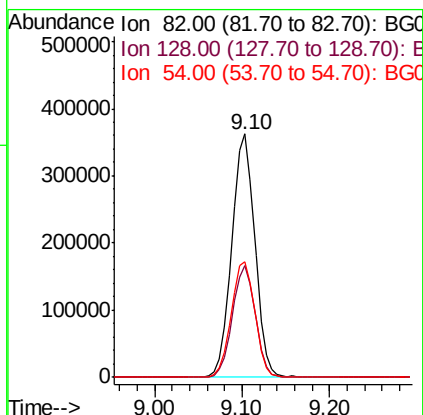
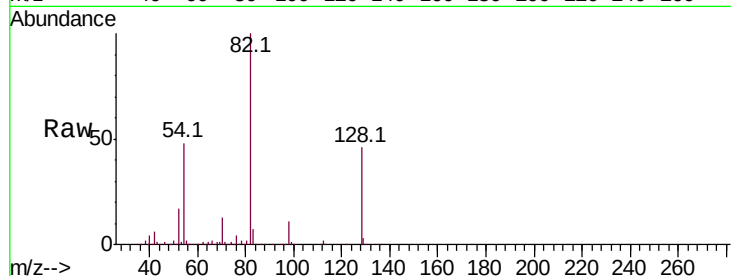




#23  
Nitrobenzene-d5  
Concen: 62.616 ng  
RT: 9.10 min Scan# 1024  
Delta R.T. -0.02 min  
Lab File: BG044044.D  
Acq: 14 Jan 2020 20:05

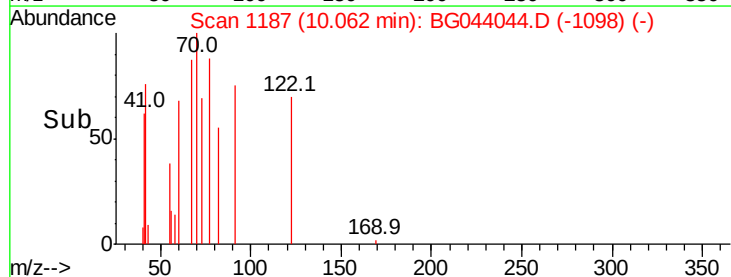
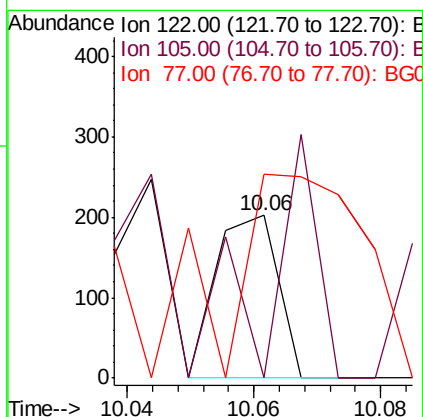
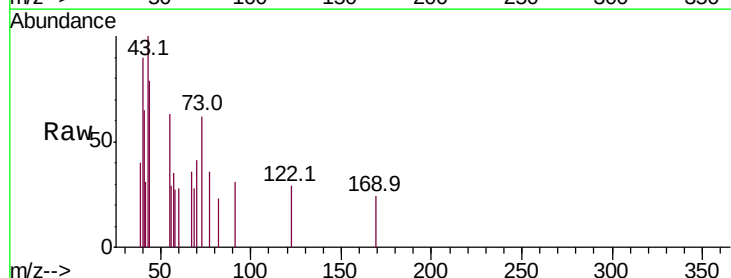
Instrument :  
BNA\_G  
ClientSampled :

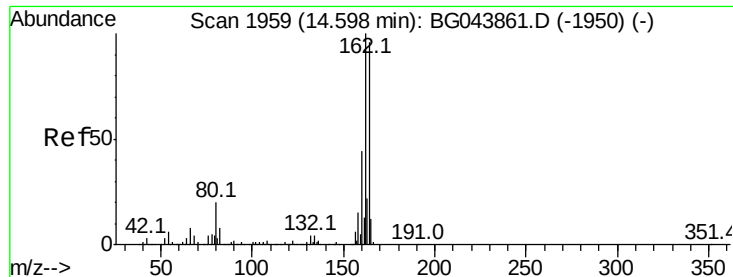
| Tot Ion   | 82   | Resp  | 648581 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 45.9 | 35.1  | 52.7   |
| 54        | 47.7 | 40.1  | 60.1   |



#32  
Benzoic acid  
Concen: 6.282 ng  
RT: 10.06 min Scan# 1187  
Delta R.T. -0.01 min  
Lab File: BG044044.D  
Acq: 14 Jan 2020 20:05

| Tgt Ion   | 122   | Resp  | 136    |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 105       | 0.0   | 106.4 | 146.4# |
| 77        | 125.2 | 74.6  | 114.6# |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Instrument :

BNA\_G

ClientSampleId :

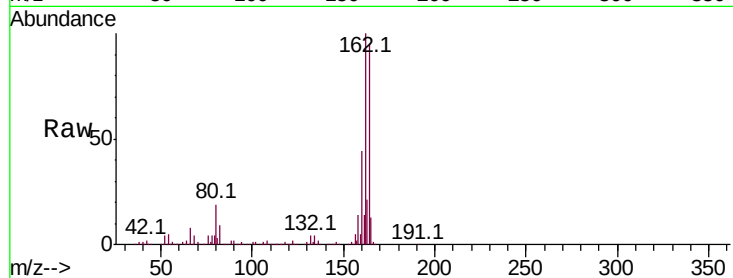
Tot Ion:164 Resp: 337869

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.4

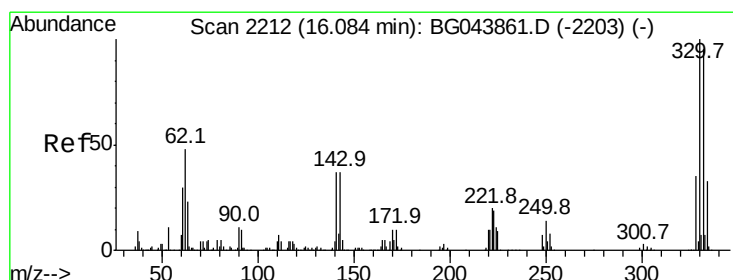
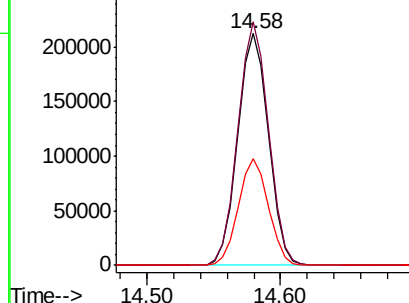
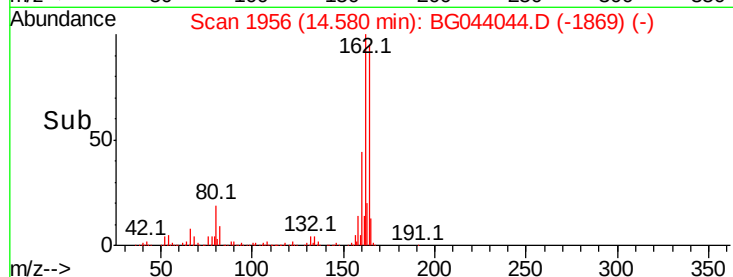
160 46.1 36.1 54.1



