

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\  
 Data File : BG045280.D  
 Acq On : 7 May 2020 22:00  
 Operator : CG/JU  
 Sample : L2523-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HDD

Quant Time: May 08 04:03:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 07 12:51:10 2020  
 Response via : Initial Calibration

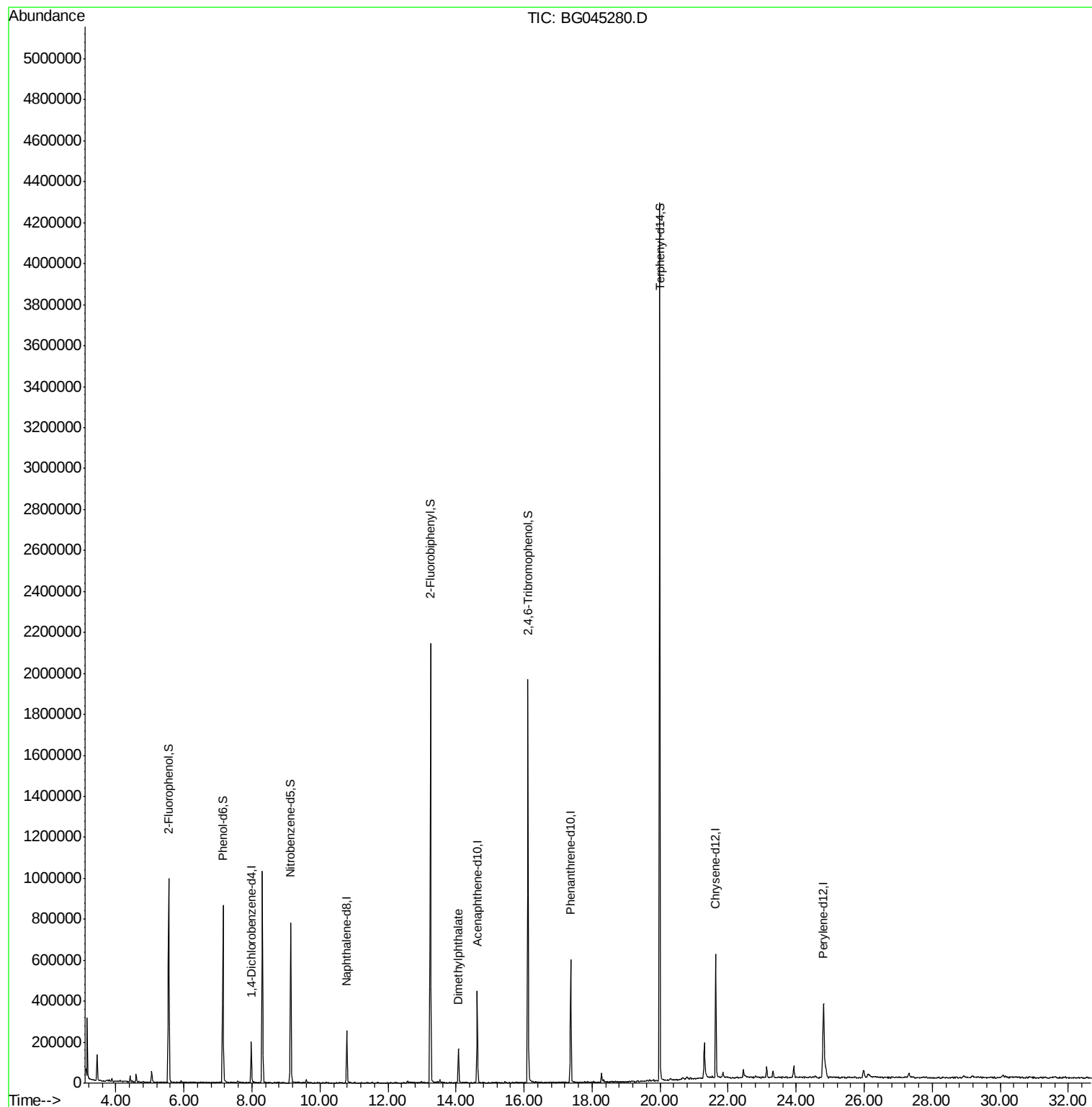
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.98  | 152  | 60191    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.79 | 136  | 233067   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.62 | 164  | 168143   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.37 | 188  | 394607   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.63 | 240  | 385070   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 24.80 | 264  | 407552   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.55  | 112  | 475694   | 130.48 | ng    | 0.00      |
| 7) Phenol-d6                | 7.15  | 99   | 568265   | 104.91 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.14  | 82   | 529750   | 103.71 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330  | 404847   | 155.85 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.25 | 172  | 1194126  | 104.14 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.99 | 244  | 2047130  | 115.87 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.07 | 163  | 120683   | 8.815  | ng    | Qvalue 99 |

