

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG030819\  
 Data File : BG039820.D  
 Acq On : 8 Mar 2019 14:20  
 Operator : JU/SJ  
 Sample : K1807-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1

Quant Time: Mar 09 00:22:36 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

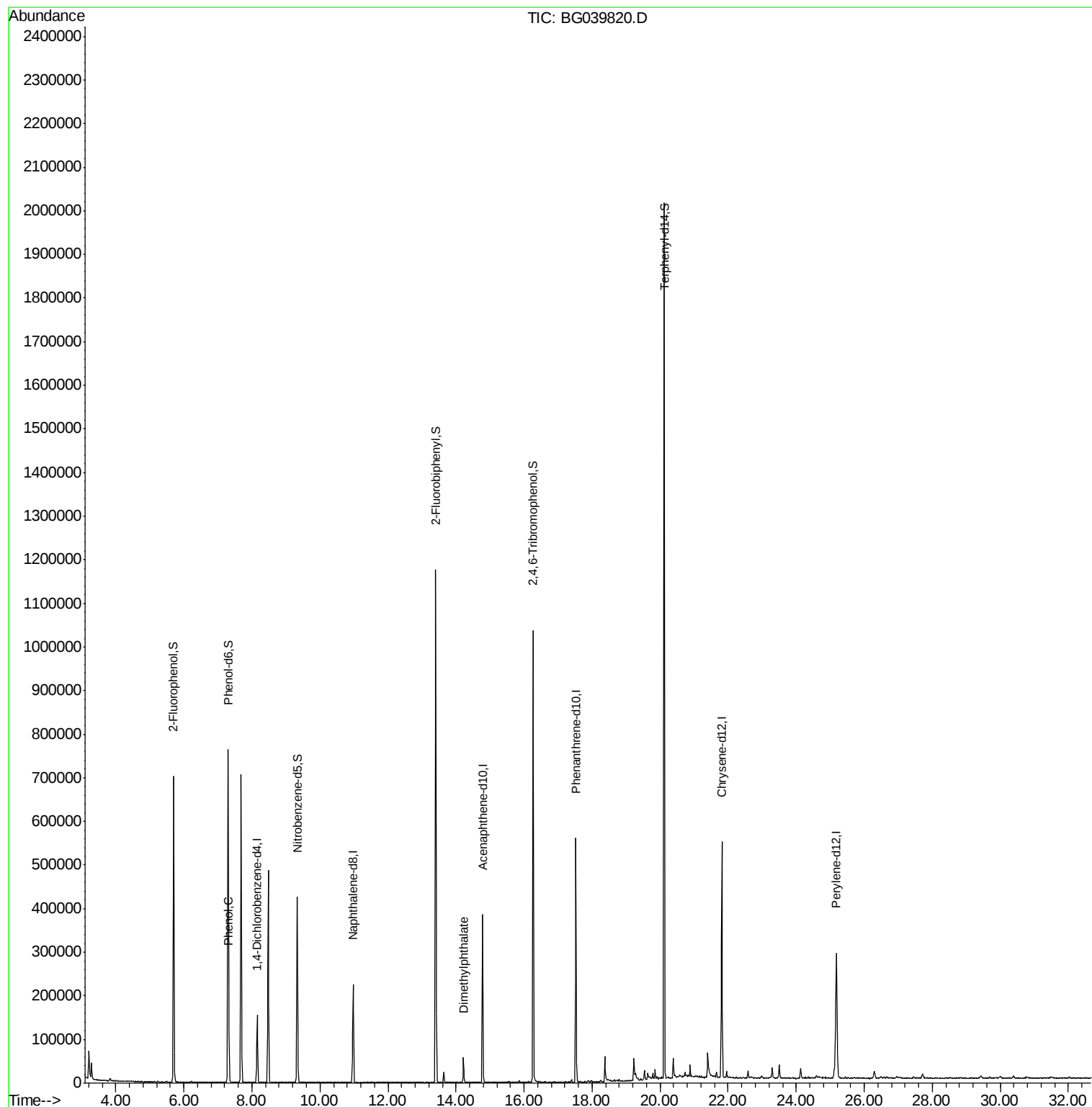
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.15  | 152  | 41962    | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.98 | 136  | 194706   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.78 | 164  | 138147   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 17.52 | 188  | 343270   | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.81 | 240  | 330991   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 25.18 | 264  | 335321   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.70  | 112  | 293345   | 119.26 | ng    | -0.01     |
| 7) Phenol-d6                | 7.30  | 99   | 443723   | 120.99 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 9.33  | 82   | 255202   | 70.89  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.26 | 330  | 177442   | 110.20 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 13.40 | 172  | 634975   | 65.44  | ng    | -0.01     |
| 79) Terphenyl-d14           | 20.12 | 244  | 947451   | 63.03  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 7.32  | 94   | 31219    | 7.858  | ng    | Qvalue 95 |
| 50) Dimethylphthalate       | 14.22 | 163  | 39218    | 3.395  | ng    | # 97      |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG030819\  
Data File : BG039820.D  
Acq On : 8 Mar 2019 14:20  
Operator : JU/SJ  
Sample : K1807-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

