

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\  
 Data File : BG045074.D  
 Acq On : 18 Apr 2020 19:41  
 Operator : CG/JU  
 Sample : L2271-04  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG-4

Quant Time: Apr 20 04:04:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 17 11:08:29 2020  
 Response via : Initial Calibration

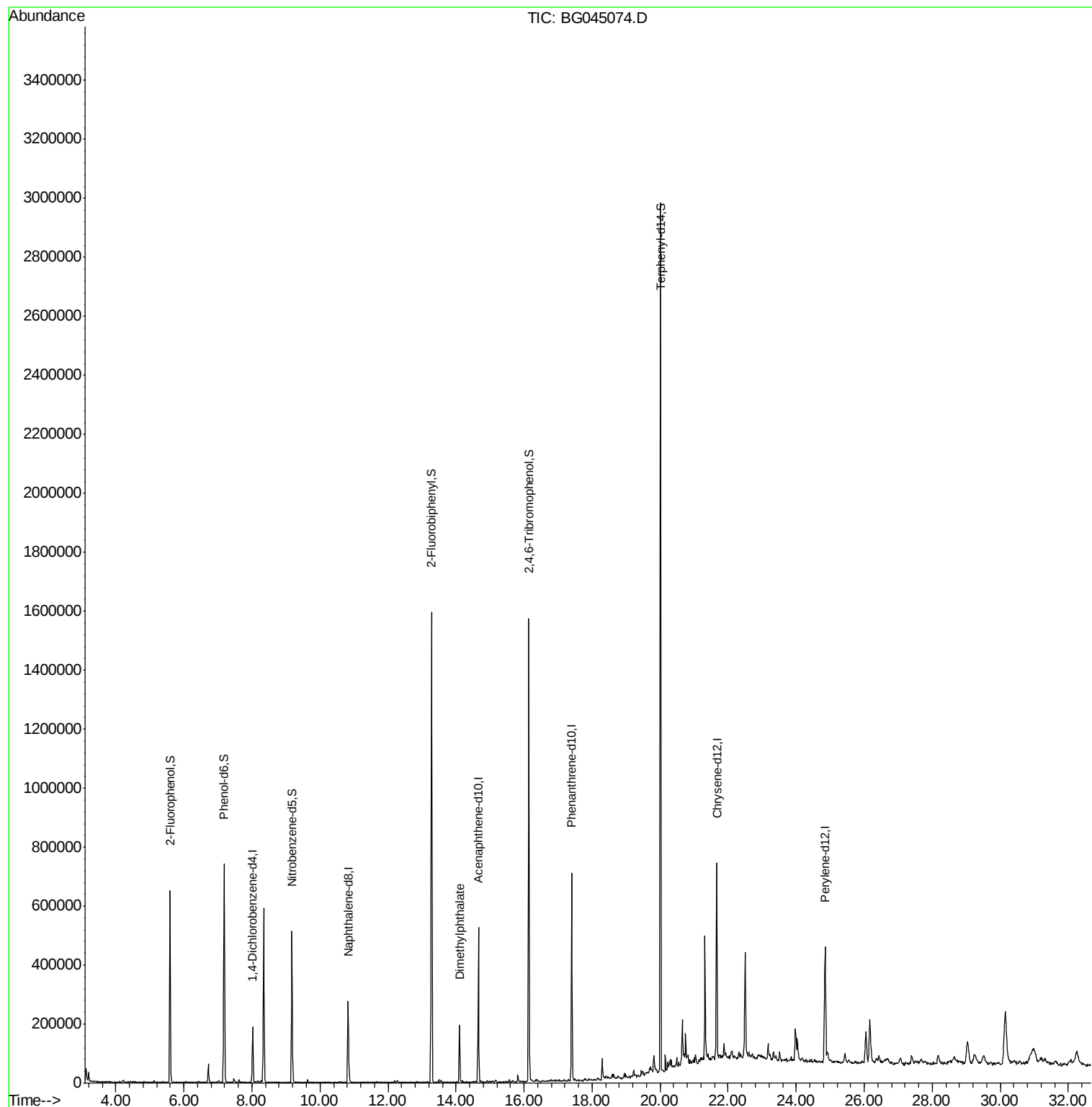
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 57487    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.83 | 136  | 248815   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.66 | 164  | 195385   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.40 | 188  | 455483   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.66 | 240  | 419742   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 24.85 | 264  | 445015   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.59  | 112  | 309070   | 88.76  | ng    | 0.00         |
| 7) Phenol-d6                | 7.18  | 99   | 464095   | 89.71  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 348389   | 63.89  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 309924   | 102.68 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.28 | 172  | 901210   | 67.63  | ng    | 0.00         |
| 79) Terphenyl-d14           | 20.01 | 244  | 1494996  | 77.63  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 14.10 | 163  | 132559   | 8.332  | ng    | Qvalue<br>99 |

