

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\  
 Data File : BG039789.D  
 Acq On : 6 Mar 2019 16:08  
 Operator : JU/SJ  
 Sample : K1704-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PST-028-B106-022719

Quant Time: Mar 07 00:38:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

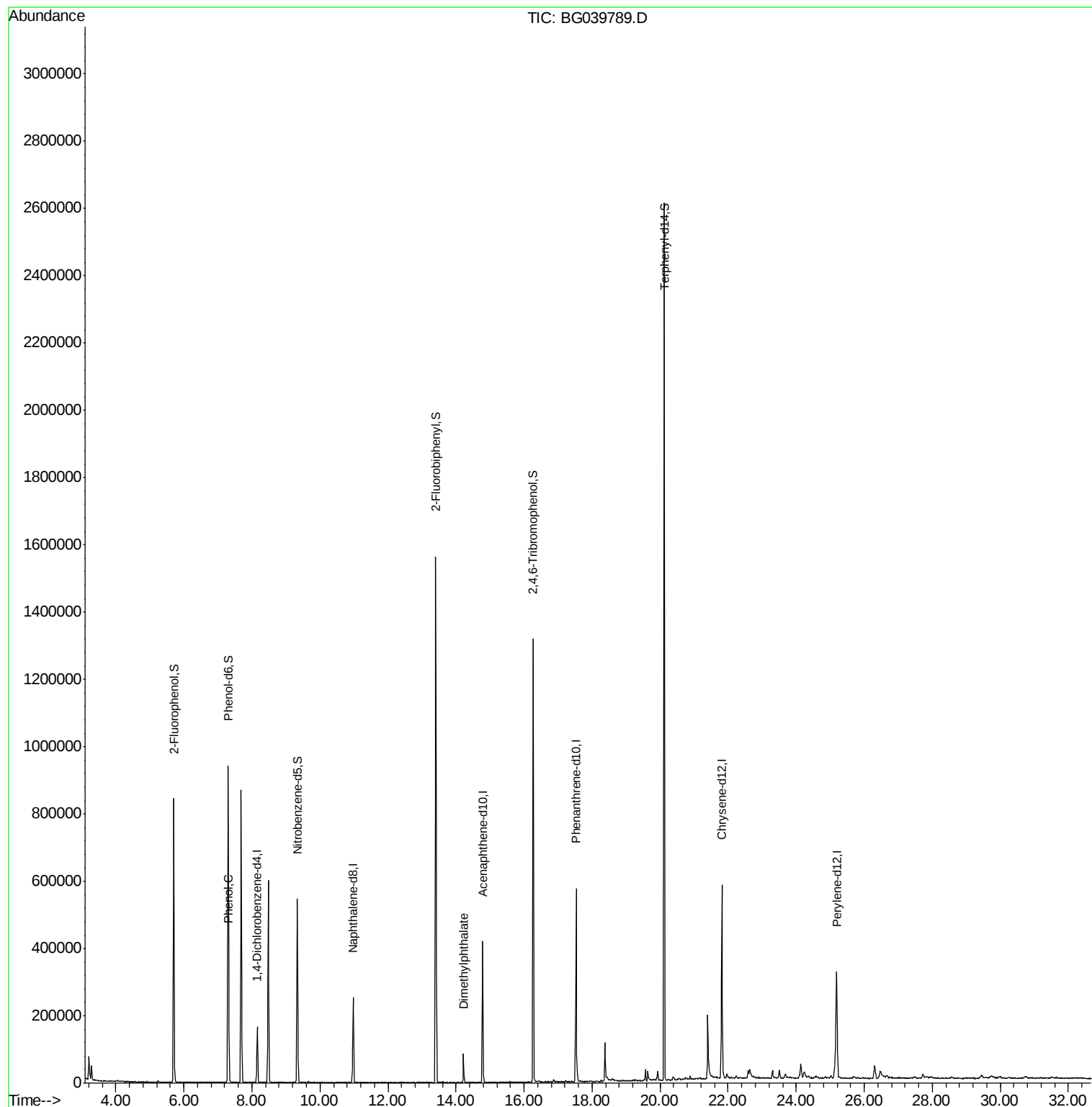
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.16  | 152  | 47025    | 20.00  | ng    | -0.01       |
| 21) Naphthalene-d8          | 10.98 | 136  | 215294   | 20.00  | ng    | -0.01       |
| 39) Acenaphthene-d10        | 14.78 | 164  | 150155   | 20.00  | ng    | -0.01       |
| 64) Phenanthrene-d10        | 17.52 | 188  | 362954   | 20.00  | ng    | -0.01       |
| 76) Chrysene-d12            | 21.81 | 240  | 356676   | 20.00  | ng    | -0.02       |
| 87) Perylene-d12            | 25.18 | 264  | 358822   | 20.00  | ng    | -0.02       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.70  | 112  | 357131   | 129.56 | ng    | 0.00        |
| 7) Phenol-d6                | 7.30  | 99   | 541434   | 131.74 | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 9.33  | 82   | 319751   | 80.32  | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 16.27 | 330  | 223046   | 127.44 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 13.40 | 172  | 803283   | 76.17  | ng    | -0.01       |
| 79) Terphenyl-d14           | 20.12 | 244  | 1198279  | 73.97  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 7.32  | 94   | 11096    | 2.492  | ng    | Qvalue # 71 |
| 50) Dimethylphthalate       | 14.22 | 163  | 56932    | 4.534  | ng    | 99          |