Quant Time: Mar 09 00:22:36 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



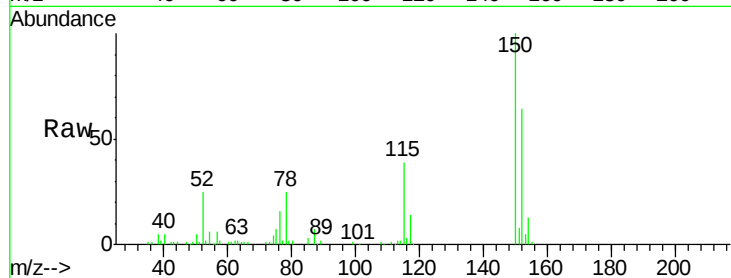


#1

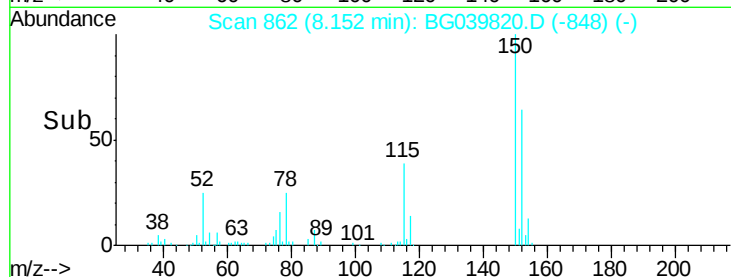
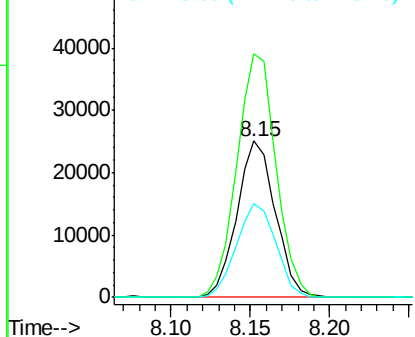
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 862  
Delta R.T. -0.02 min  
Lab File: BG039820.D  
Acq: 8 Mar 2019 14:20

Instrument :  
BNA\_G  
ClientSampled :  
TP-1

Tgt Ion:152 Resp: 41962  
Ion Ratio Lower Upper  
152 100  
150 155.6 123.7 185.5  
115 60.4 45.9 68.9



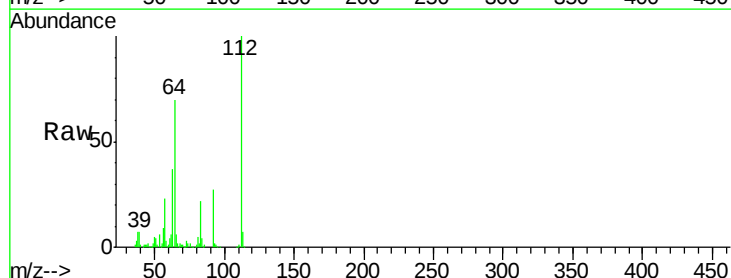
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



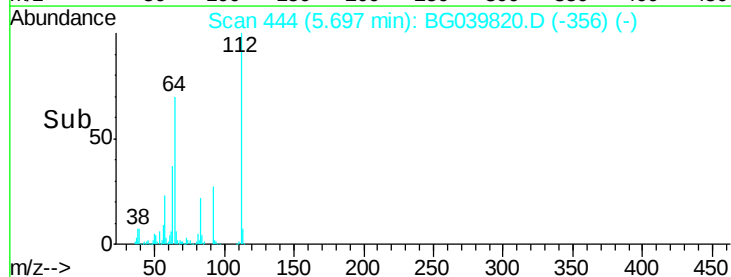
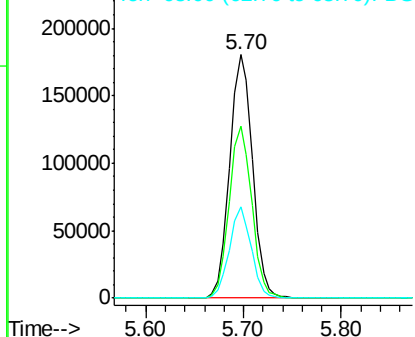
#5