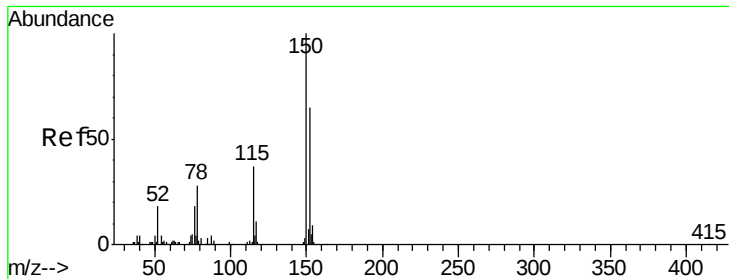
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L2271-04  
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ALS Vial : 45 Sample Multiplier: 1

Instrument :  
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QLast Update : Fri Apr 17 11:08:29 2020  
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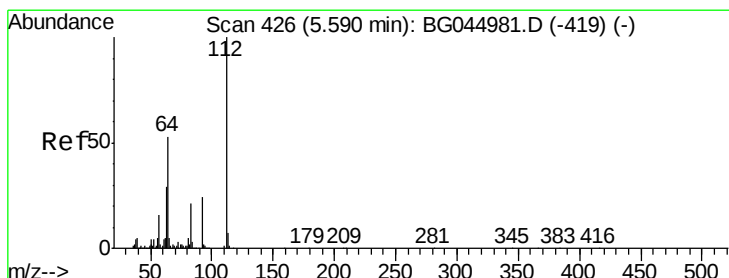
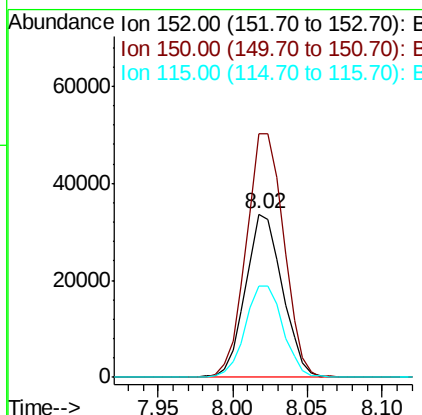
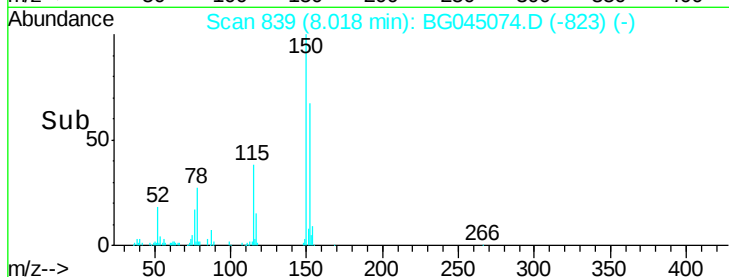
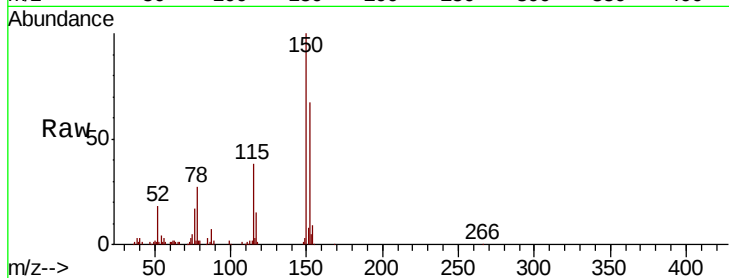




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.02 min Scan# 839  
 Delta R.T. -0.01 min  
 Lab File: BG045074.D  
 Acq: 18 Apr 2020 19:41

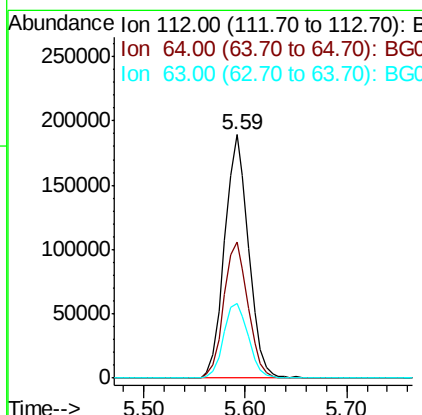
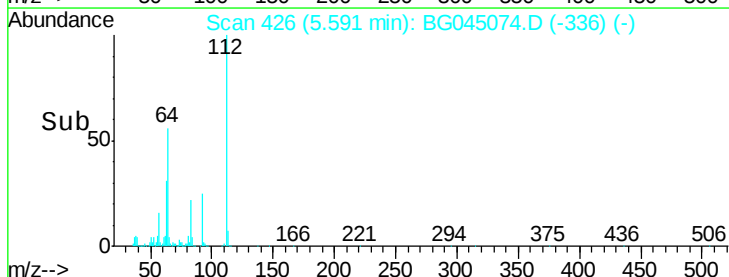
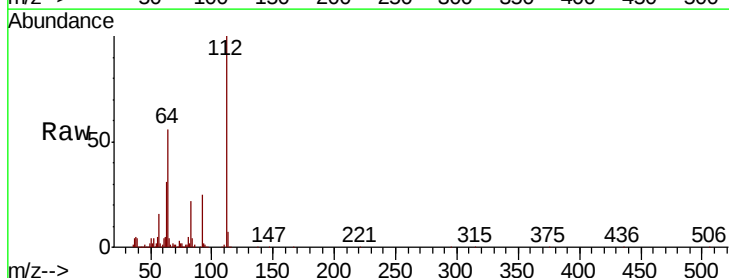
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG-4