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



#42

2,4,6-Tribromophenol

Concen: 103.730 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

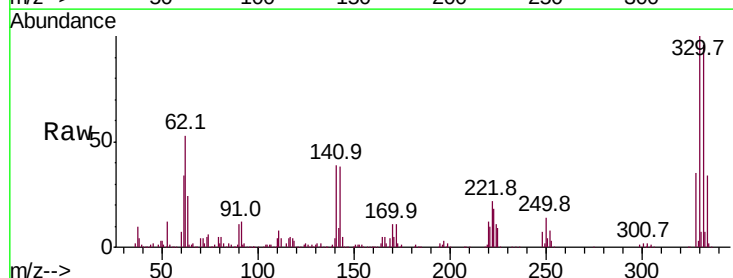
Tgt Ion:330 Resp: 366760

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

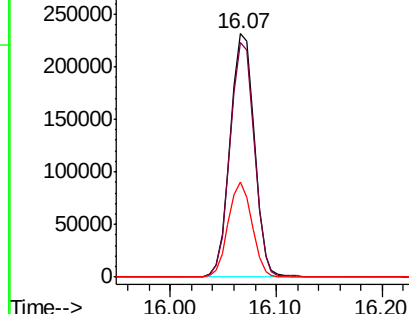
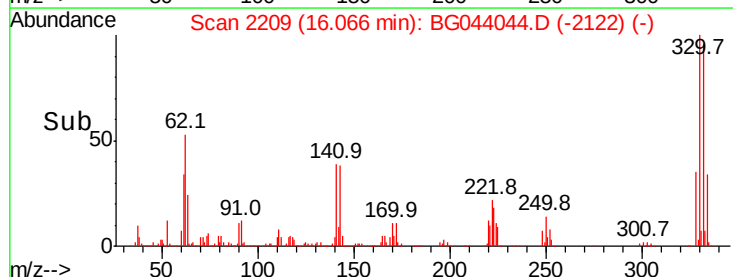
141 38.4 33.1 49.7

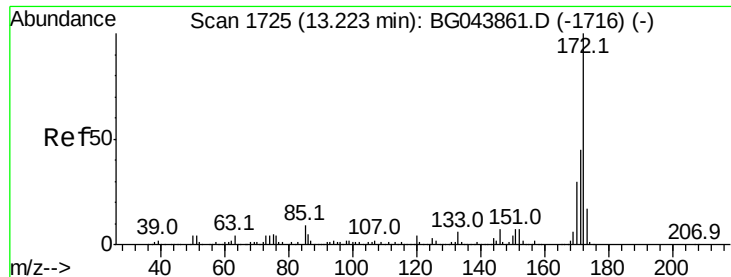


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

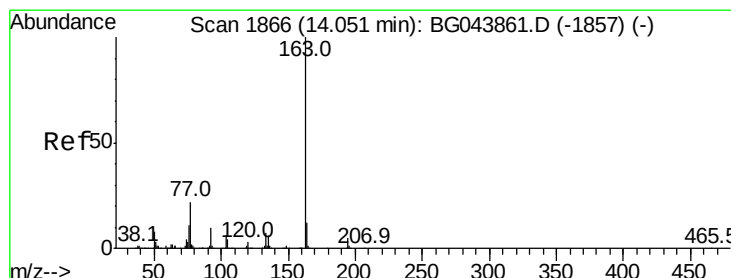
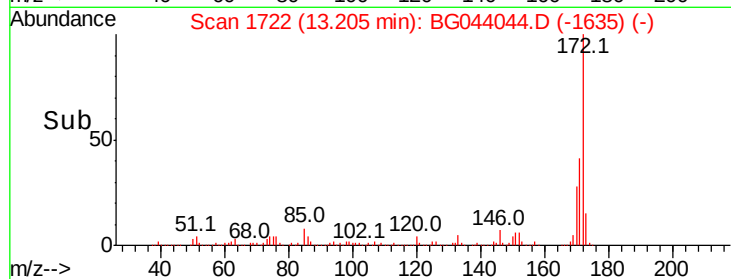
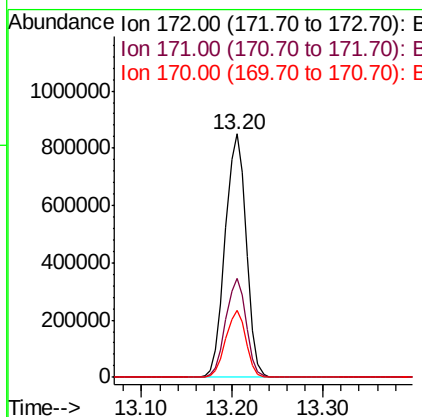
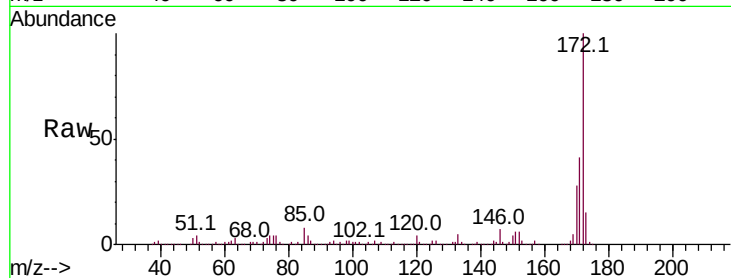




#45  
2-Fluorobiphenyl  
Concen: 73.489 ng  
RT: 13.20 min Scan# 1722  
Delta R.T. -0.02 min  
Lab File: BG044044.D  
Acq: 14 Jan 2020 20:05

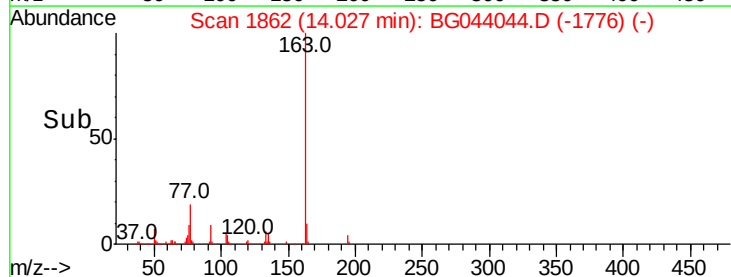
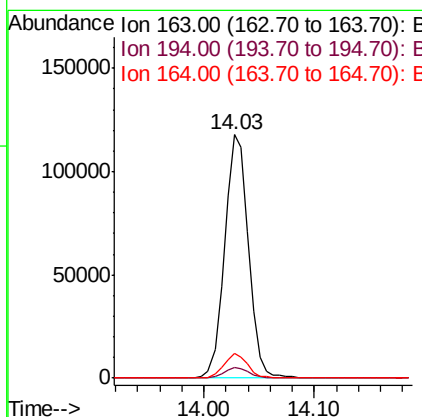
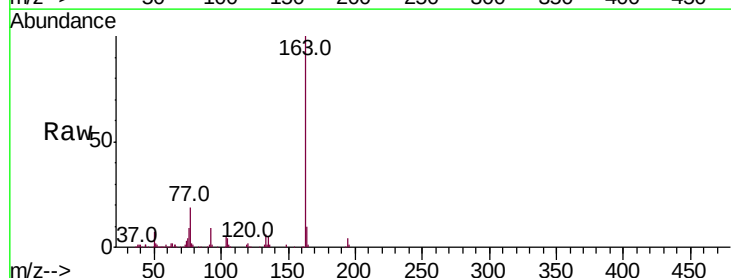
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:172 Resp: 1370464  
Ion Ratio Lower Upper  
172 100  
171 40.9 35.8 53.8  
170 27.8 24.2 36.4