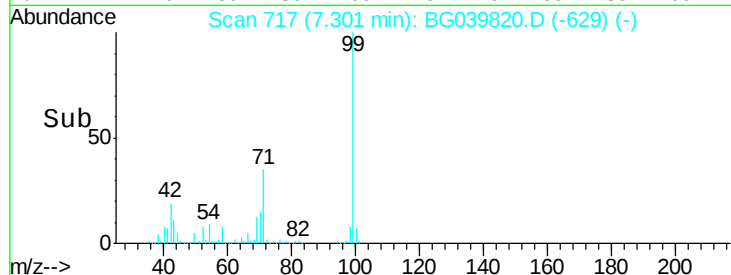
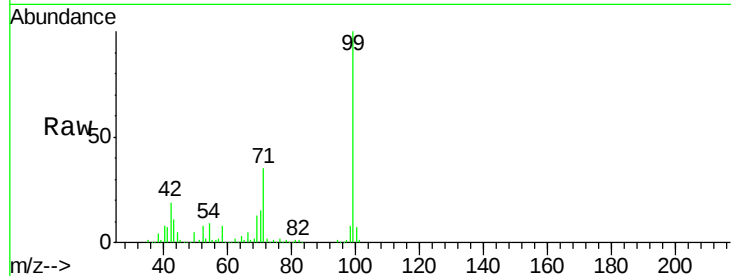
2-Fluorophenol  
Concen: 119.262 ng  
RT: 5.70 min Scan# 444  
Delta R.T. -0.01 min  
Lab File: BG039820.D  
Acq: 8 Mar 2019 14:20

Tgt Ion:112 Resp: 293345  
Ion Ratio Lower Upper  
112 100  
64 70.5 57.8 86.8  
63 37.4 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.988 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA\_G

ClientSampleId :

TP-1

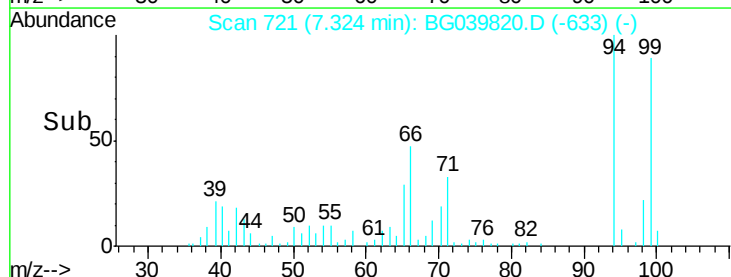
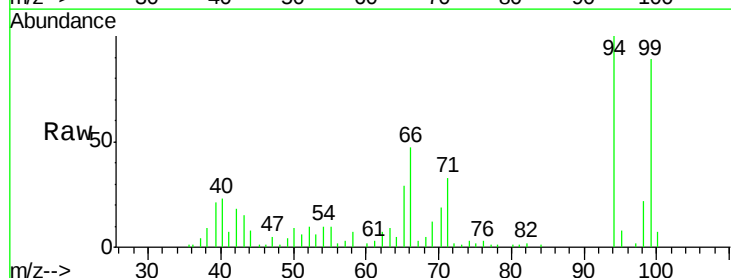
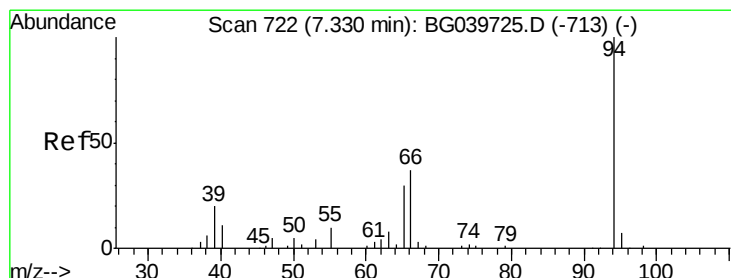
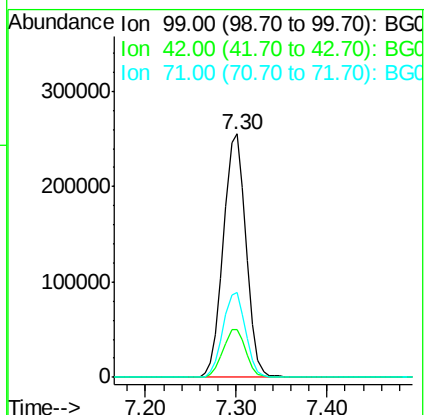
Tgt Ion: 99 Resp: 443723