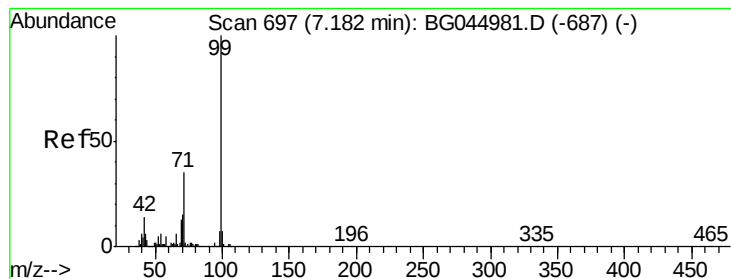
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:152 | Resp: | 57487       |
| Ion         | Ratio | Lower Upper |
| 152         | 100   |             |
| 150         | 148.8 | 123.6 185.4 |
| 115         | 55.9  | 49.1 73.7   |



#5  
 2-Fluorophenol  
 Concen: 88.761 ng  
 RT: 5.59 min Scan# 426  
 Delta R.T. -0.00 min  
 Lab File: BG045074.D  
 Acq: 18 Apr 2020 19:41

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:112 | Resp: | 309070      |
| Ion         | Ratio | Lower Upper |
| 112         | 100   |             |
| 64          | 56.0  | 42.4 63.6   |
| 63          | 30.8  | 23.1 34.7   |





#7

Phenol-d6

Concen: 89.707 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045074.D

Acq: 18 Apr 2020 19:41

Instrument :

BNA\_G

ClientSampleId :

BG-4

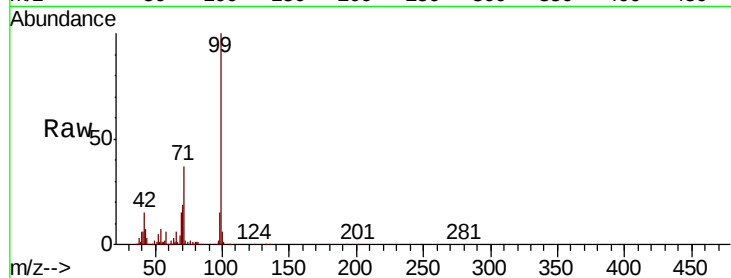
Tot Ion: 99 Resp: 464095

Ion Ratio Lower Upper

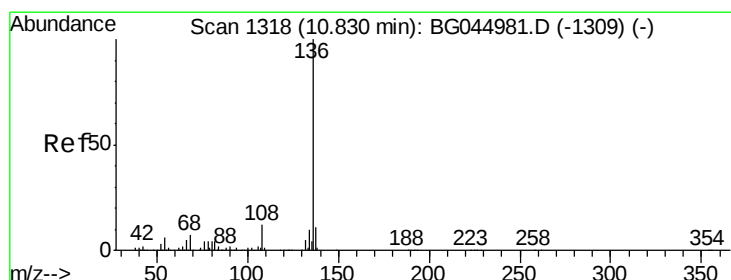
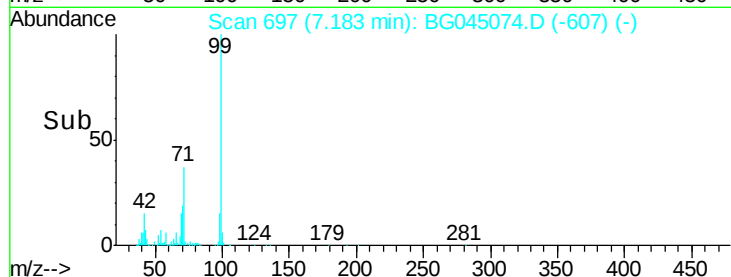
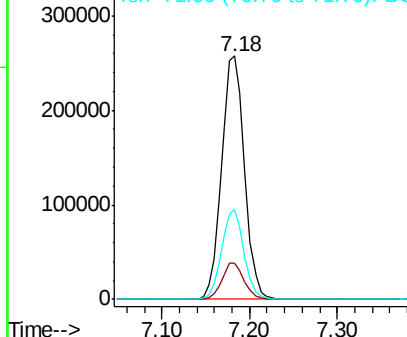
99 100

42 15.0 11.3 16.9

71 36.9 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: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG045074.D