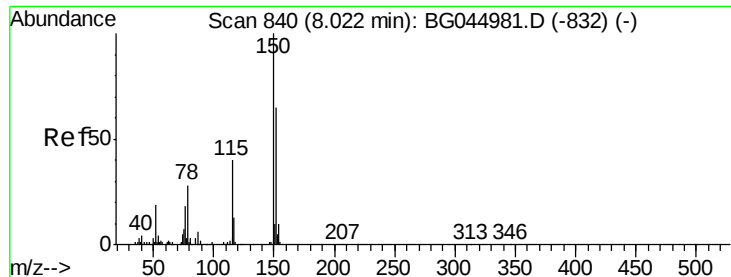
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\  
Data File : BG045280.D  
Acq On : 7 May 2020 22:00  
Operator : CG/JU  
Sample : L2523-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HDD

Quant Time: May 08 04:03:45 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 07 12:51:10 2020  
Response via : Initial Calibration



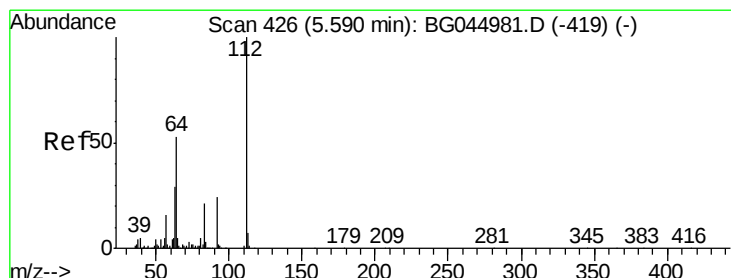
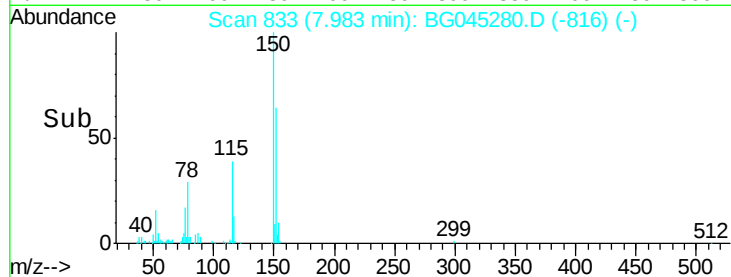
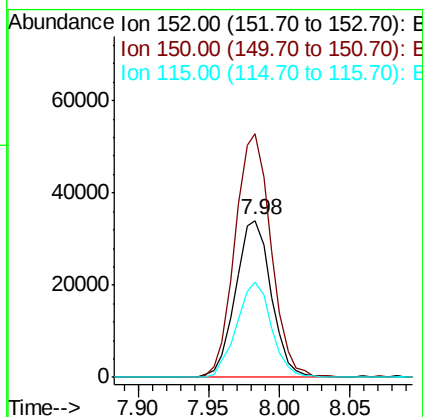
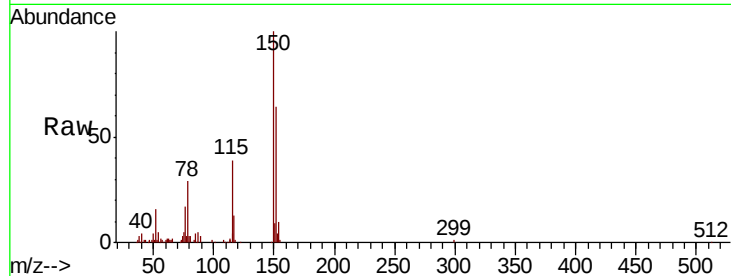


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.98 min Scan# 833  
Delta R.T. -0.00 min  
Lab File: BG045280.D  
Acq: 7 May 2020 22:00

Instrument :  
BNA\_G  
ClientSampleId :  
HDD

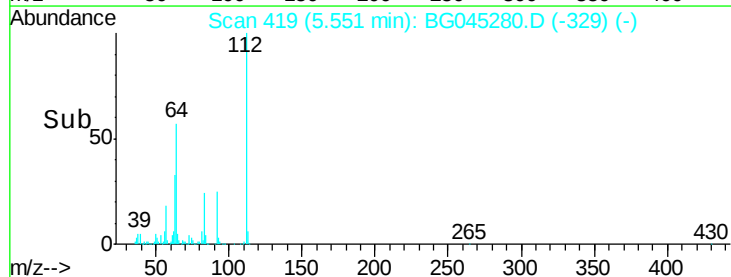
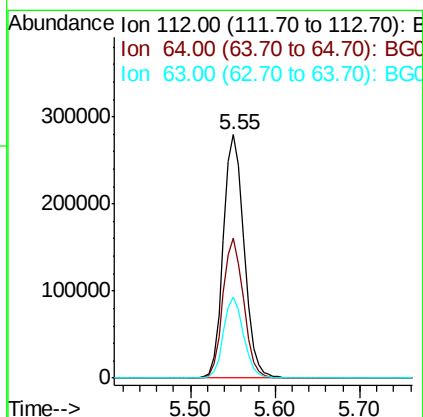
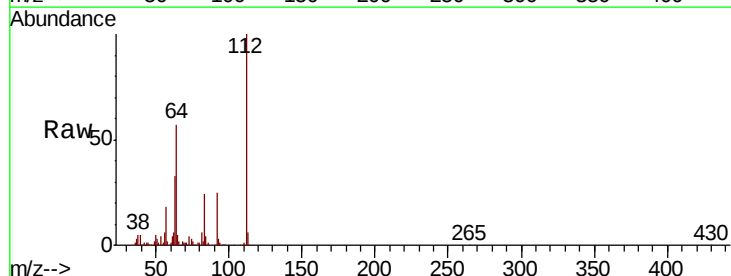
Tot Ion:152 Resp: 60191  
Ion Ratio Lower Upper  
152 100  
150 155.4 123.6 185.4  
115 60.8 49.1 73.7