Ion Ratio Lower Upper

99 100

42 19.4 18.2 27.2

71 34.9 28.0 42.0



#10

Phenol

Concen: 7.858 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

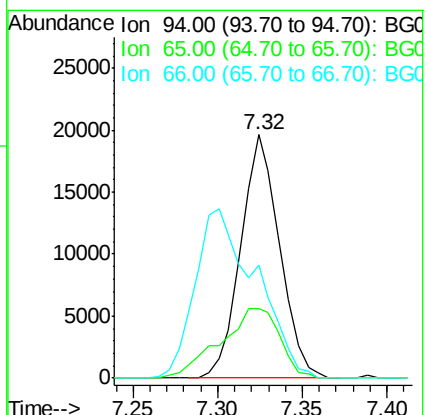
Tgt Ion: 94 Resp: 31219

Ion Ratio Lower Upper

94 100

65 28.6 11.7 51.7

66 46.5 23.7 63.7

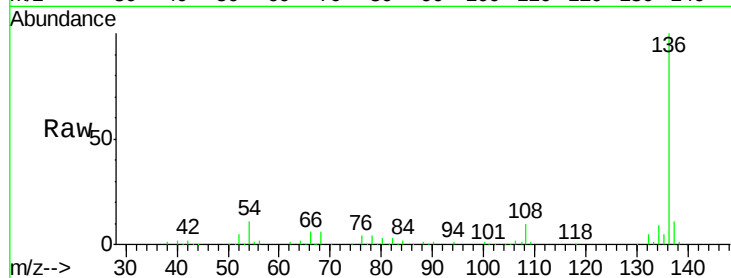




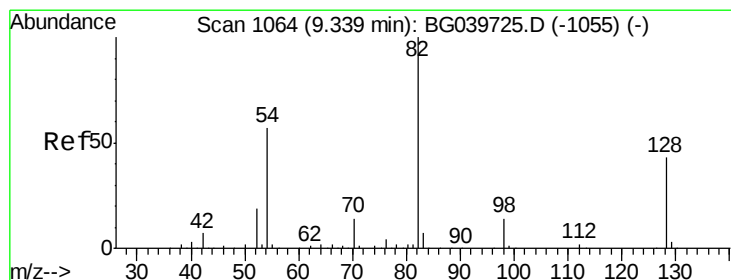
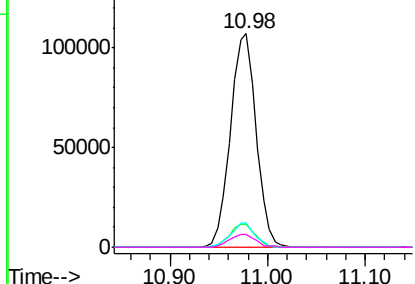
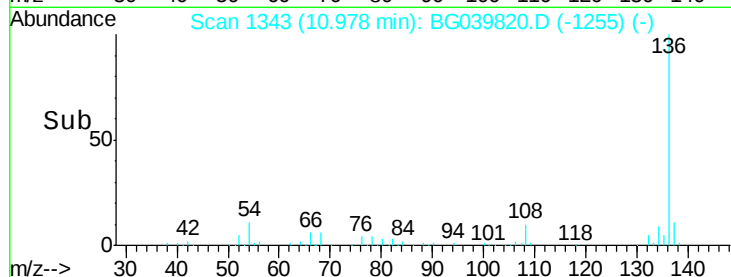
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BG039820.D  
Acq: 8 Mar 2019 14:20

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 194706 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 9.1   | 13.7   |
| 54       | 11.1  | 9.4   | 14.2   |
| 68       | 5.8   | 4.2   | 6.4    |

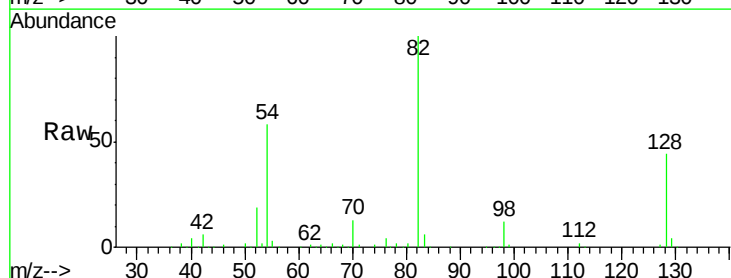


Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

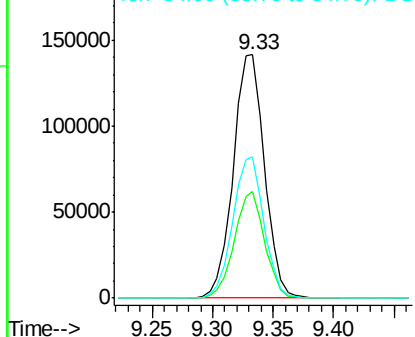
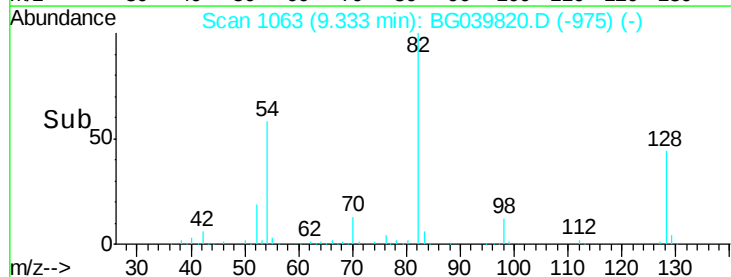