Acq: 18 Apr 2020 19:41

Tgt Ion: 136 Resp: 248815

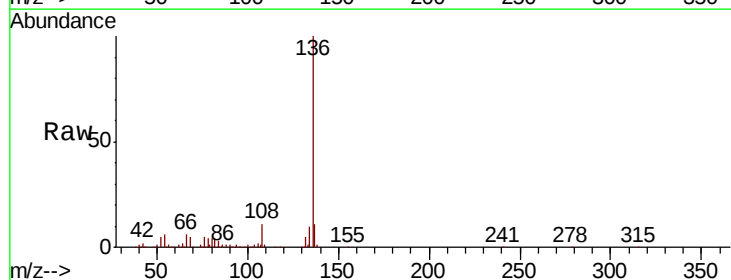
Ion Ratio Lower Upper

136 100

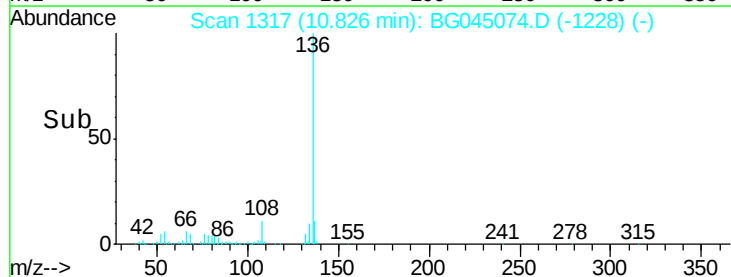
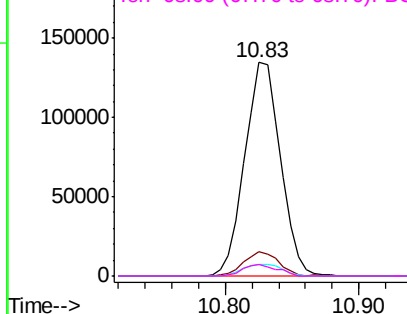
137 11.1 8.6 13.0

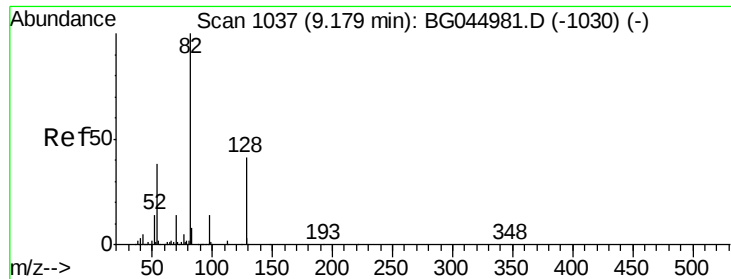
54 5.6 4.8 7.2

68 5.4 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

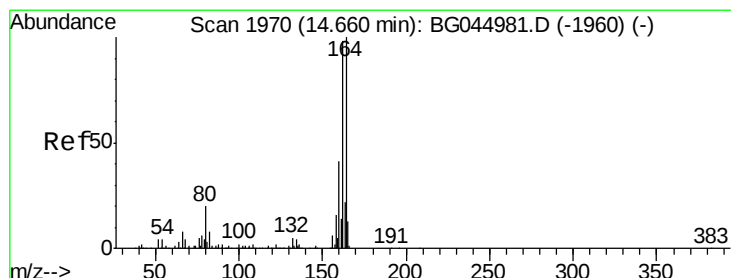
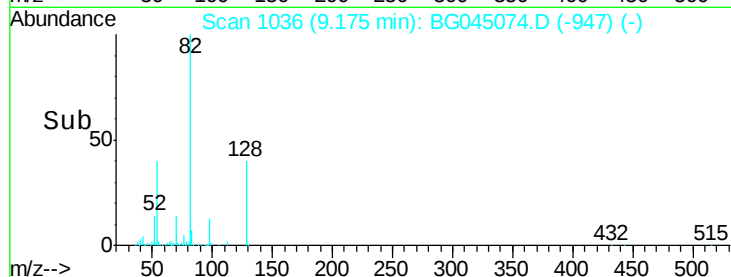
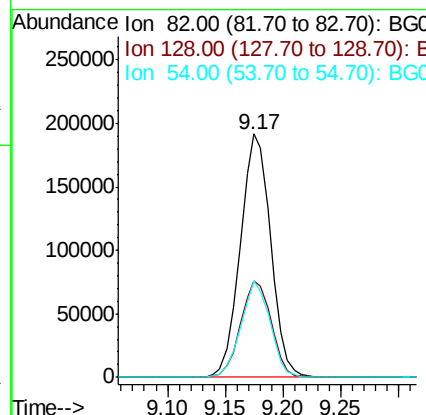
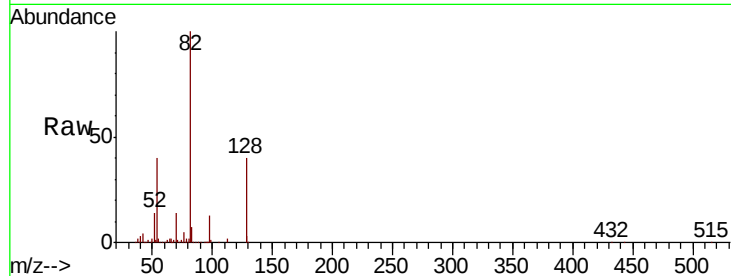




#23  
 Nitrobenzene-d5  
 Concen: 63.889 ng  
 RT: 9.17 min Scan# 1036  
 Delta R.T. -0.01 min  
 Lab File: BG045074.D  
 Acq: 18 Apr 2020 19:41