#5

2-Fluorophenol  
Concen: 130.475 ng  
RT: 5.55 min Scan# 419  
Delta R.T. -0.00 min  
Lab File: BG045280.D  
Acq: 7 May 2020 22:00

Tgt Ion:112 Resp: 475694  
Ion Ratio Lower Upper  
112 100  
64 57.4 42.4 63.6  
63 33.2 23.1 34.7





#7

Phenol-d6

Concen: 104.907 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045280.D

Acq: 7 May 2020 22:00

Instrument :

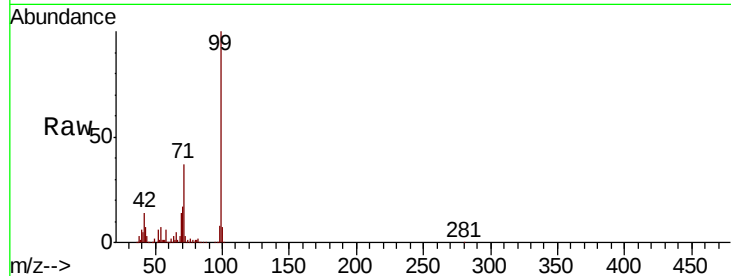
BNA\_G

ClientSampleId :

HDD

Tot Ion: 99 Resp: 568265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.2  | 11.3  | 16.9  |
| 71  | 37.4  | 28.3  | 42.5  |

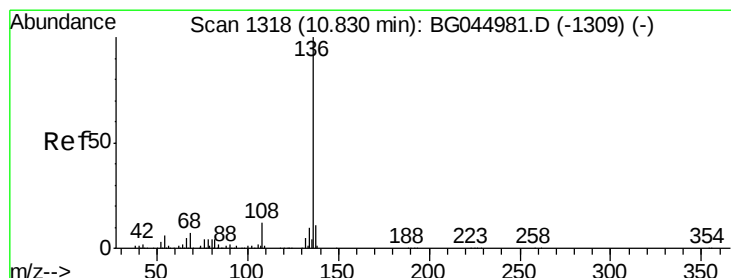
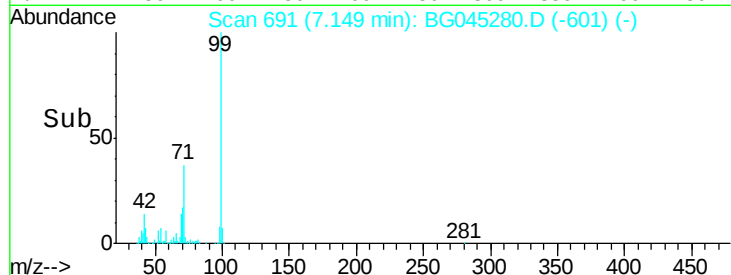
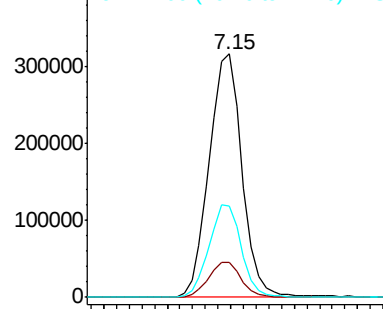


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

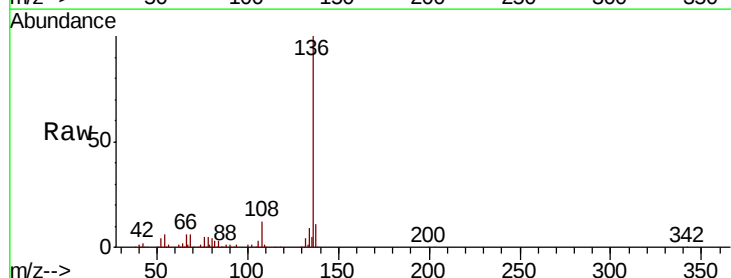
Delta R.T. -0.00 min

Lab File: BG045280.D

Acq: 7 May 2020 22:00

Tgt Ion: 136 Resp: 233067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 5.6   | 4.8   | 7.2   |
| 68  | 5.6   | 5.2   | 7.8   |