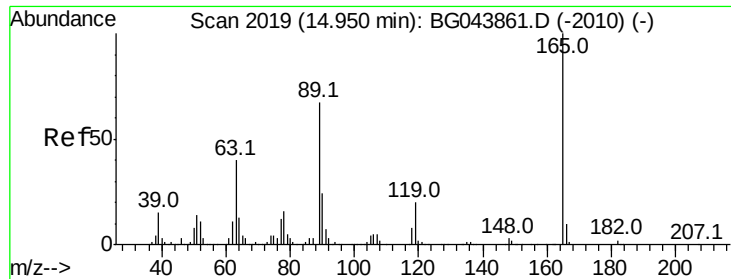


#50  
Dimethylphthalate  
Concen: 7.398 ng  
RT: 14.03 min Scan# 1862  
Delta R.T. -0.02 min  
Lab File: BG044044.D  
Acq: 14 Jan 2020 20:05

Tgt Ion:163 Resp: 177479  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.7 5.5  
164 10.0 9.3 13.9



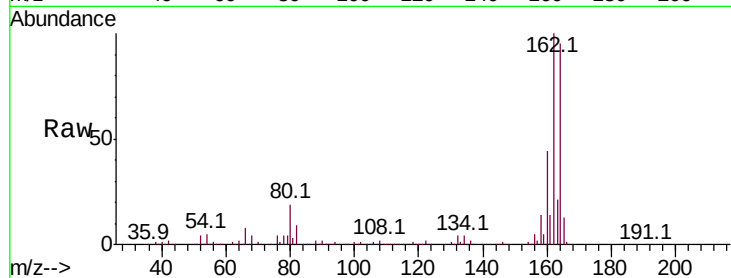




#57  
 2,4-Dinitrotoluene  
 Concen: 5.969 ng  
 RT: 14.58 min Scan# 1956  
 Delta R.T. -0.37 min  
 Lab File: BG044044.D  
 Acq: 14 Jan 2020 20:05

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.6   | 31.9  | 47.9# |
| 89      | 1.7   | 53.8  | 80.6# |
| 182     | 0.0   | 2.0   | 3.0#  |



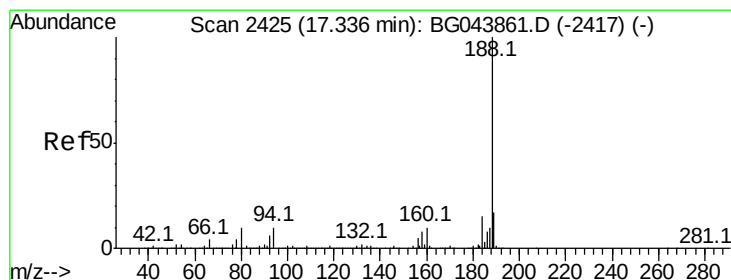
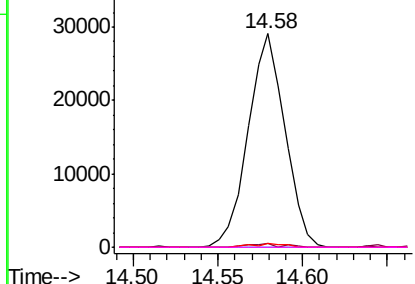
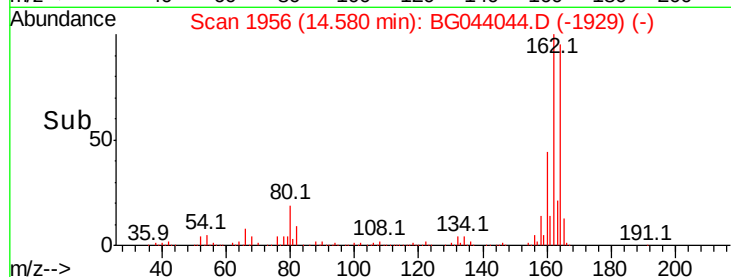
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

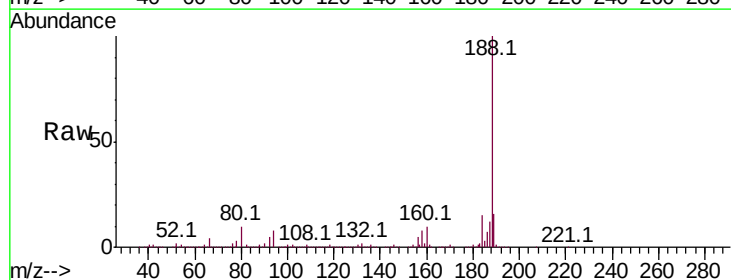
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.32 min Scan# 2423  
 Delta R.T. -0.01 min  
 Lab File: BG044044.D  
 Acq: 14 Jan 2020 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.4   | 7.9   | 11.9  |
| 80      | 9.8   | 8.2   | 12.4  |

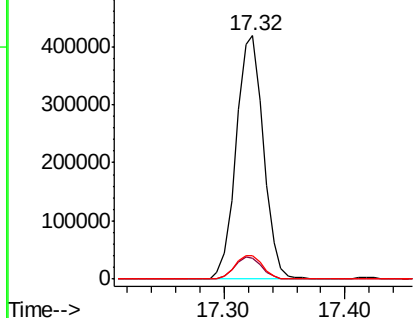
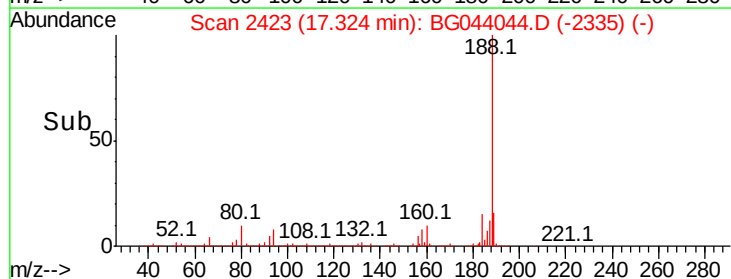


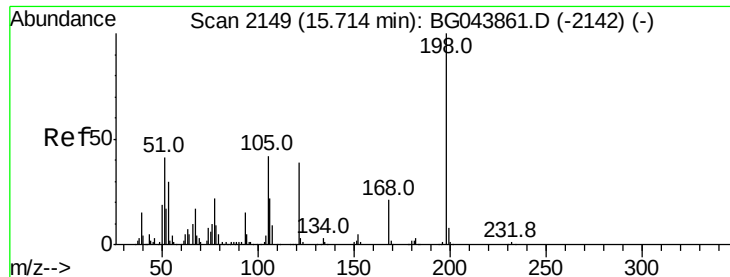
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