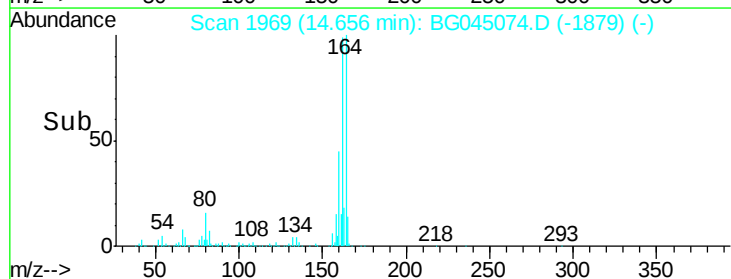
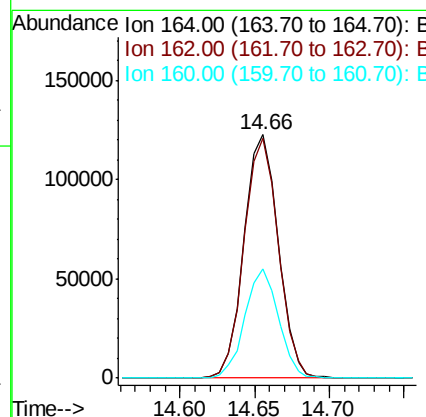
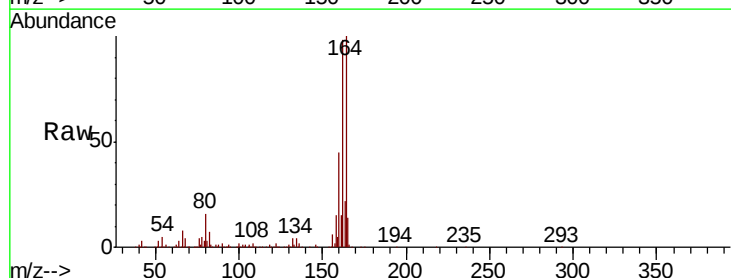
Instrument :  
 BNA\_G  
 ClientSampled :  
 BG-4

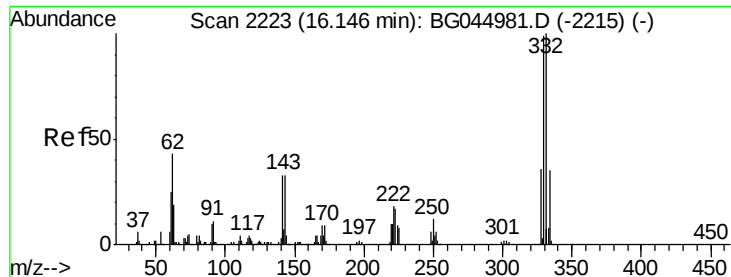
| Tot Ion   | 82    | Resp  | 348389 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.8  | 33.0  | 49.4   |
| 54        | 39.6  | 30.4  | 45.6   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.66 min Scan# 1969  
 Delta R.T. -0.00 min  
 Lab File: BG045074.D  
 Acq: 18 Apr 2020 19:41

| Tgt Ion   | 164   | Resp  | 195385 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.4  | 78.7  | 118.1  |
| 160       | 44.6  | 32.8  | 49.2   |

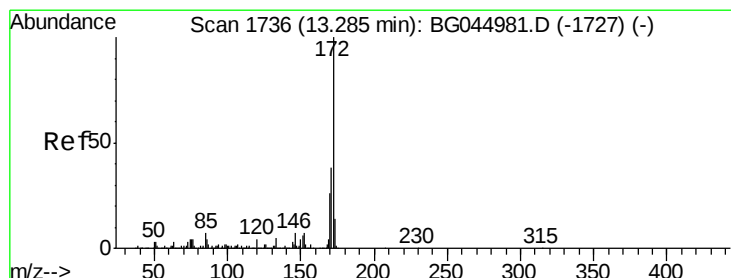
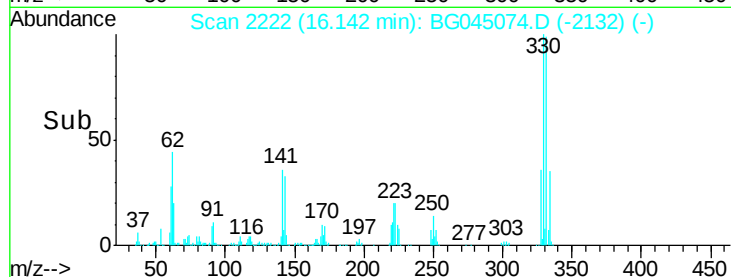
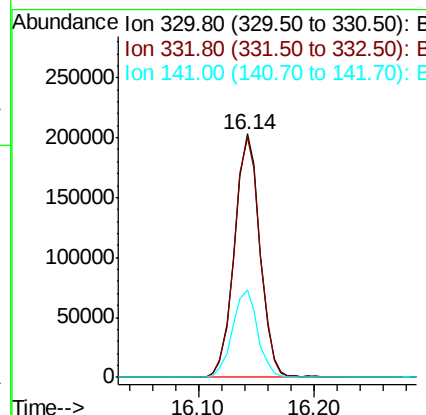
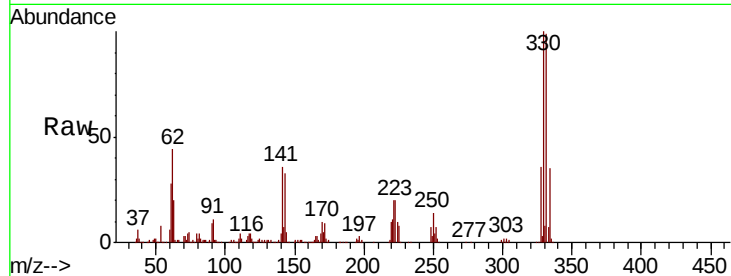