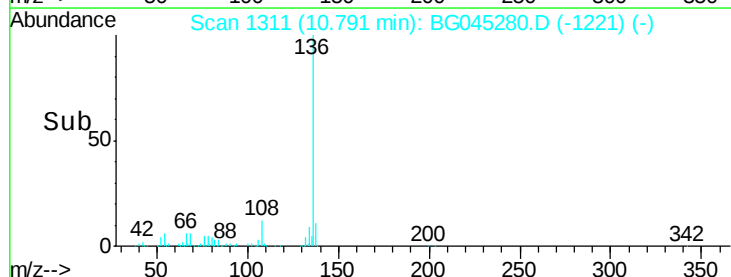
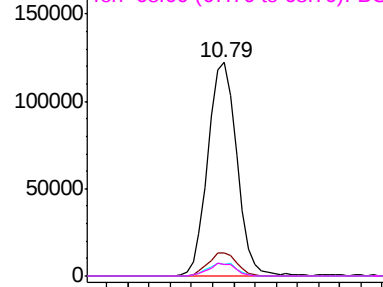
Abundance

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

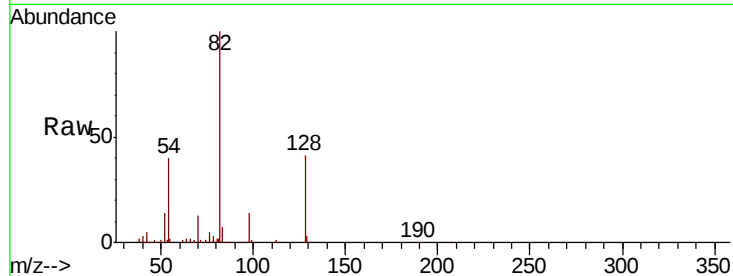




#23  
Nitrobenzene-d5  
Concen: 103.712 ng  
RT: 9.14 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BG045280.D  
Acq: 7 May 2020 22:00

Instrument :  
BNA\_G  
ClientSampleId :  
HDD

| Tot Ion | 82    | Resp  | 529750 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 40.5  | 33.0  | 49.4   |
| 54      | 39.9  | 30.4  | 45.6   |

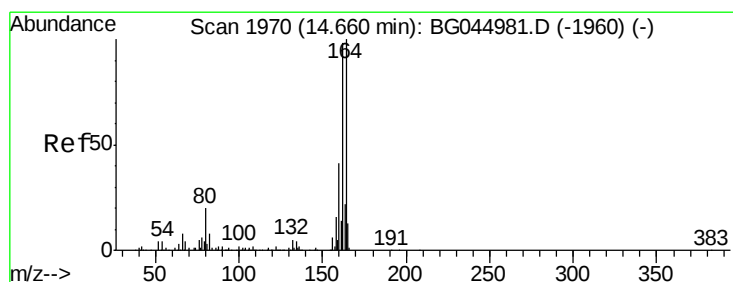
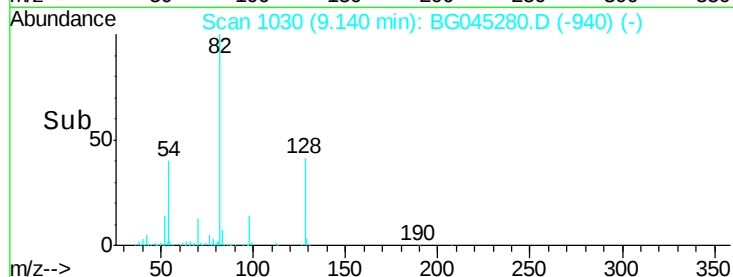
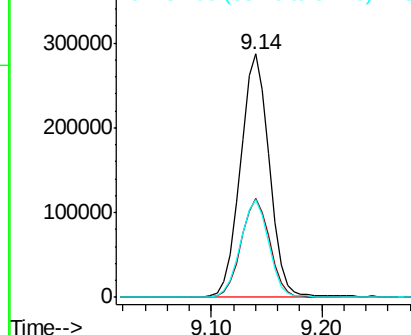


Abundance

Ion 82.00 (81.70 to 82.70): BGC

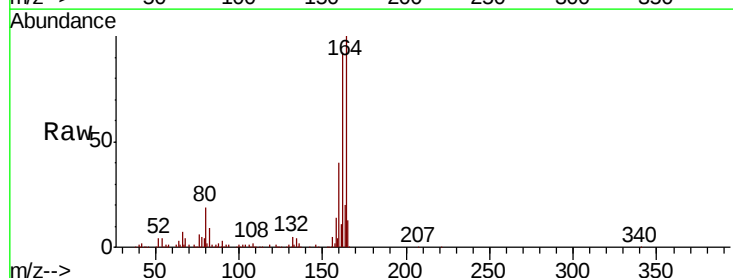
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.62 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BG045280.D  
Acq: 7 May 2020 22:00

| Tgt Ion | 164   | Resp  | 168143 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 92.4  | 78.7  | 118.1  |
| 160     | 40.5  | 32.8  | 49.2   |