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

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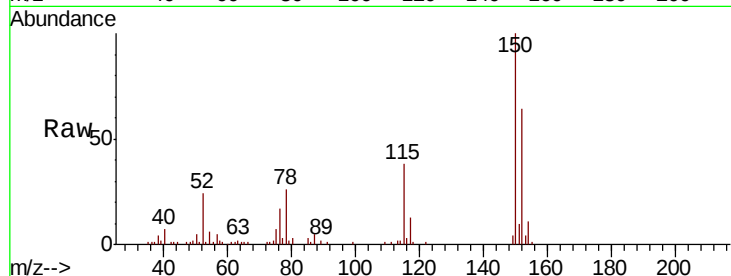


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.16 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: BG039789.D  
Acq: 6 Mar 2019 16:08

Instrument :  
BNA\_G  
ClientSampleId :  
PST-028-B106-022719

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.2 | 123.7 | 185.5 |
| 115     | 59.1  | 45.9  | 68.9  |

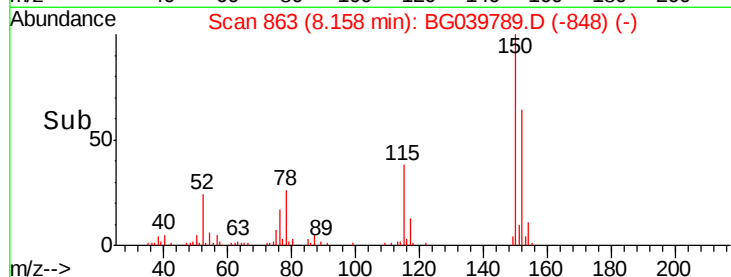
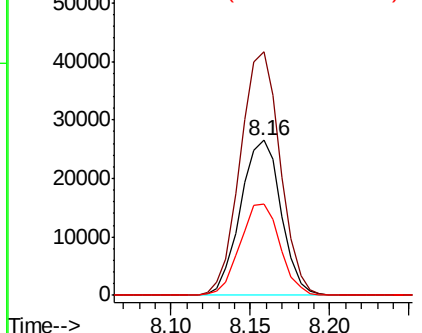


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

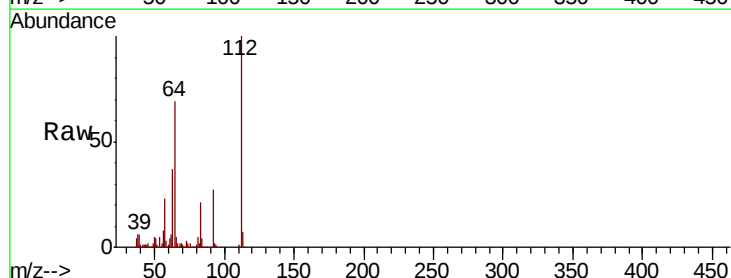
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 129.563 ng  
RT: 5.70 min Scan# 445  
Delta R.T. -0.01 min  
Lab File: BG039789.D  
Acq: 6 Mar 2019 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 69.3  | 57.8  | 86.8  |
| 63      | 36.5  | 29.8  | 44.6  |

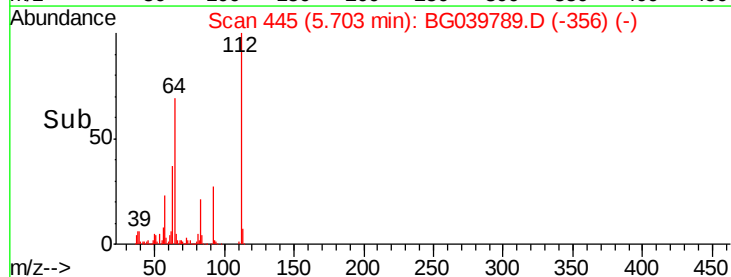
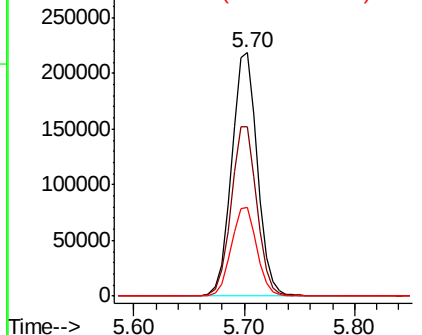


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 131.736 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

Instrument :

BNA\_G

ClientSampleId :