#42  
 2,4,6-Tribromophenol  
 Concen: 102.677 ng  
 RT: 16.14 min Scan# 2222  
 Delta R.T. -0.00 min  
 Lab File: BG045074.D  
 Acq: 18 Apr 2020 19:41

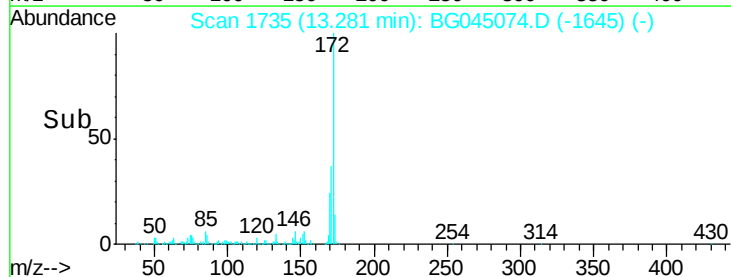
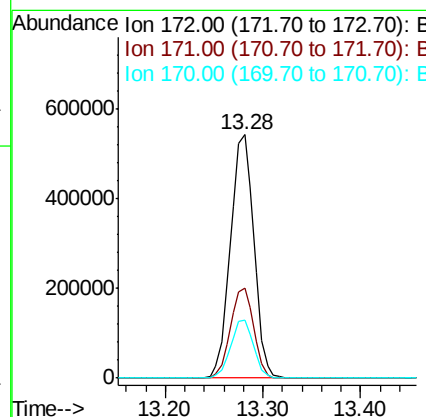
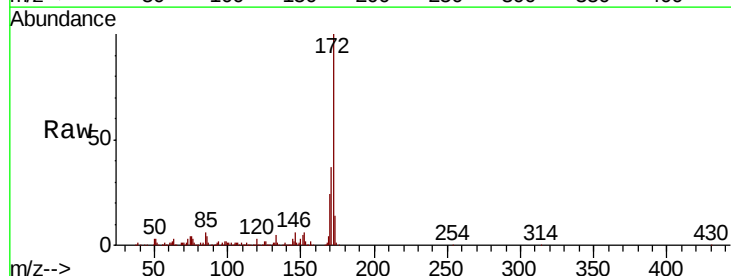
Instrument :  
 BNA\_G  
 ClientSampled :  
 BG-4

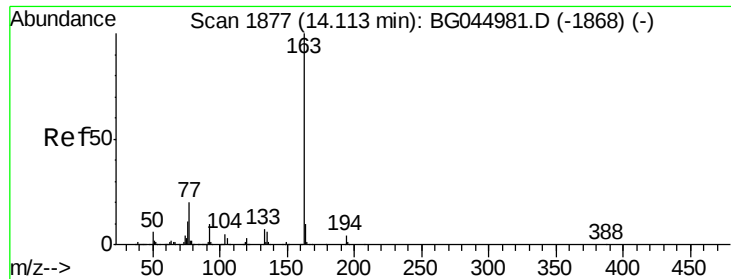
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.2  | 79.1  | 118.7 |
| 141     | 35.5  | 27.1  | 40.7  |



#45  
 2-Fluorobiphenyl  
 Concen: 67.634 ng  
 RT: 13.28 min Scan# 1735  
 Delta R.T. -0.00 min  
 Lab File: BG045074.D  
 Acq: 18 Apr 2020 19:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.1  | 30.6  | 46.0  |
| 170     | 23.9  | 20.5  | 30.7  |