#23  
Nitrobenzene-d5  
Concen: 70.888 ng  
RT: 9.33 min Scan# 1063  
Delta R.T. -0.01 min  
Lab File: BG039820.D  
Acq: 8 Mar 2019 14:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 255202 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 44.0  | 31.3  | 46.9   |
| 54       | 57.9  | 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: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA\_G

ClientSampleId :

TP-1

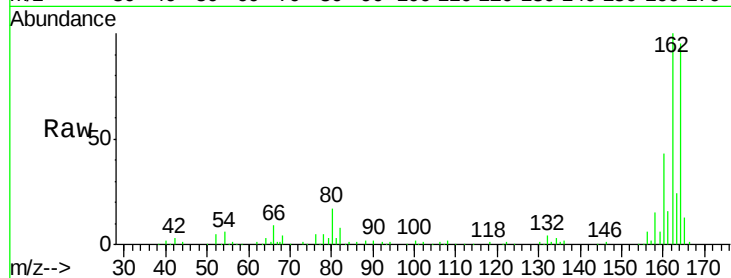
Tgt Ion:164 Resp: 138147

Ion Ratio Lower Upper

164 100

162 105.5 81.6 122.4

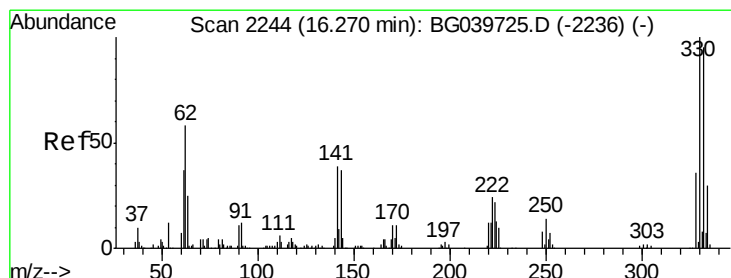
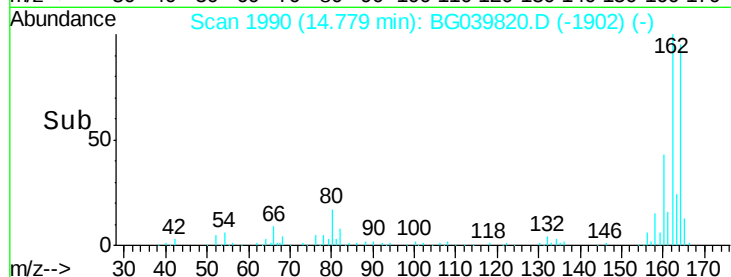
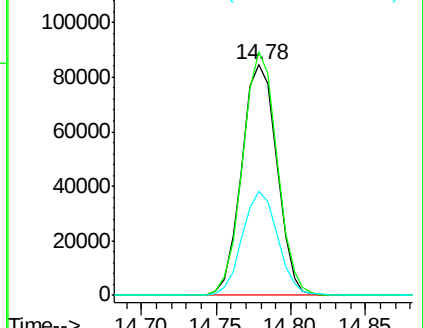
160 45.4 34.2 51.2



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: 110.198 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