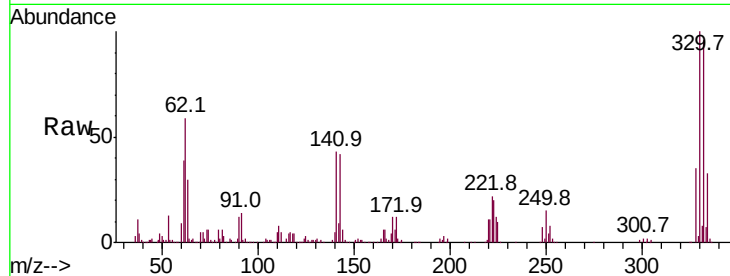




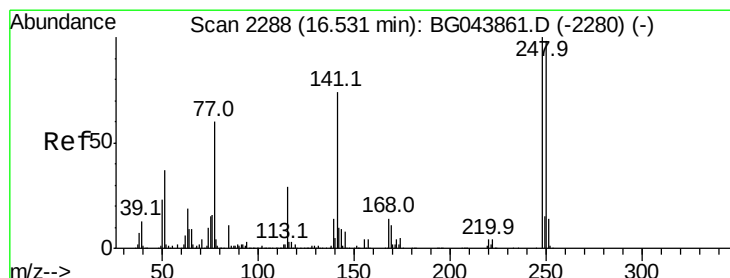
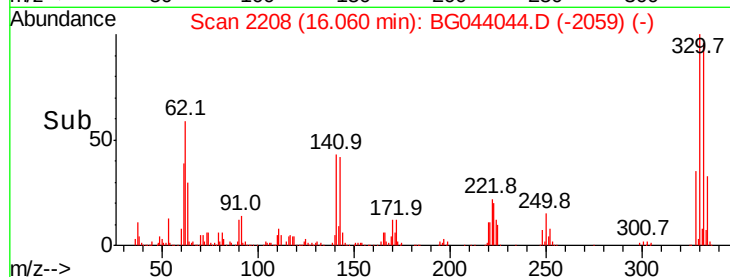
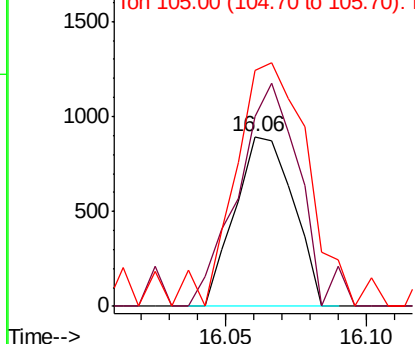
#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.730 ng  
RT: 16.06 min Scan# 2208  
Delta R.T. 0.35 min  
Lab File: BG044044.D  
Acq: 14 Jan 2020 20:05

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:198 Resp: 1275  
Ion Ratio Lower Upper  
198 100  
51 112.3 22.5 62.5#  
105 139.1 22.3 62.3#

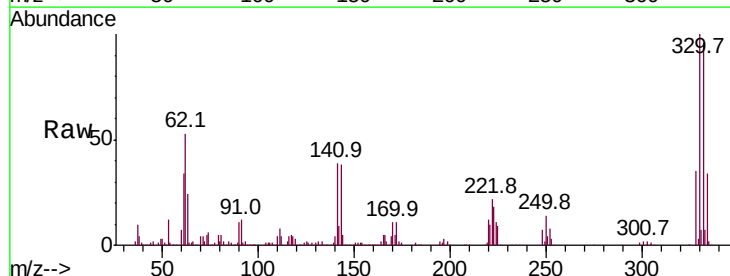


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

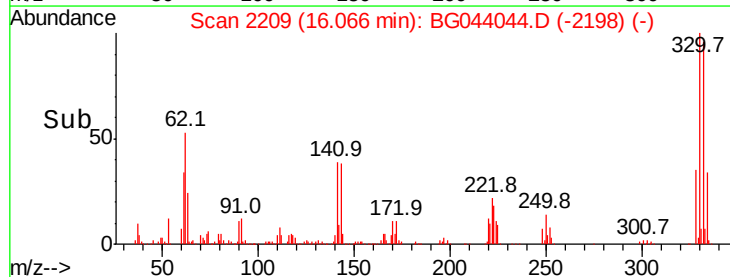
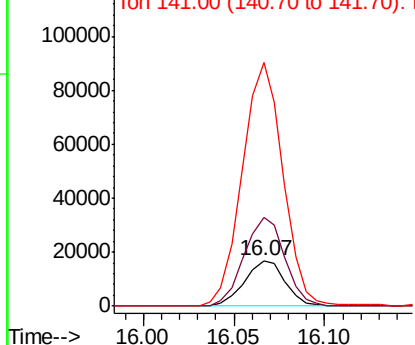


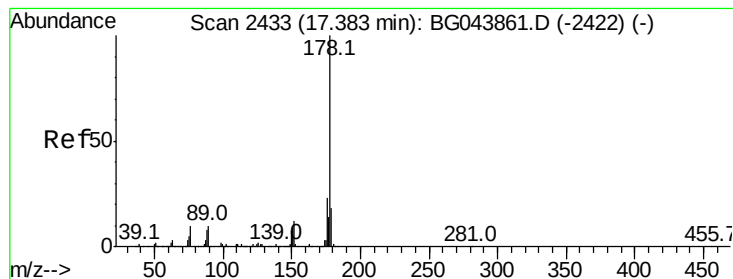
#67  
4-Bromophenyl-phenylether  
Concen: 3.503 ng  
RT: 16.07 min Scan# 2209  
Delta R.T. -0.46 min  
Lab File: BG044044.D  
Acq: 14 Jan 2020 20:05

Tgt Ion:248 Resp: 26009  
Ion Ratio Lower Upper  
248 100  
250 196.8 78.2 117.2#  
141 538.6 59.3 88.9#



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





#71

Phenanthrene

Concen: 2.819 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

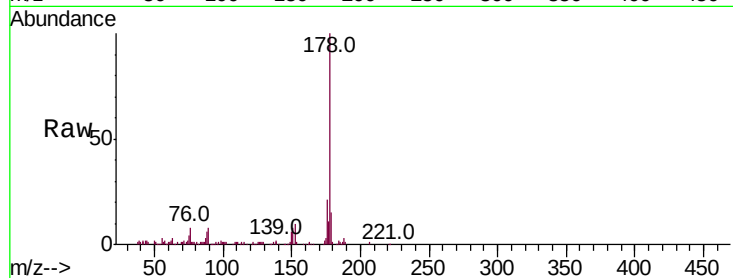
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:178 Resp: 89245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 21.1  | 18.6  | 28.0  |
| 179 | 14.9  | 14.4  | 21.6  |

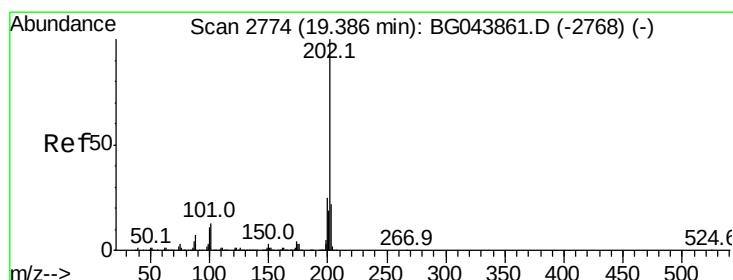
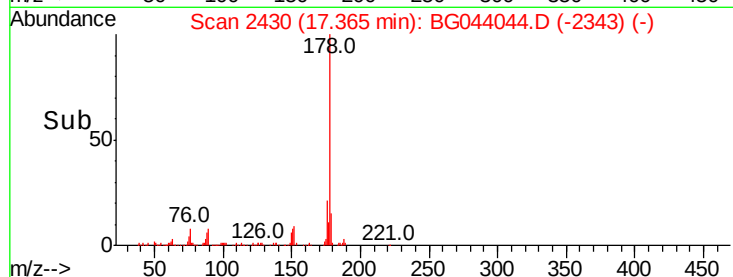
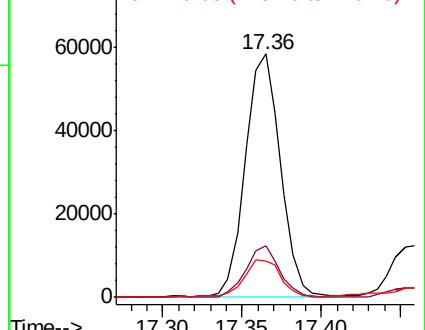


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 8.851 ng

RT: 19.37 min Scan# 2772

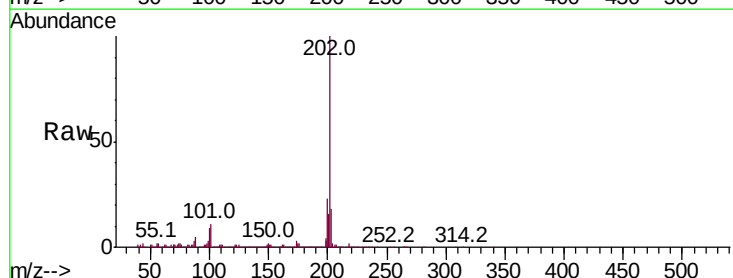
Delta R.T. -0.01 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Tgt Ion:202 Resp: 320481