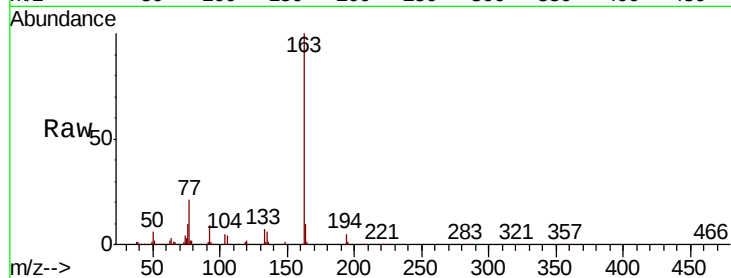




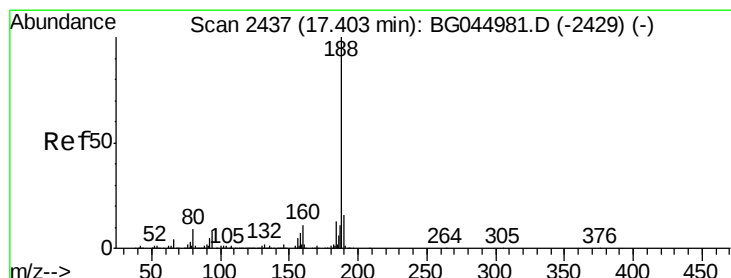
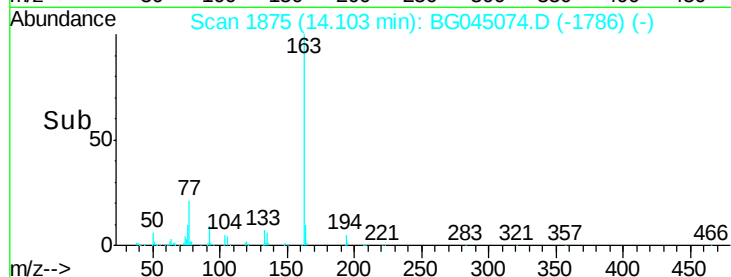
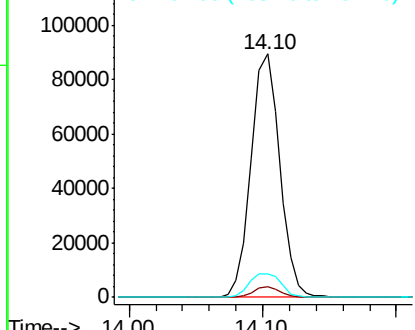
#50  
Dimethylphthalate  
Concen: 8.332 ng  
RT: 14.10 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: BG045074.D  
Acq: 18 Apr 2020 19:41

Instrument :  
BNA\_G  
ClientSampleId :  
BG-4

Tot Ion:163 Resp: 132559  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.5 5.3  
164 9.6 8.2 12.4

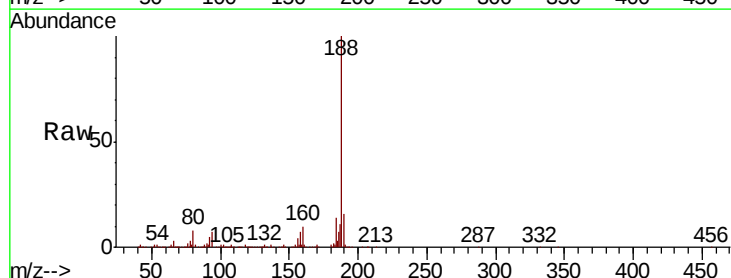


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

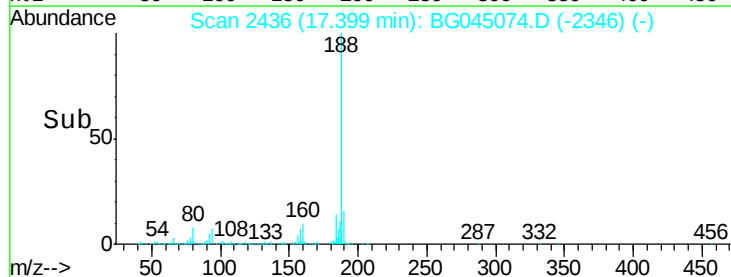
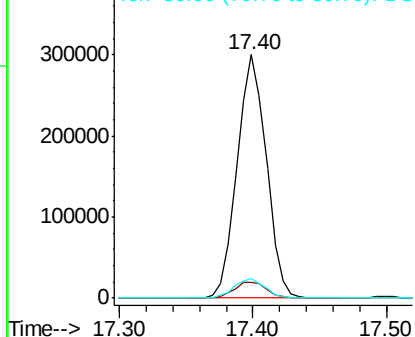


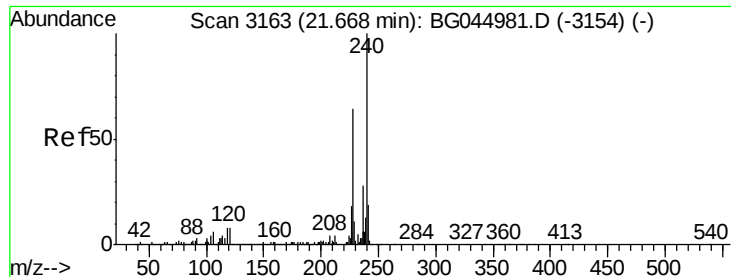
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2436  
Delta R.T. -0.00 min  
Lab File: BG045074.D  
Acq: 18 Apr 2020 19:41

Tgt Ion:188 Resp: 455483  
Ion Ratio Lower Upper  
188 100  
94 6.6 6.2 9.4  
80 8.0 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