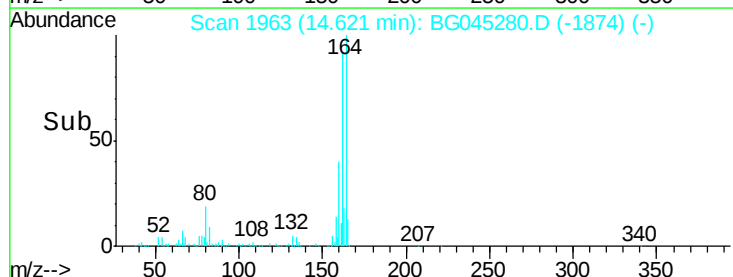
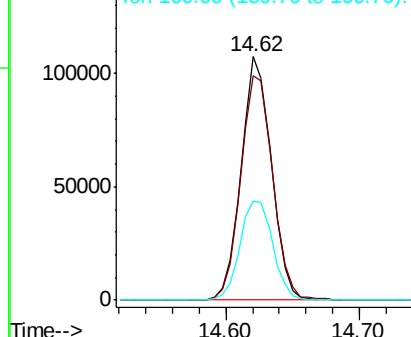


Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

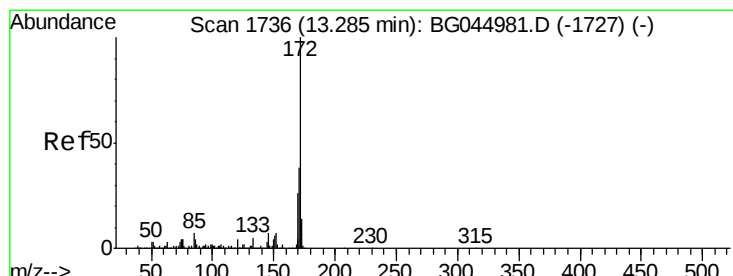
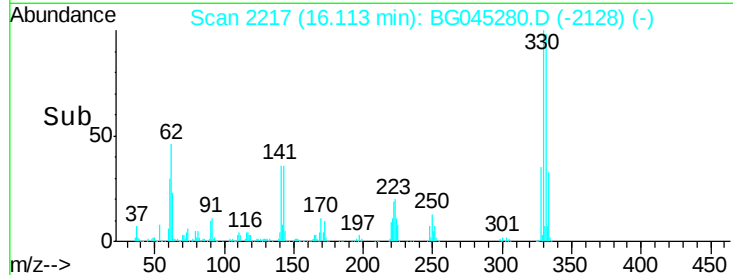
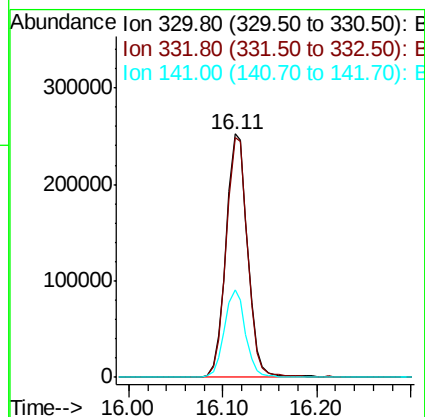
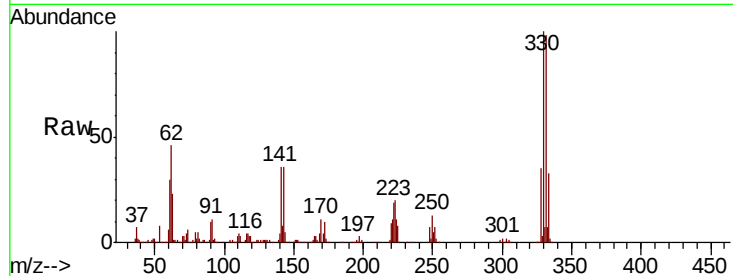




#42  
 2,4,6-Tribromophenol  
 Concen: 155.855 ng  
 RT: 16.11 min Scan# 2217  
 Delta R.T. -0.01 min  
 Lab File: BG045280.D  
 Acq: 7 May 2020 22:00