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.4  | 0.0   | 33.3  |
| 203 | 17.6  | 1.6   | 41.6  |

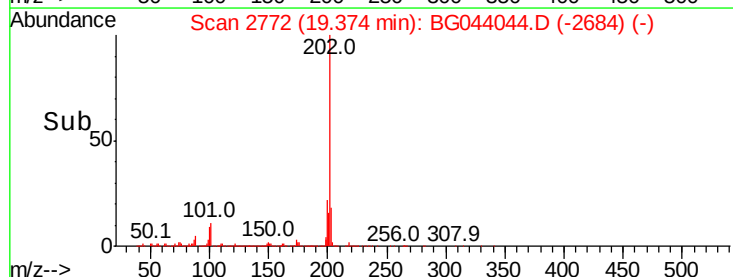
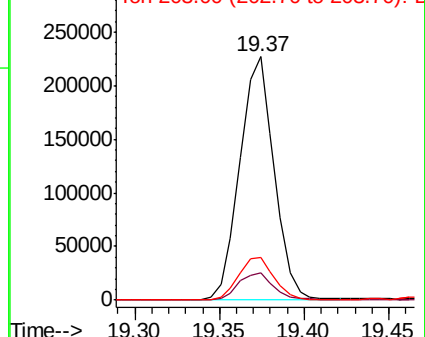


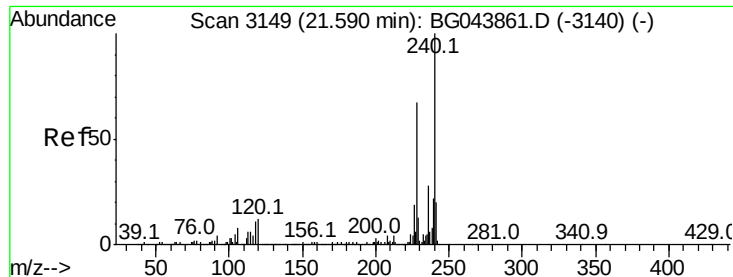
Abundance

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: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Instrument :

BNA\_G

ClientSampleId :

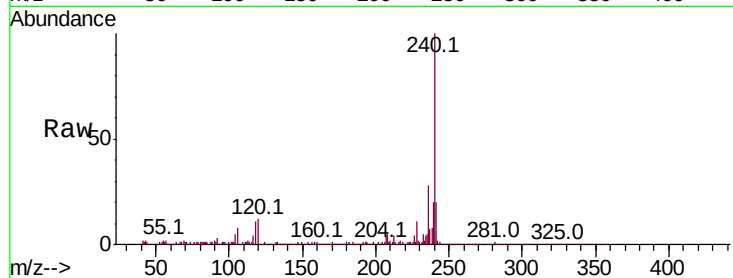
Tot Ion:240 Resp: 550800

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

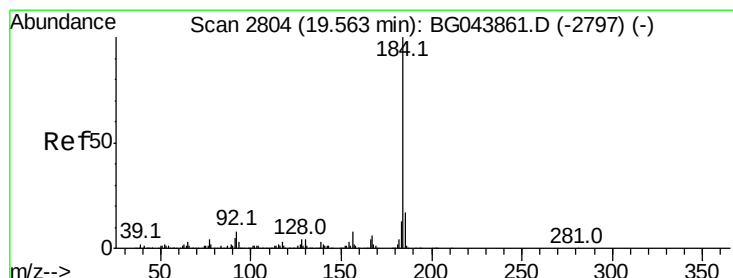
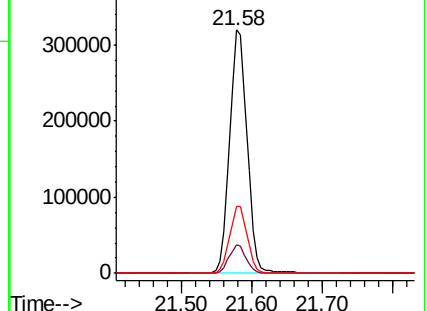
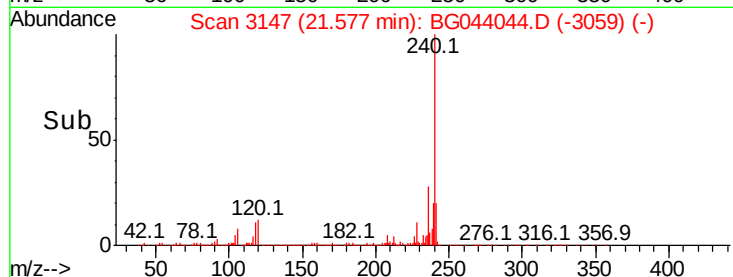
236 27.7 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 2.133 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

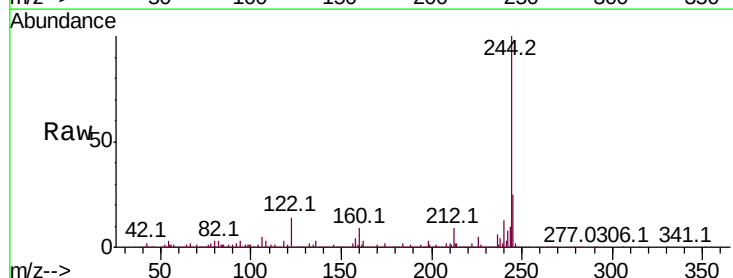
Tgt Ion:184 Resp: 29531

Ion Ratio Lower Upper

184 100

185 17.7 13.4 20.0

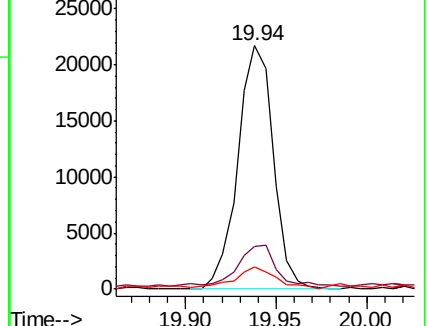
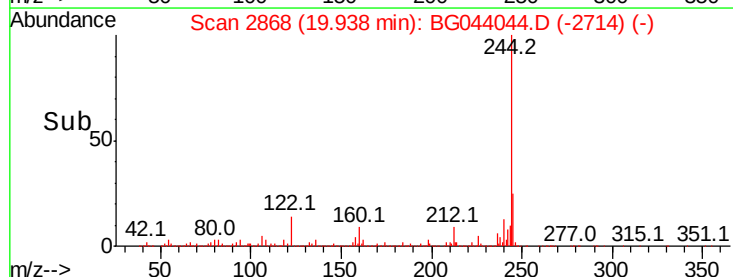
183 9.3 10.6 15.8#

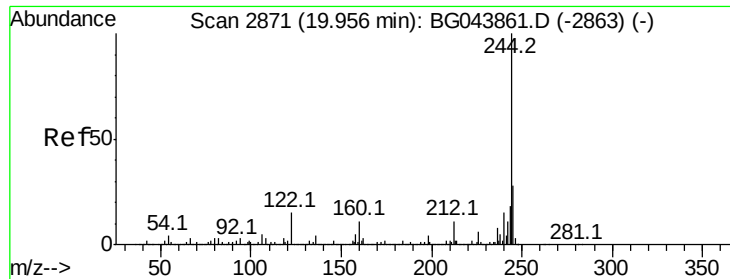


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 67.872 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Instrument :

BNA\_G

ClientSampleId :