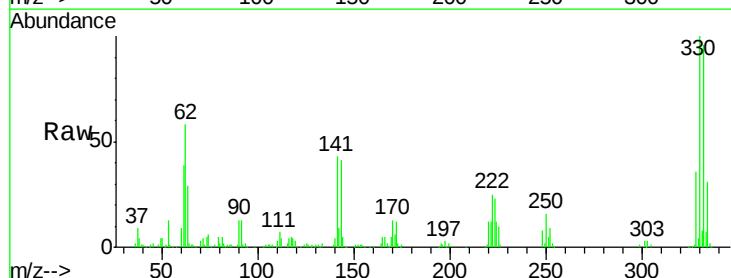
Tgt Ion:330 Resp: 177442

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

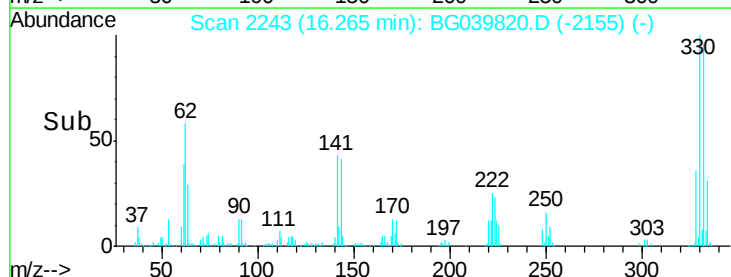
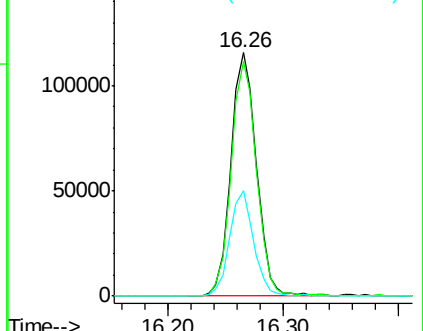
141 40.4 35.6 53.4



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

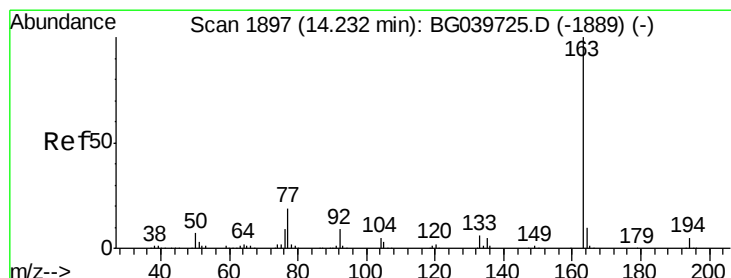
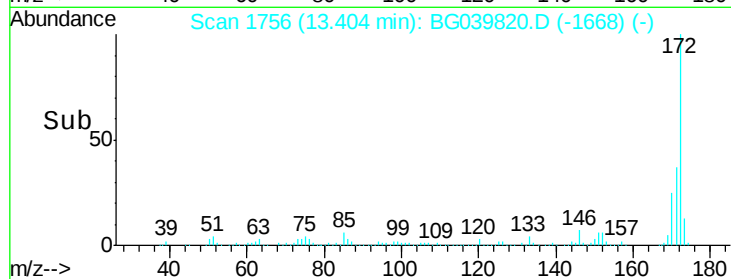
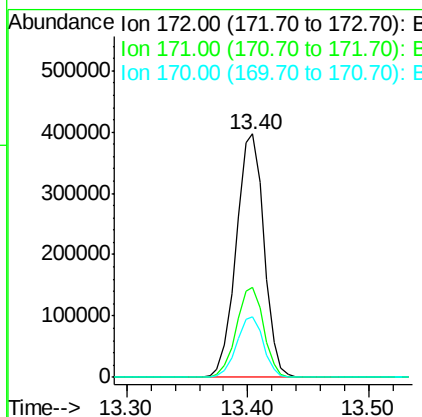
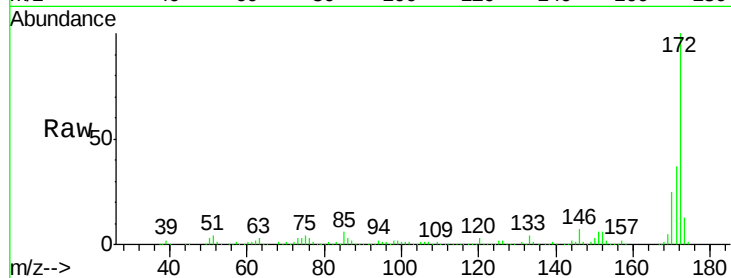




#45  
 2-Fluorobiphenyl  
 Concen: 65.445 ng  
 RT: 13.40 min Scan# 1756  
 Delta R.T. -0.01 min  
 Lab File: BG039820.D  
 Acq: 8 Mar 2019 14:20