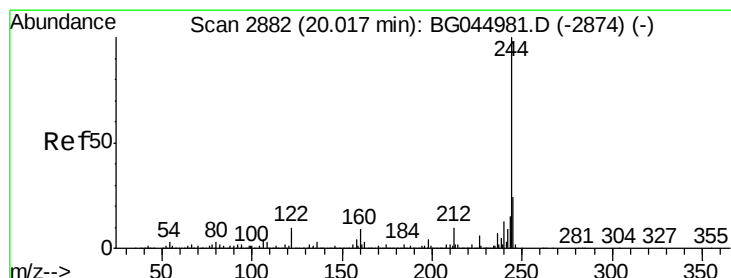
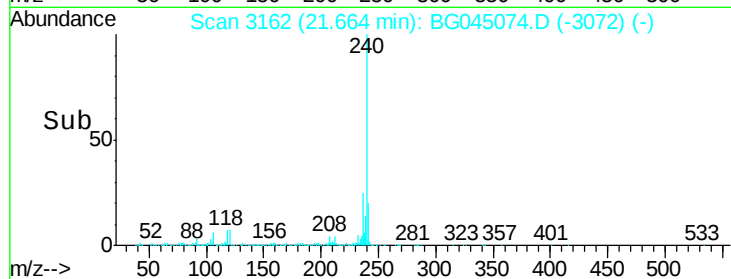
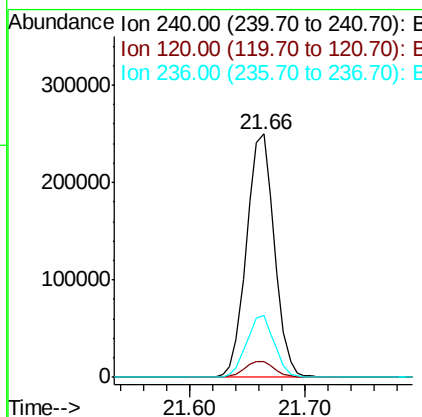
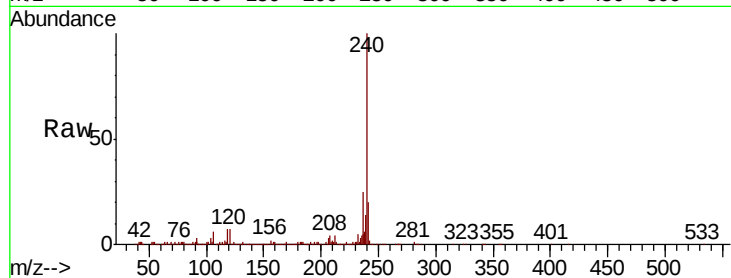




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.66 min Scan# 3162  
 Delta R.T. -0.00 min  
 Lab File: BG045074.D  
 Acq: 18 Apr 2020 19:41

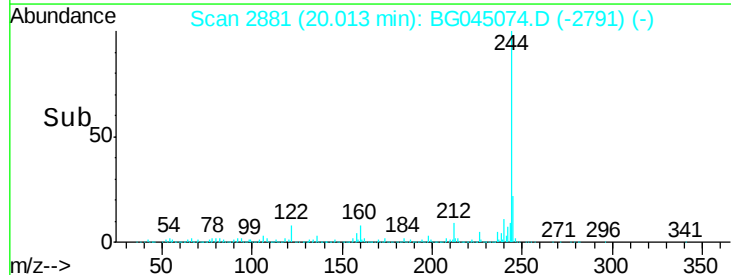
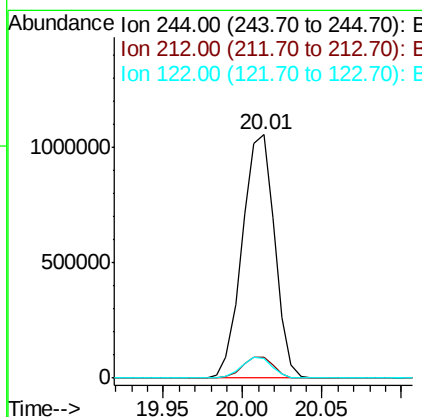
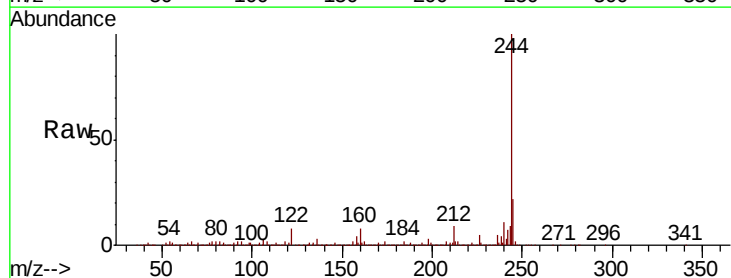
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG-4

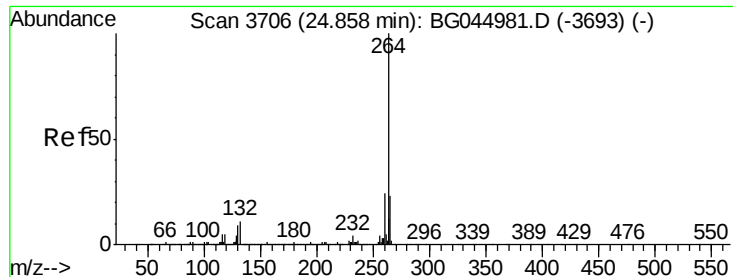
Tot Ion:240 Resp: 419742  
 Ion Ratio Lower Upper  
 240 100  
 120 6.7 6.6 10.0  
 236 25.4 22.2 33.2



#79  
 Terphenyl-d14  
 Concen: 77.630 ng  
 RT: 20.01 min Scan# 2881  
 Delta R.T. -0.00 min  
 Lab File: BG045074.D  
 Acq: 18 Apr 2020 19:41

Tgt Ion:244 Resp: 1494996  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 7.9 11.9  
 122 8.0 7.7 11.5





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.85 min Scan# 3704  
Delta R.T. -0.01 min  
Lab File: BG045074.D  
Acq: 18 Apr 2020 19:41

Instrument :  
BNA\_G  
ClientSampleId :  
BG-4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.2  | 28.8  |
| 265     | 22.3  | 19.0  | 28.4  |