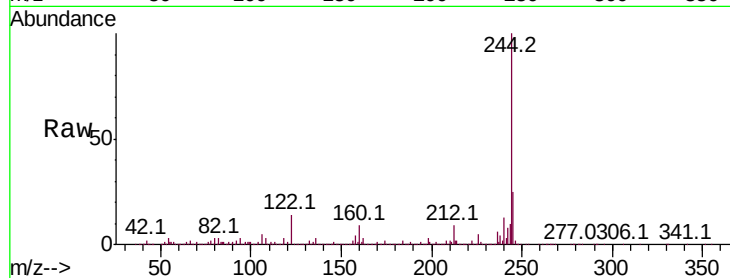
Tot Ion:244 Resp: 1641027

Ion Ratio Lower Upper

244 100

212 9.3 8.6 13.0

122 13.9 11.9 17.9

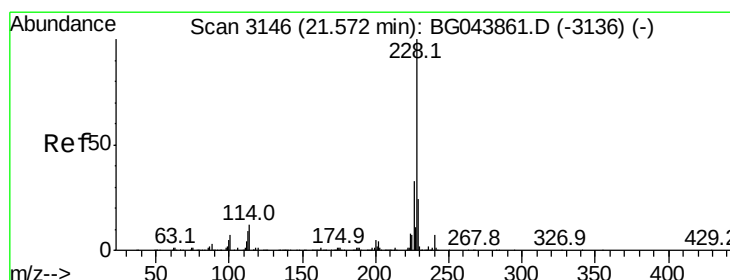
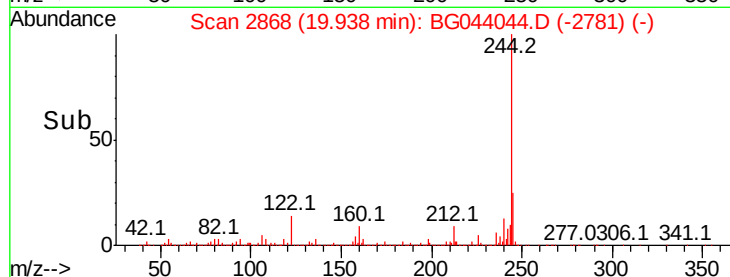
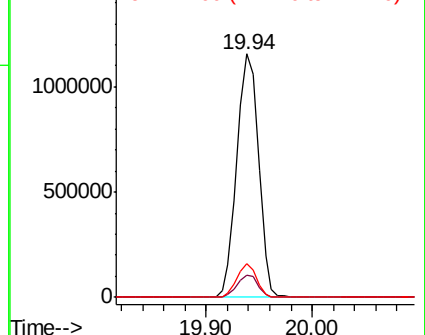


Abundance

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



#81

Benzo(a)anthracene

Concen: 5.376 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

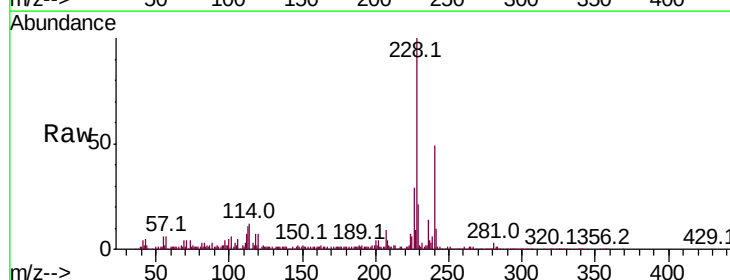
Tgt Ion:228 Resp: 183615

Ion Ratio Lower Upper

228 100

226 29.3 26.2 39.4

229 21.2 18.9 28.3

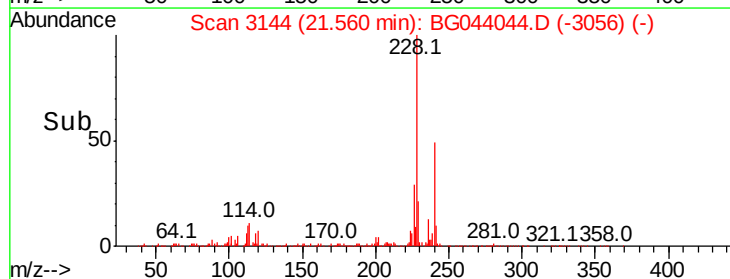
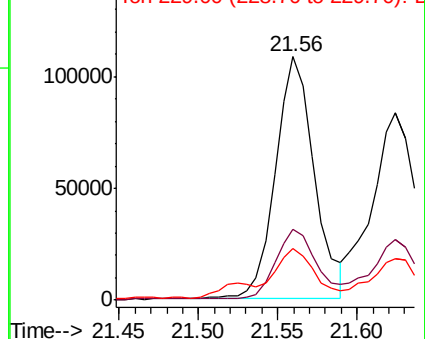


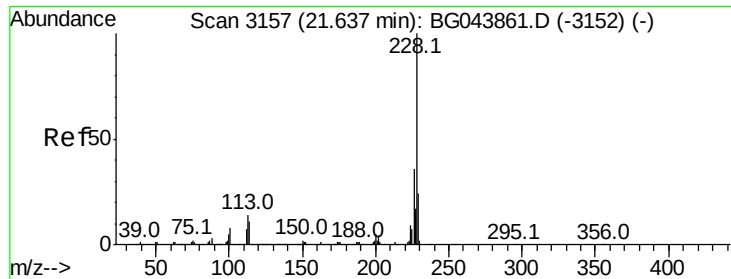
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 4.932 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

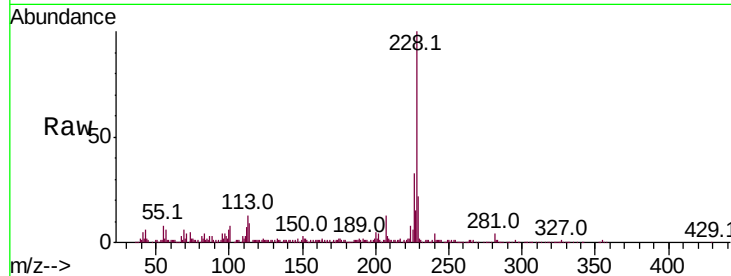
Instrument :

BNA\_G

ClientSampled :

Tot Ion:228 Resp: 160043

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.5  | 28.8  | 43.2  |
| 229 | 21.9  | 19.0  | 28.6  |

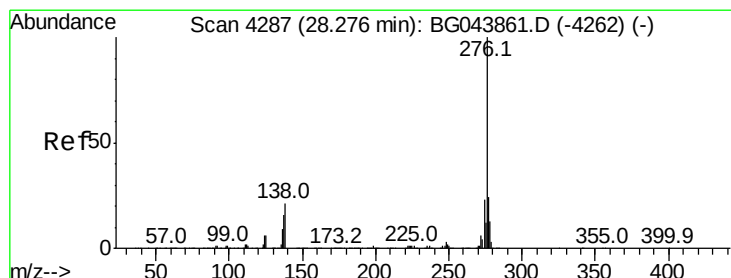
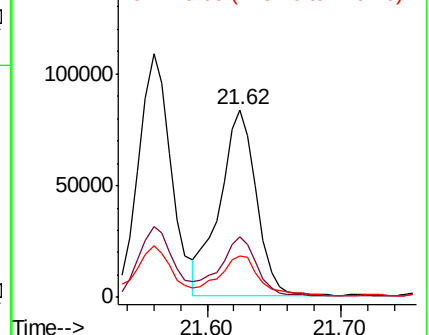
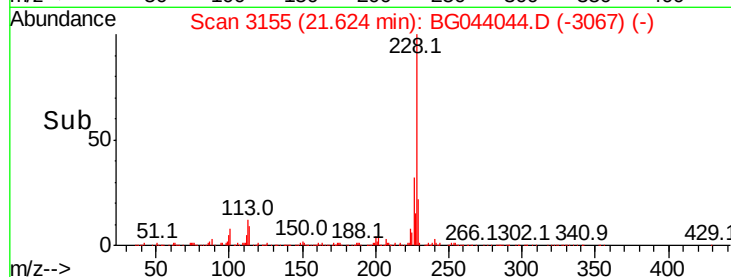