PST-028-B106-022719

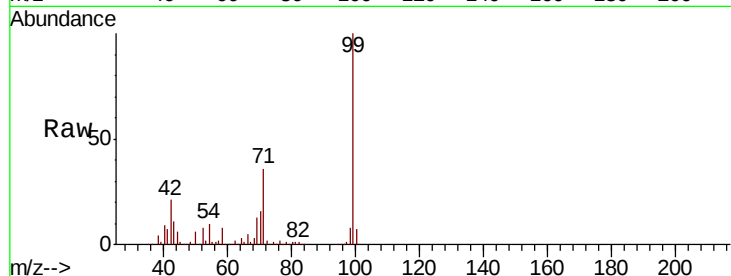
Tot Ion: 99 Resp: 541434

Ion Ratio Lower Upper

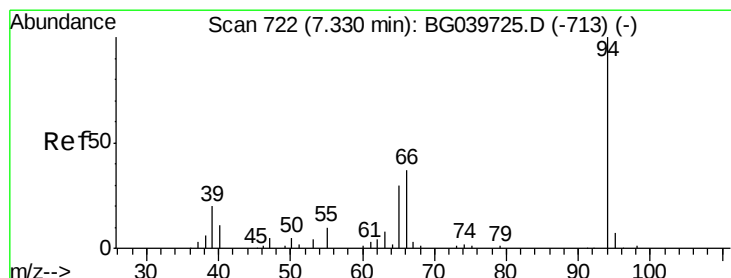
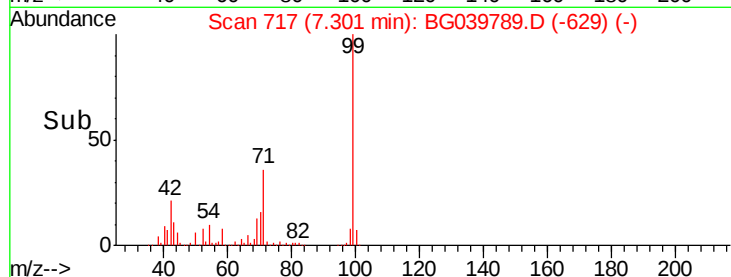
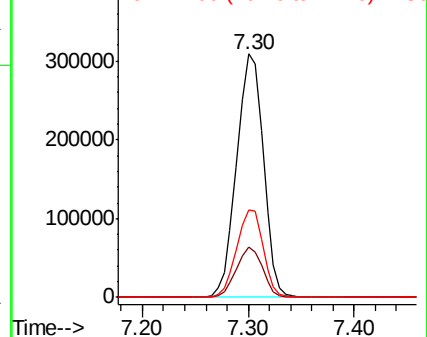
99 100

42 20.6 18.2 27.2

71 35.7 28.0 42.0



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



#10

Phenol

Concen: 2.492 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

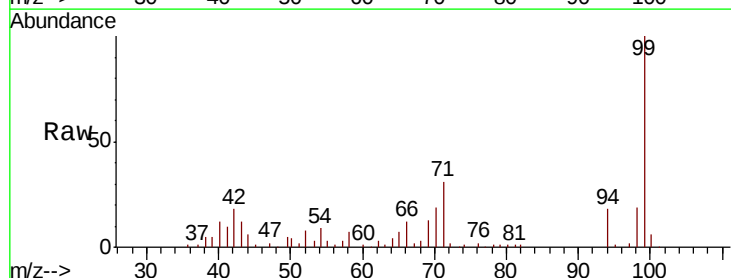
Tgt Ion: 94 Resp: 11096

Ion Ratio Lower Upper

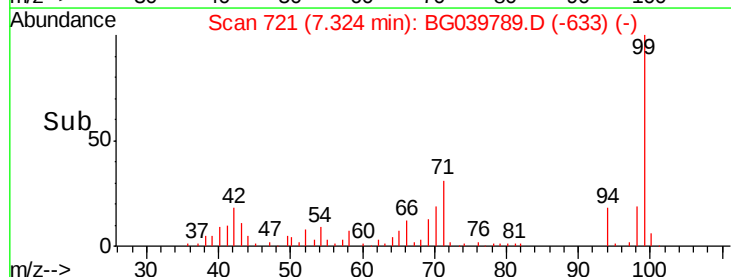
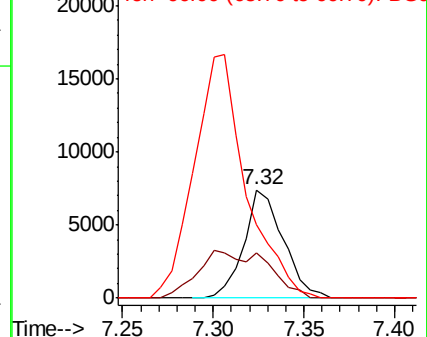
94 100