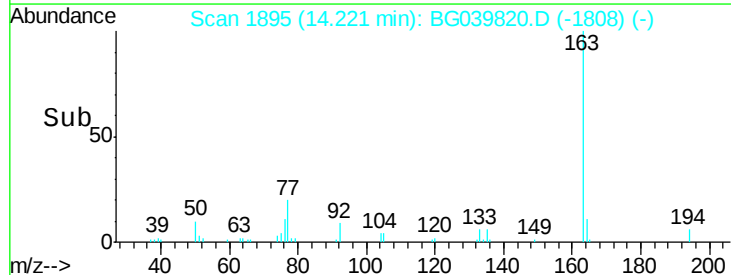
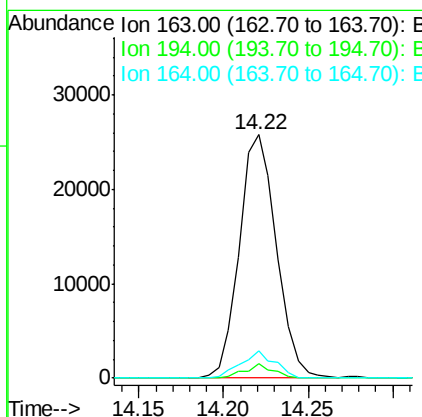
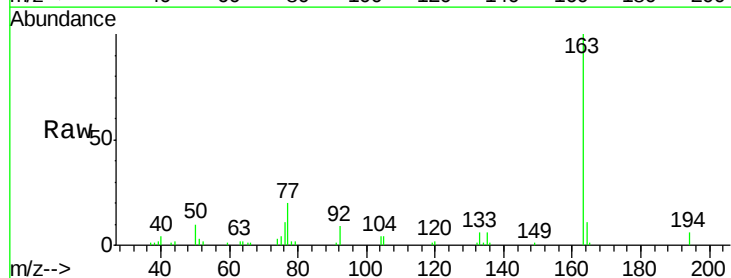
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1

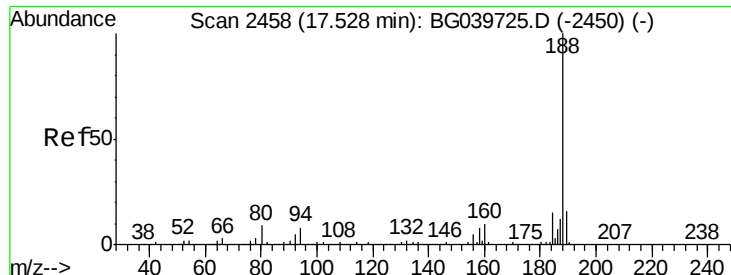
Tgt Ion:172 Resp: 634975  
 Ion Ratio Lower Upper  
 172 100  
 171 37.0 30.8 46.2  
 170 24.7 20.2 30.4



#50  
 Dimethylphthalate  
 Concen: 3.395 ng  
 RT: 14.22 min Scan# 1895  
 Delta R.T. -0.02 min  
 Lab File: BG039820.D  
 Acq: 8 Mar 2019 14:20

Tgt Ion:163 Resp: 39218  
 Ion Ratio Lower Upper  
 163 100  
 194 5.7 3.6 5.4#  
 164 11.2 8.4 12.6

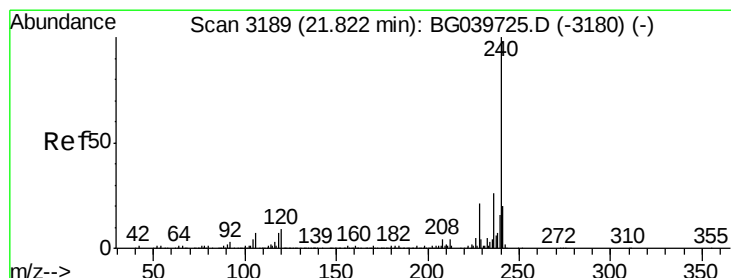
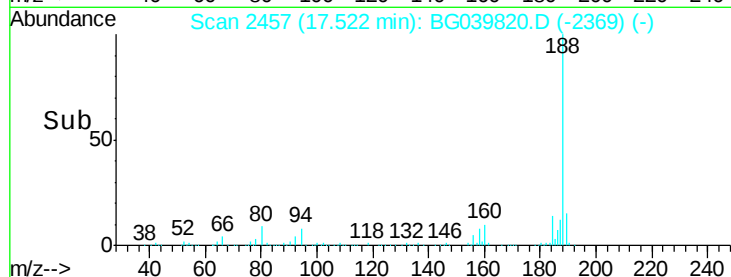
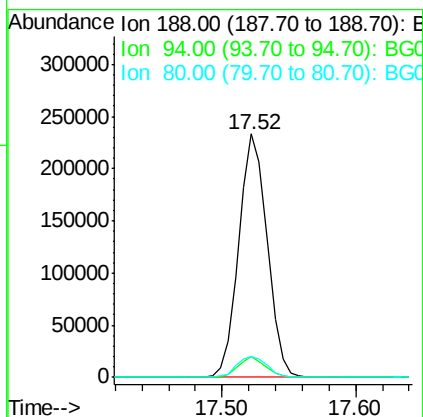
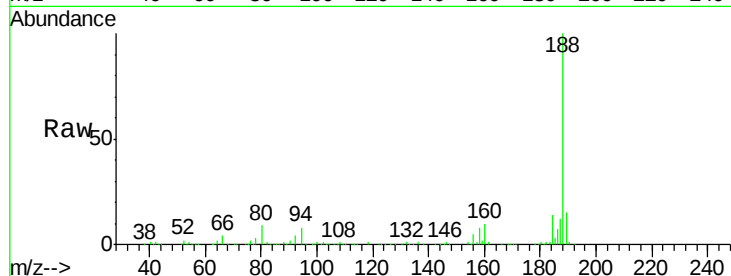