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.536 ng

RT: 28.45 min Scan# 4316

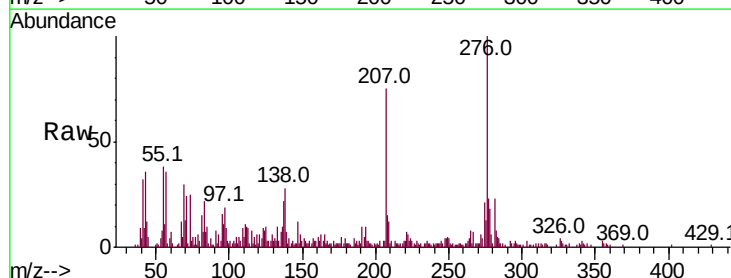
Delta R.T. 0.17 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Tgt Ion:276 Resp: 111859

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 20.9  | 21.0  | 31.4# |
| 277 | 0.0   | 21.1  | 31.7# |

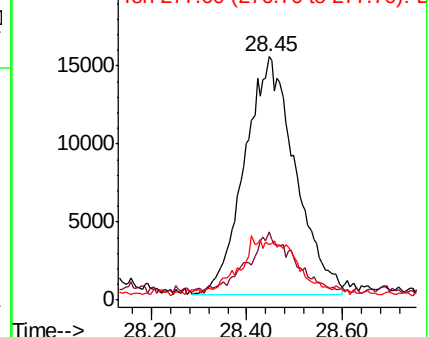
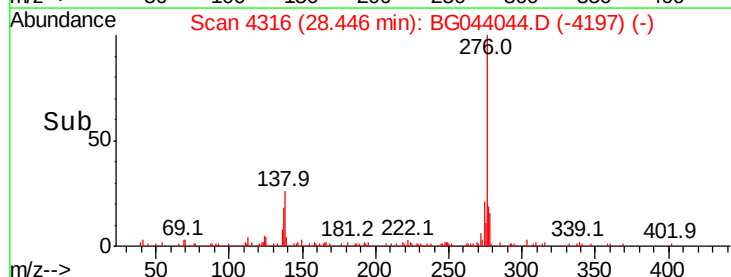


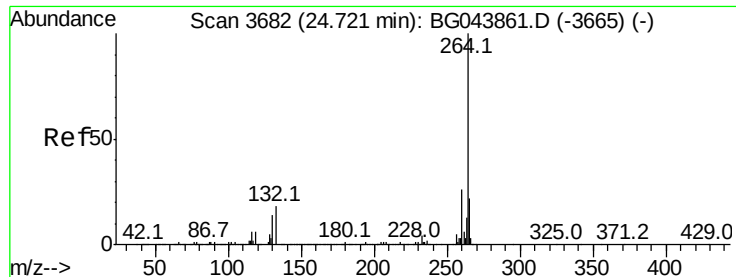
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3691

Delta R.T. 0.05 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Instrument :

BNA\_G

ClientSampleId :

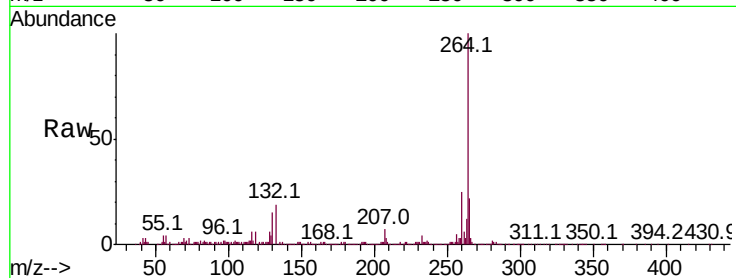
Tot Ion:264 Resp: 625171

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

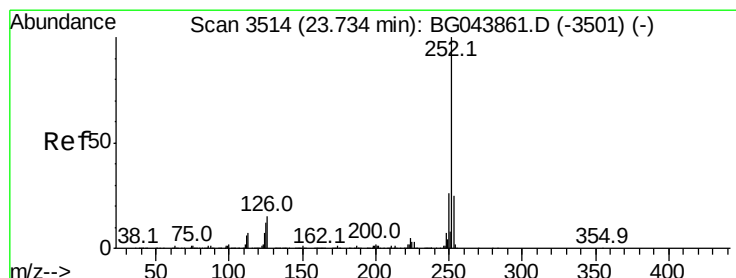
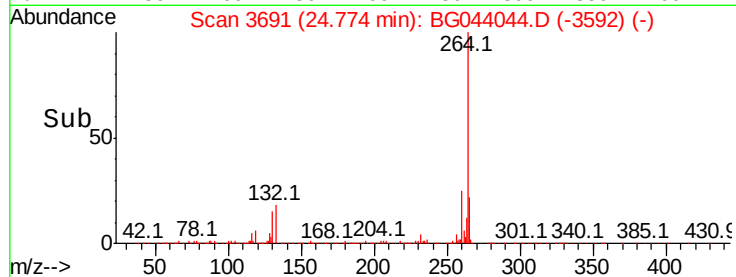
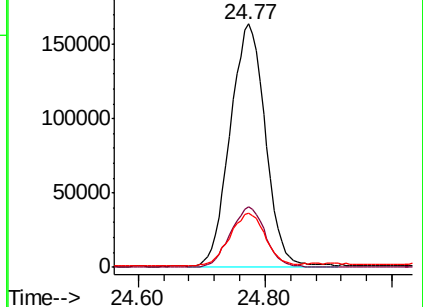
265 22.5 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.434 ng

RT: 23.75 min Scan# 3517

Delta R.T. 0.02 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

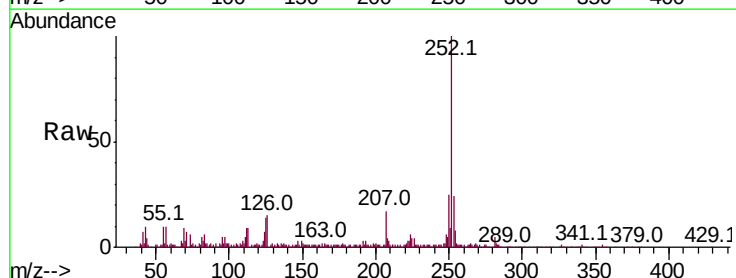
Tgt Ion:252 Resp: 311706

Ion Ratio Lower Upper

252 100

253 24.4 19.7 29.5

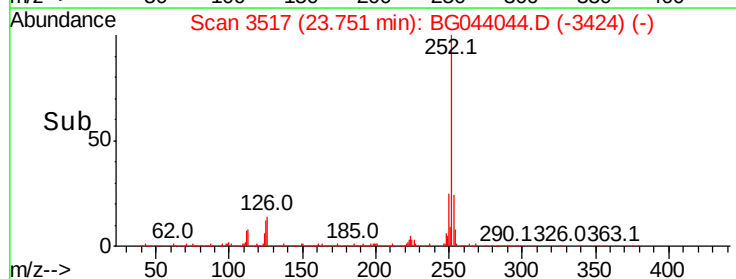
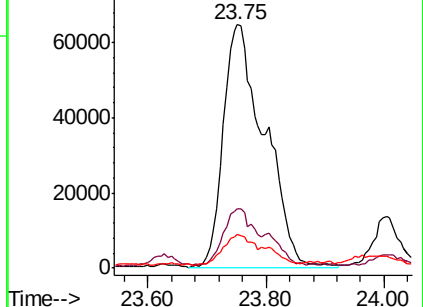
125 13.7 9.4 14.2