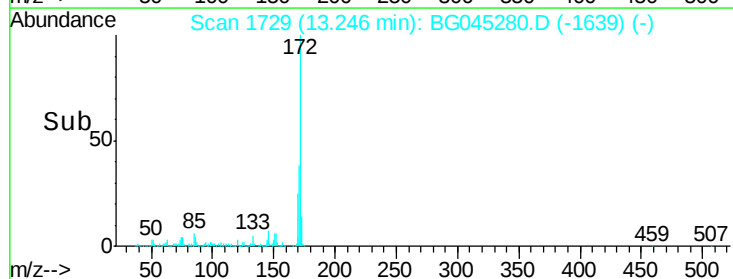
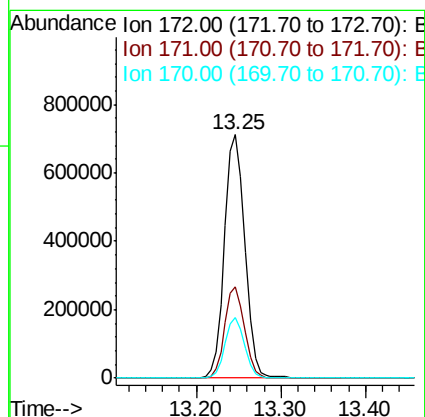
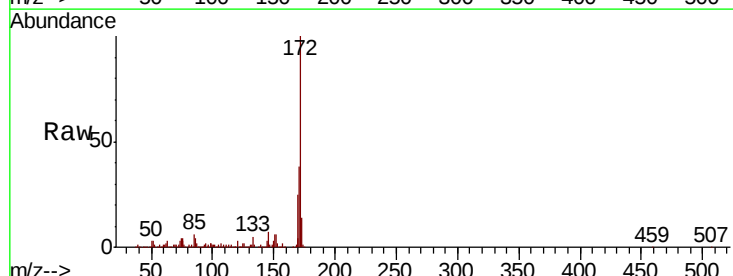
Instrument :  
 BNA\_G  
 ClientSampleId :  
 HDD

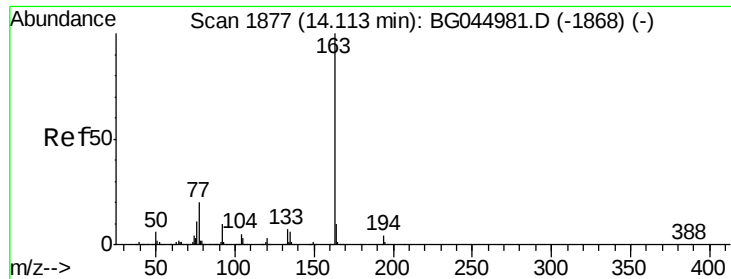
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 79.1  | 118.7 |
| 141     | 35.2  | 27.1  | 40.7  |



#45  
 2-Fluorobiphenyl  
 Concen: 104.136 ng  
 RT: 13.25 min Scan# 1729  
 Delta R.T. -0.00 min  
 Lab File: BG045280.D  
 Acq: 7 May 2020 22:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.5  | 30.6  | 46.0  |
| 170     | 24.7  | 20.5  | 30.7  |

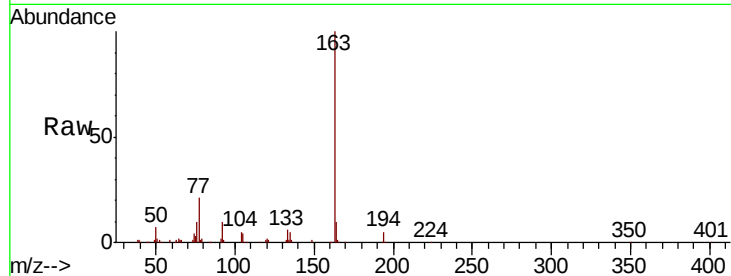




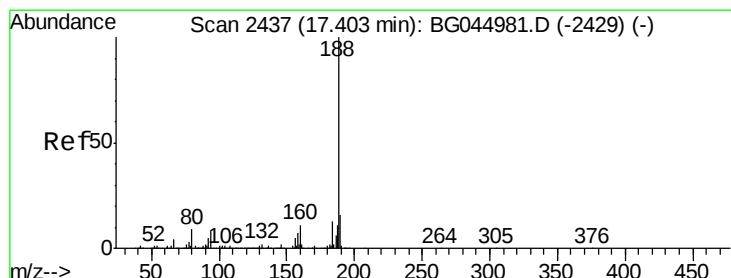
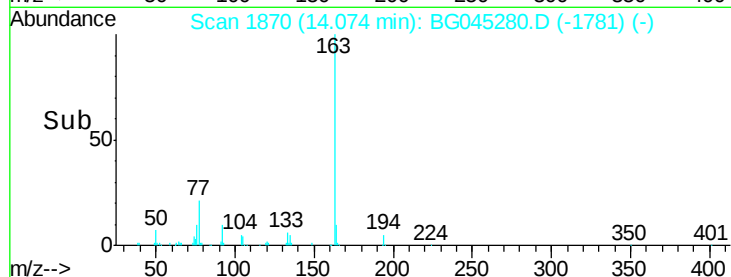
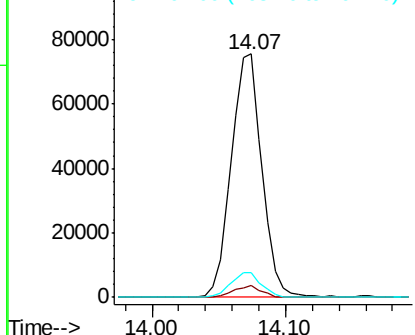
#50  
Dimethylphthalate  
Concen: 8.815 ng  
RT: 14.07 min Scan# 1870  
Delta R.T. -0.01 min  
Lab File: BG045280.D  
Acq: 7 May 2020 22:00