65 41.4 11.7 51.7

66 68.0 23.7 63.7#



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

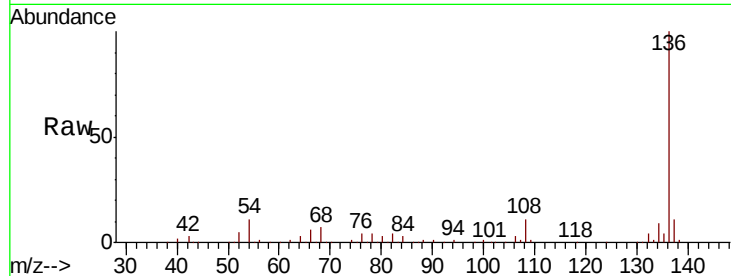




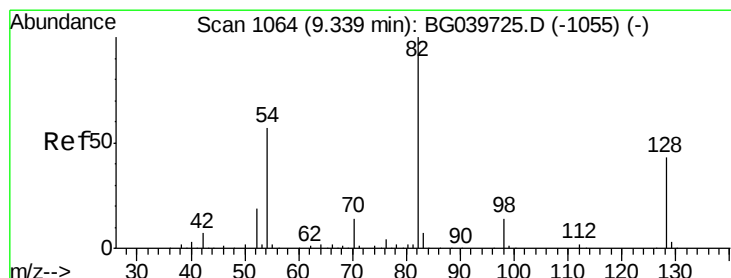
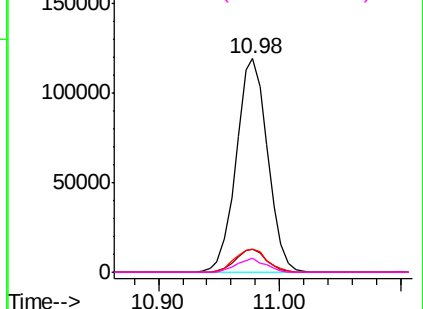
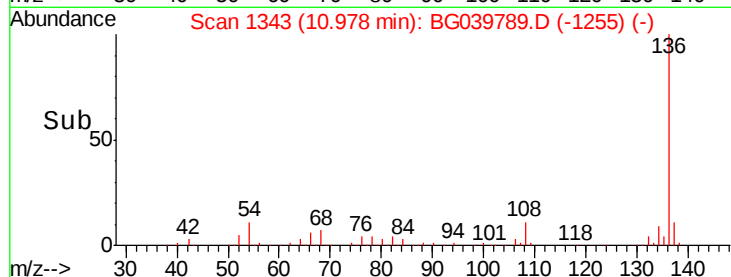
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BG039789.D  
Acq: 6 Mar 2019 16:08

Instrument :  
BNA\_G  
ClientSampleId :  
PST-028-B106-022719

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 215294   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.5  | 9.1 13.7 |
| 54          | 10.9  | 9.4 14.2 |
| 68          | 6.7   | 4.2 6.4# |

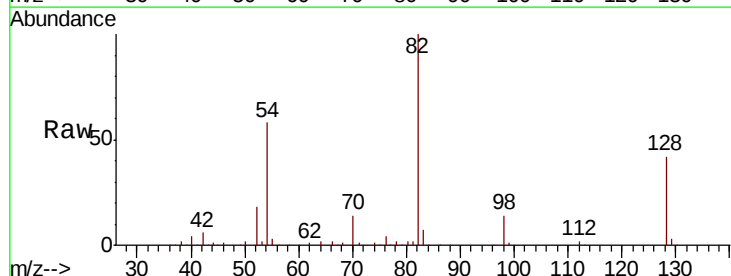


Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

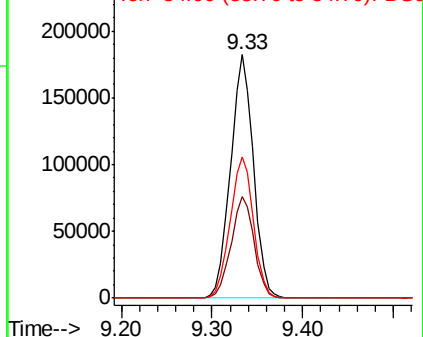
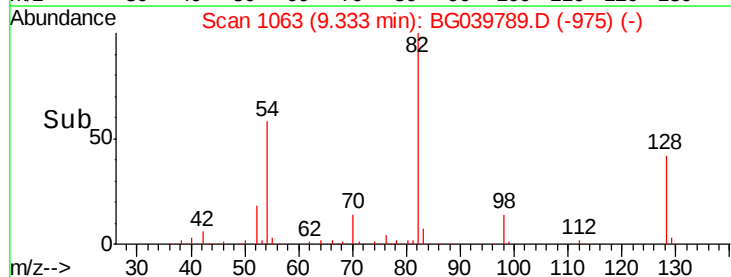


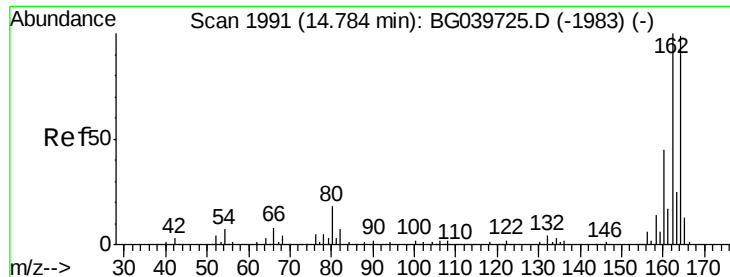
#23  
Nitrobenzene-d5  
Concen: 80.325 ng  
RT: 9.33 min Scan# 1063  
Delta R.T. -0.01 min  
Lab File: BG039789.D  
Acq: 6 Mar 2019 16:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 319751    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 41.7  | 31.3 46.9 |
| 54          | 58.0  | 50.9 76.3 |