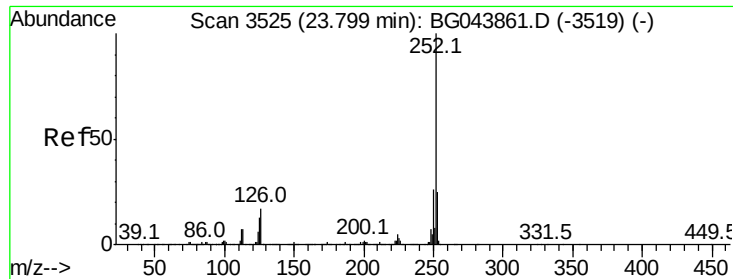


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 8.869 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.05 min

Lab File: BG044044.D

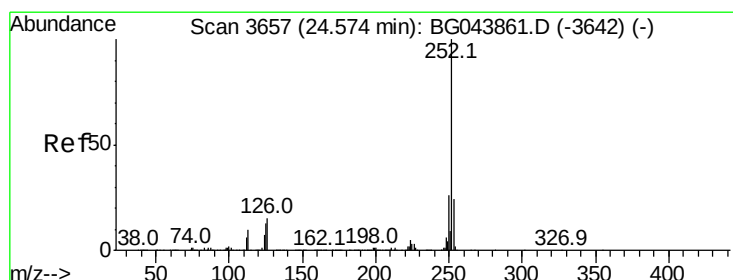
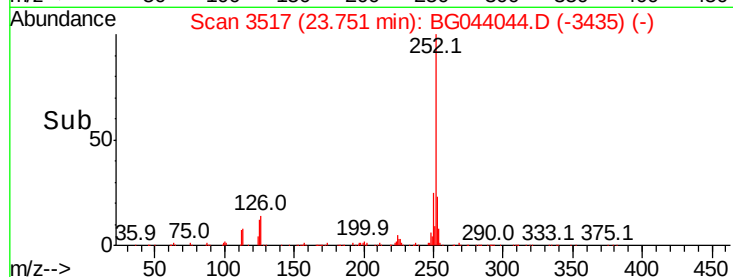
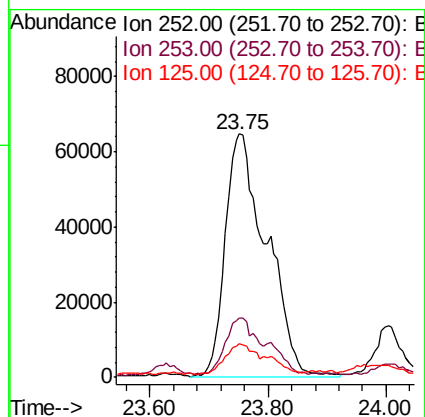
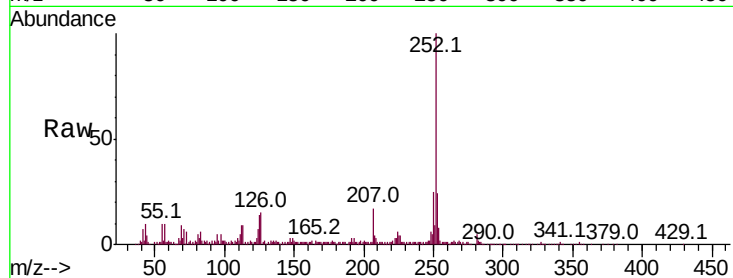
Acq: 14 Jan 2020 20:05

Instrument :

BNA\_G

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:252 | Resp: | 311706    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 24.4  | 19.4 29.2 |
| 125         | 13.7  | 9.9 14.9  |



#90

Benzo(a)pyrene

Concen: 4.832 ng

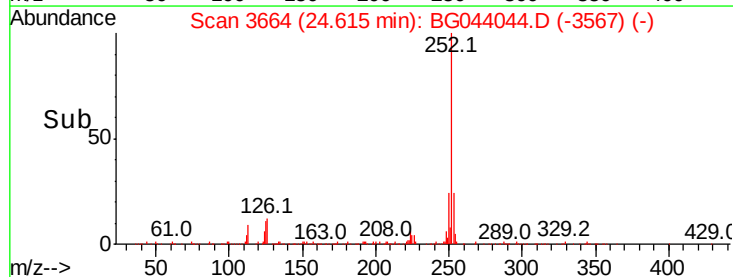
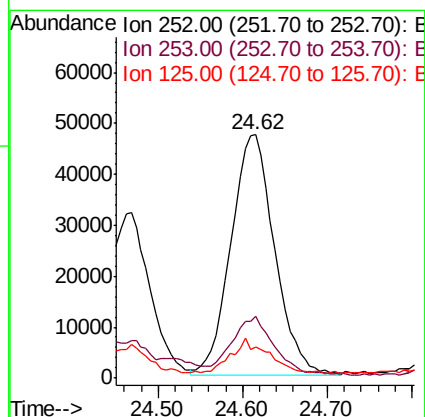
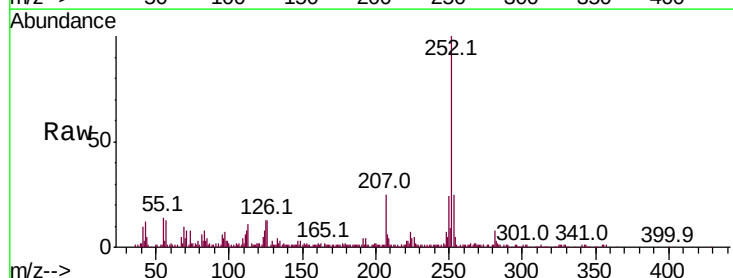
RT: 24.62 min Scan# 3664

Delta R.T. 0.04 min

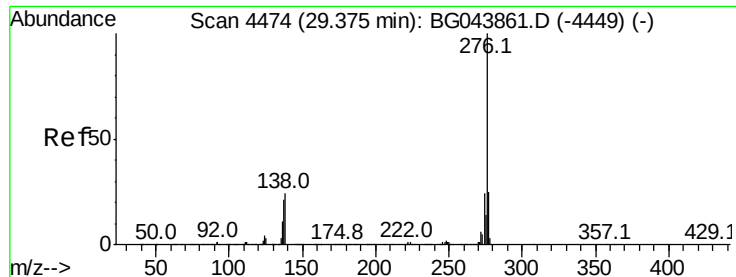
Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 168564    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 25.5  | 19.3 28.9 |
| 125         | 13.0  | 10.4 15.6 |







#92

Benzo(a,h,i)perylene

Concen: 2.974 ng

RT: 29.62 min Scan# 4515

Delta R.T. 0.24 min

Lab File: BG044044.D

Acq: 14 Jan 2020 20:05

Instrument :

BNA\_G

ClientSampleId :

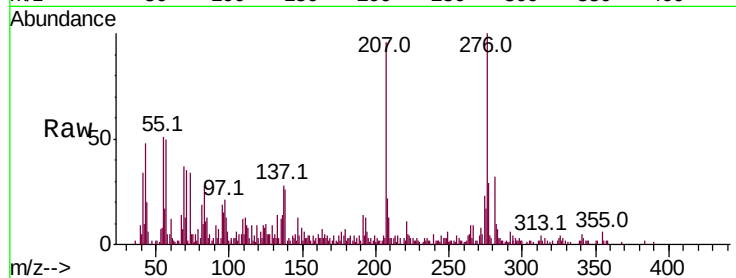
Tot Ion:276 Resp: 103479

Ion Ratio Lower Upper

276 100

277 28.6 20.2 30.4

138 26.3 19.0 28.6



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