Instrument :  
BNA\_G  
ClientSampleId :  
HDD

Tot Ion:163 Resp: 120683  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.5 5.3  
164 10.1 8.2 12.4

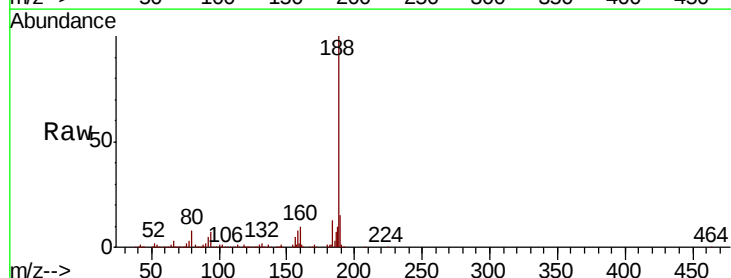


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

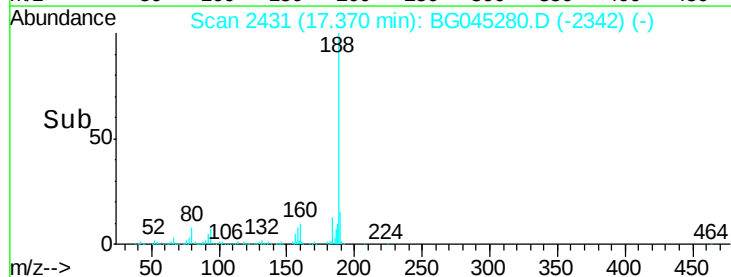
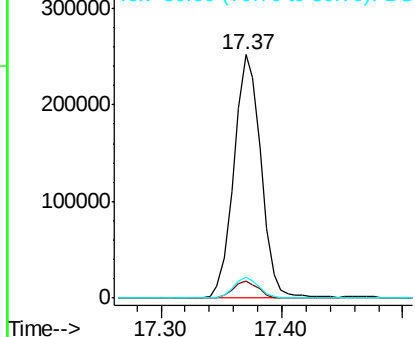


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.37 min Scan# 2431  
Delta R.T. -0.01 min  
Lab File: BG045280.D  
Acq: 7 May 2020 22:00

Tgt Ion:188 Resp: 394607  
Ion Ratio Lower Upper  
188 100  
94 7.1 6.2 9.4  
80 8.5 7.0 10.6



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

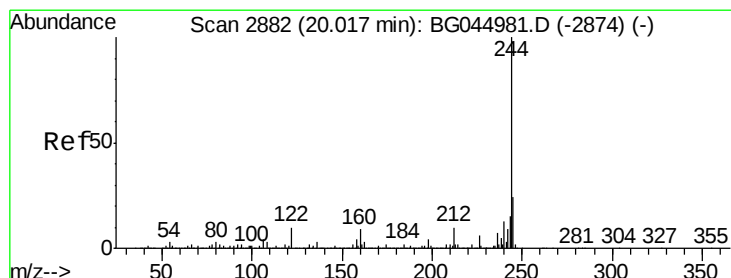
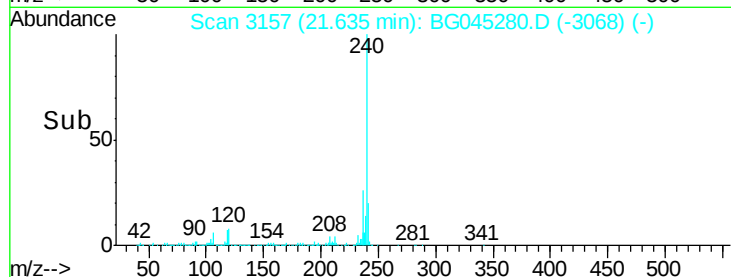
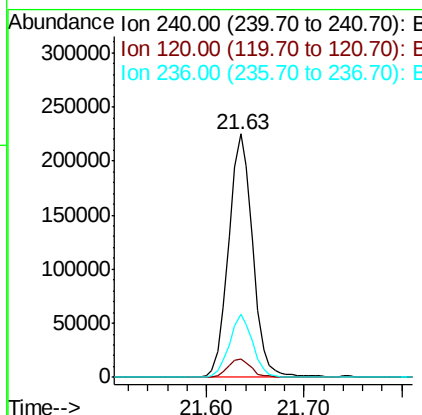
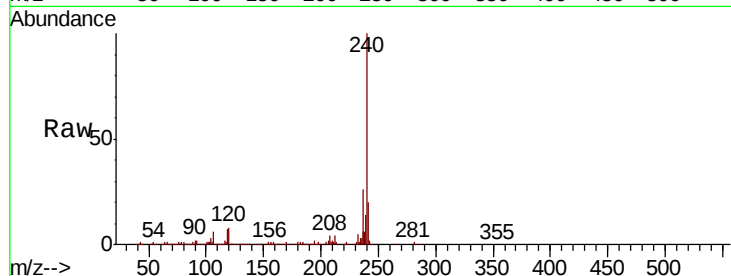