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: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

Instrument :

BNA\_G

ClientSampleId :

PST-028-B106-022719

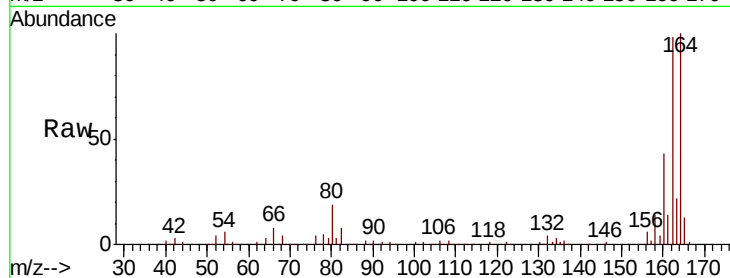
Tot Ion:164 Resp: 150155

Ion Ratio Lower Upper

164 100

162 97.9 81.6 122.4

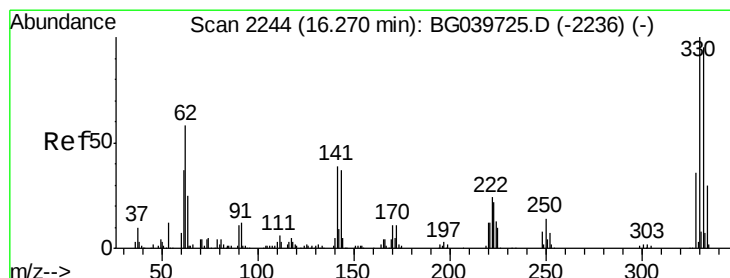
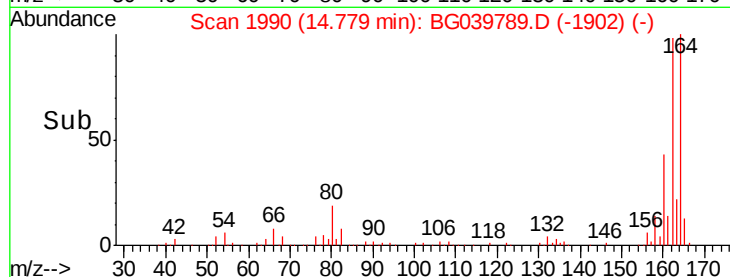
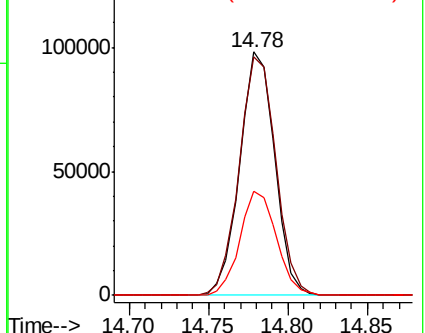
160 42.7 34.2 51.2



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: 127.443 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

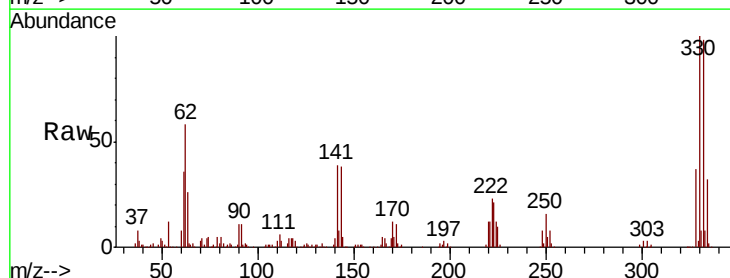
Tgt Ion:330 Resp: 223046

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

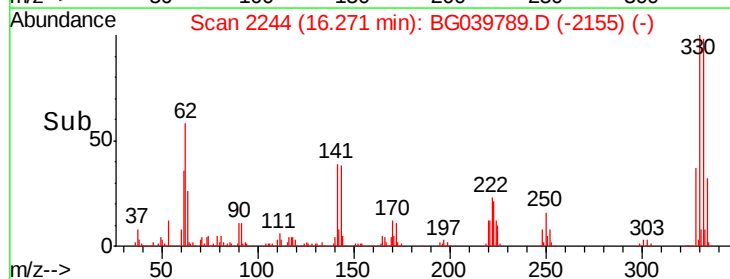
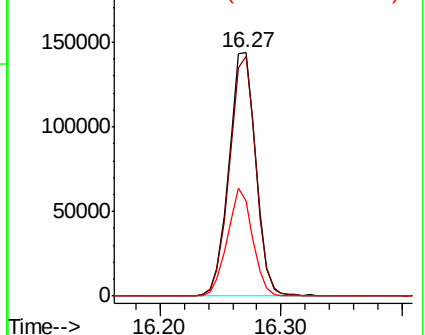
141 41.4 35.6 53.4



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

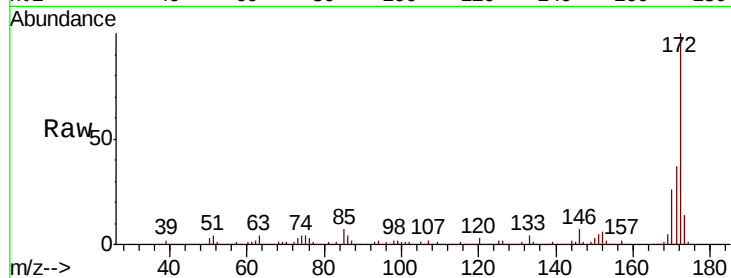




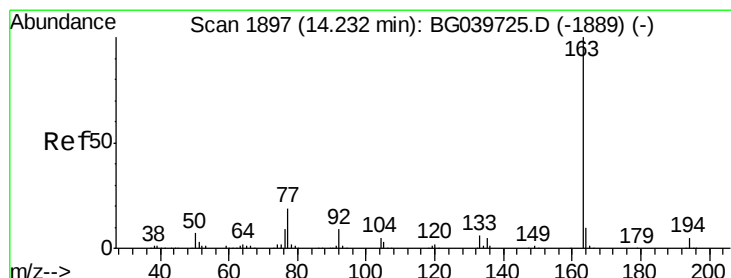
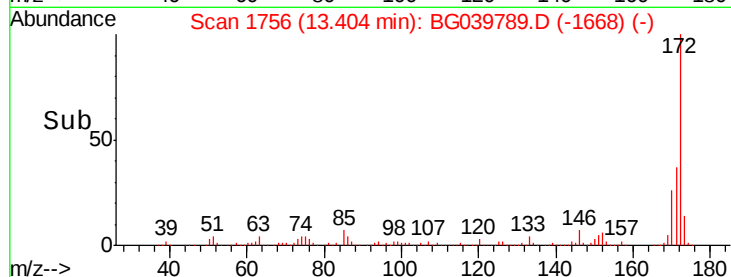
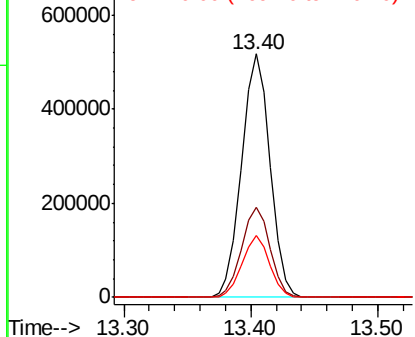
#45  
2-Fluorobiphenyl  
Concen: 76.171 ng  
RT: 13.40 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BG039789.D  
Acq: 6 Mar 2019 16:08

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Tot Ion:172 Resp: 803283  
Ion Ratio Lower Upper  
172 100  
171 36.8 30.8 46.2  
170 25.6 20.2 30.4

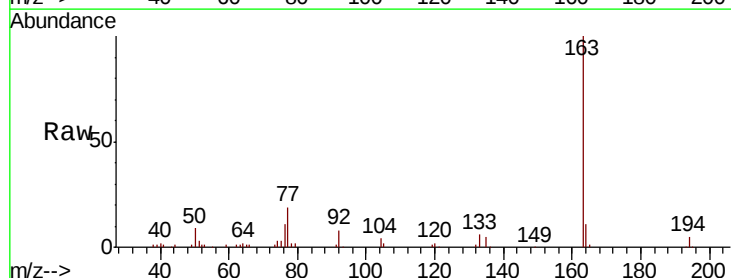


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

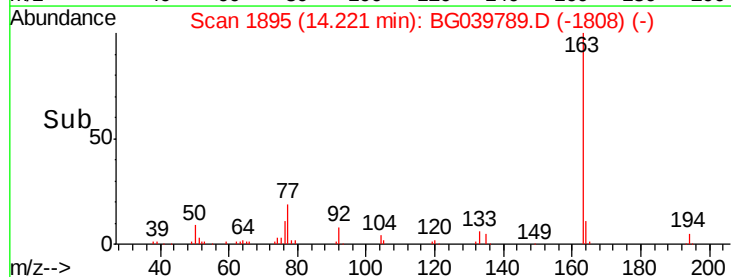
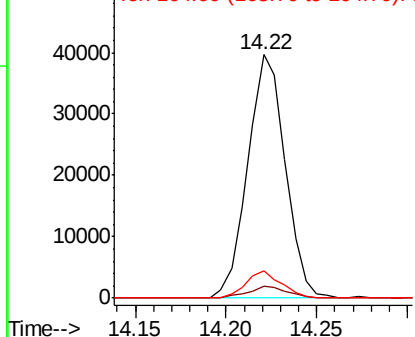


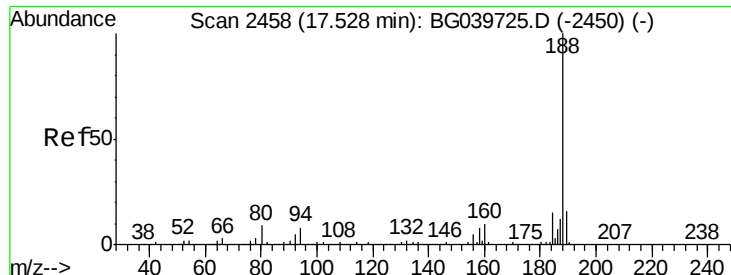
#50  
Dimethylphthalate  
Concen: 4.534 ng  
RT: 14.22 min Scan# 1895  
Delta R.T. -0.02 min  
Lab File: BG039789.D  
Acq: 6 Mar 2019 16:08