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.63 min Scan# 3157  
Delta R.T. -0.01 min  
Lab File: BG045280.D  
Acq: 7 May 2020 22:00

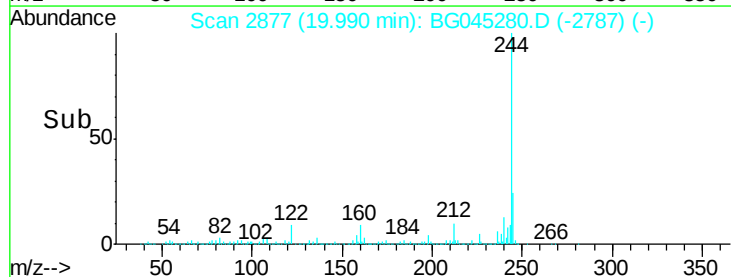
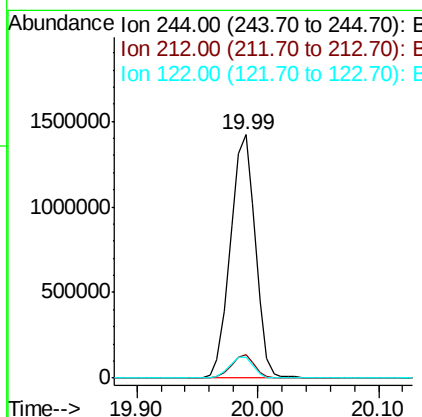
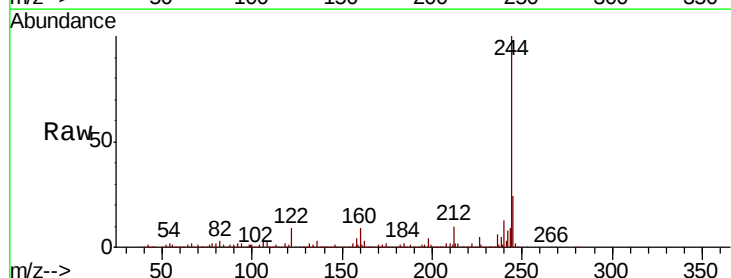
Instrument :  
BNA\_G  
ClientSampleId :  
HDD

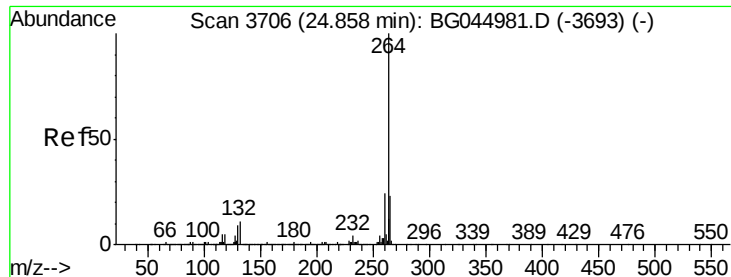
Tot Ion:240 Resp: 385070  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.6 10.0  
236 26.0 22.2 33.2



#79  
Terphenyl-d14  
Concen: 115.871 ng  
RT: 19.99 min Scan# 2877  
Delta R.T. -0.00 min  
Lab File: BG045280.D  
Acq: 7 May 2020 22:00

Tgt Ion:244 Resp: 2047130  
Ion Ratio Lower Upper  
244 100  
212 9.8 7.9 11.9  
122 8.7 7.7 11.5

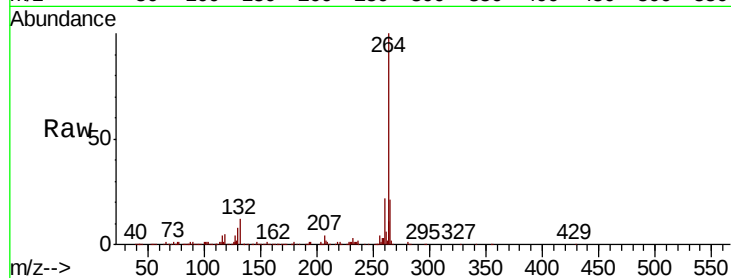




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.80 min Scan# 3696  
 Delta R.T. -0.01 min  
 Lab File: BG045280.D  
 Acq: 7 May 2020 22:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HDD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.8  | 19.2  | 28.8  |
| 265     | 20.7  | 19.0  | 28.4  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