Tgt Ion:163 Resp: 56932  
Ion Ratio Lower Upper  
163 100  
194 5.0 3.6 5.4  
164 11.0 8.4 12.6



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

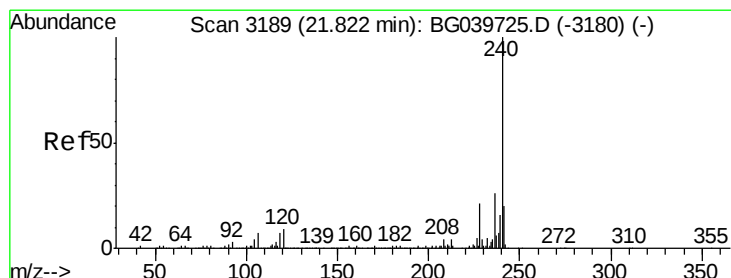
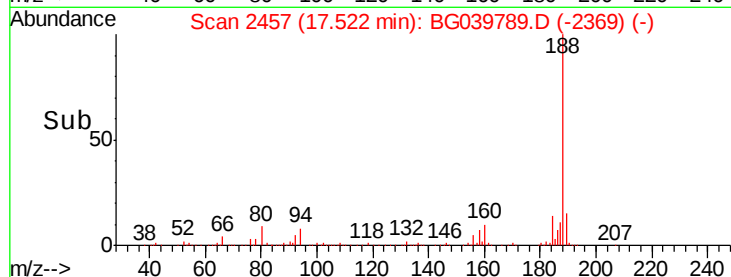
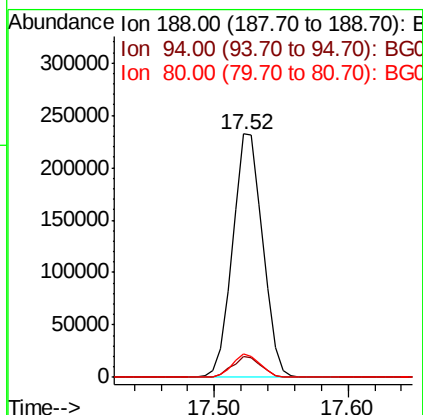
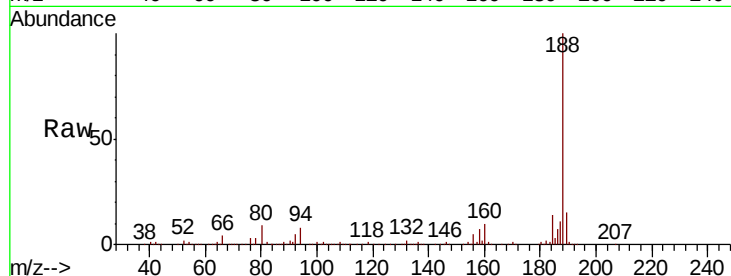




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.52 min Scan# 2457  
Delta R.T. -0.01 min  
Lab File: BG039789.D  
Acq: 6 Mar 2019 16:08

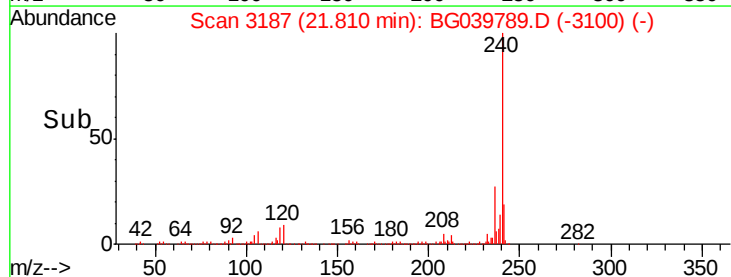
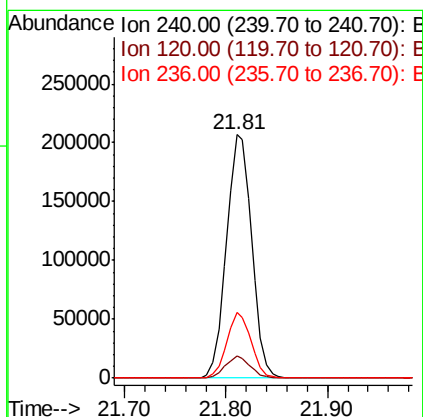
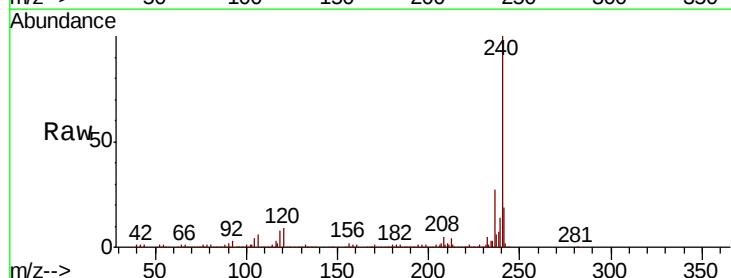
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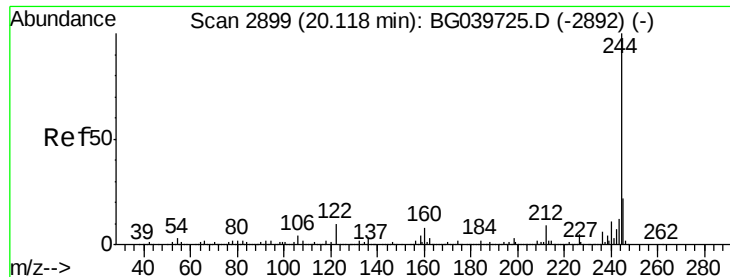
Tot Ion:188 Resp: 362954  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.9 10.3  
80 9.5 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.81 min Scan# 3187  
Delta R.T. -0.02 min  
Lab File: BG039789.D  
Acq: 6 Mar 2019 16:08

Tgt Ion:240 Resp: 356676  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.0 10.6  
236 27.2 21.0 31.4





#79

Terphenyl-d14

Concen: 73.971 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

Instrument :

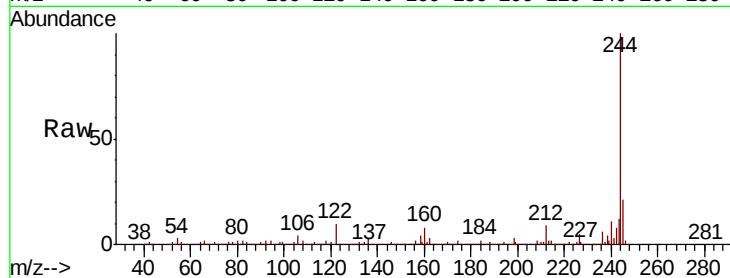
BNA\_G

ClientSampleId :

PST-028-B106-022719

Tot Ion:244 Resp: 1198279

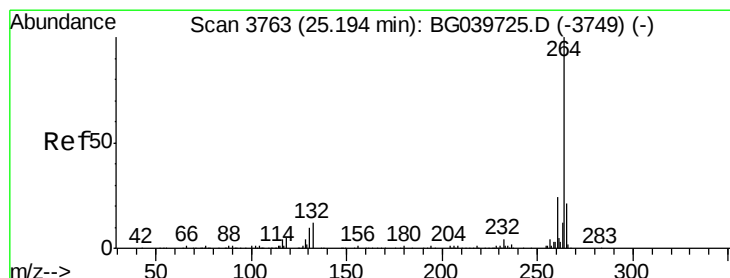
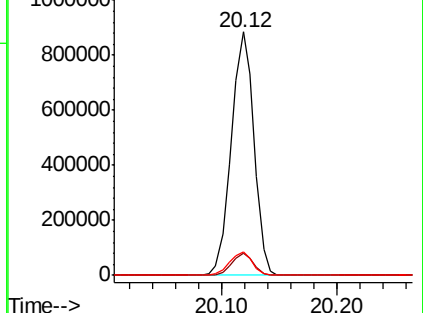
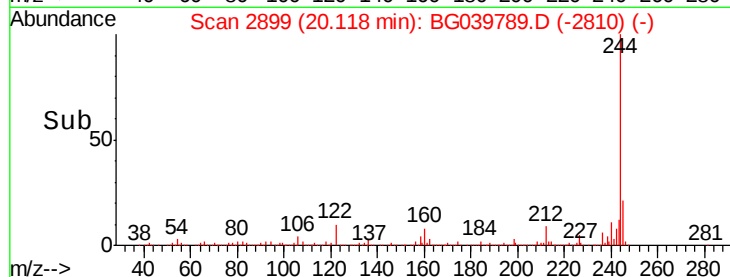
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.1   | 7.3   | 10.9  |
| 122 | 9.7   | 8.4   | 12.6  |



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

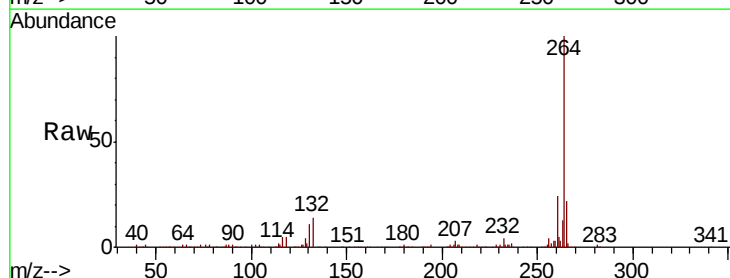
Delta R.T. -0.02 min

Lab File: BG039789.D

Acq: 6 Mar 2019 16:08

Tgt Ion:264 Resp: 358822

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.2  | 27.4  |
| 265 | 21.7  | 18.5  | 27.7  |



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