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.52 min Scan# 2457  
Delta R.T. -0.01 min  
Lab File: BG039820.D  
Acq: 8 Mar 2019 14:20

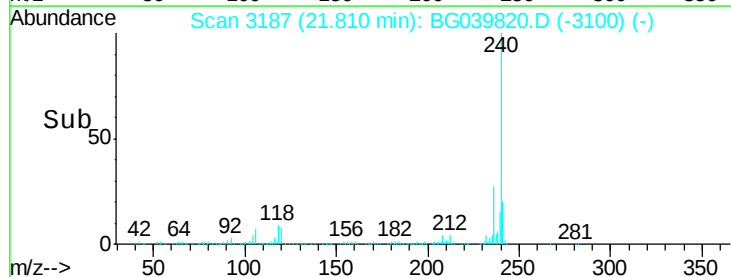
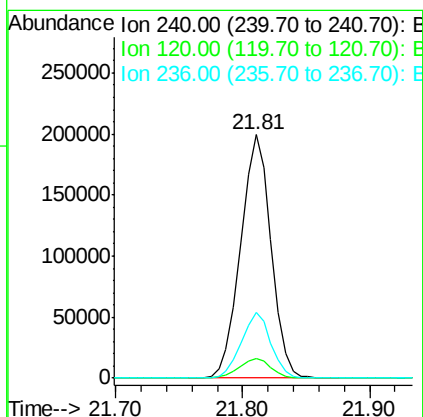
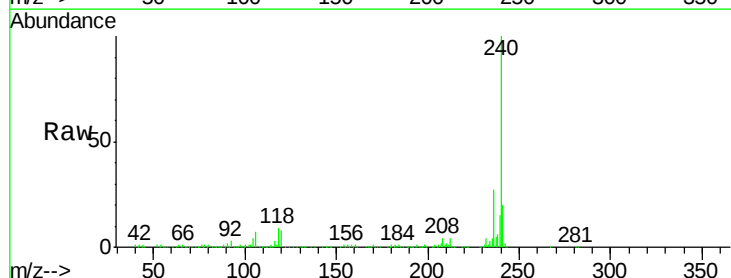
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

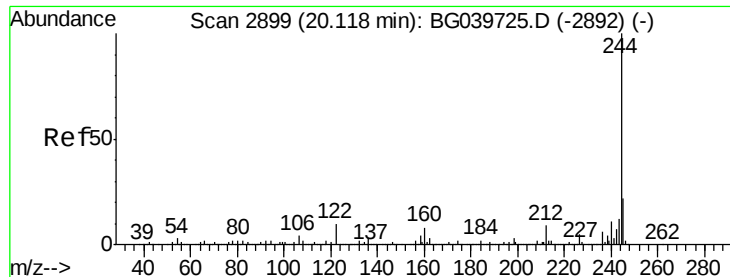
Tgt Ion:188 Resp: 343270  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.9 10.3  
80 8.8 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.81 min Scan# 3187  
Delta R.T. -0.02 min  
Lab File: BG039820.D  
Acq: 8 Mar 2019 14:20

Tgt Ion:240 Resp: 330991  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.0 10.6  
236 26.8 21.0 31.4





#79

Terphenyl-d14

Concen: 63.026 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

Instrument :

BNA\_G

ClientSampleId :

TP-1

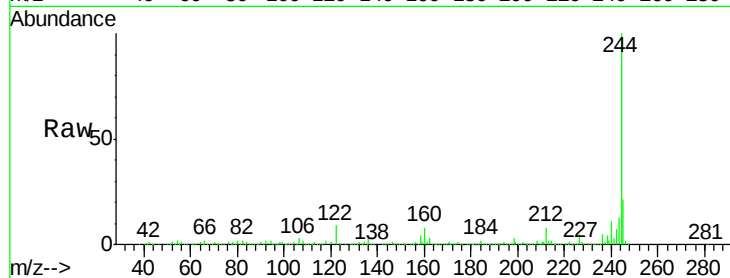
Tgt Ion:244 Resp: 947451

Ion Ratio Lower Upper

244 100

212 8.3 7.3 10.9

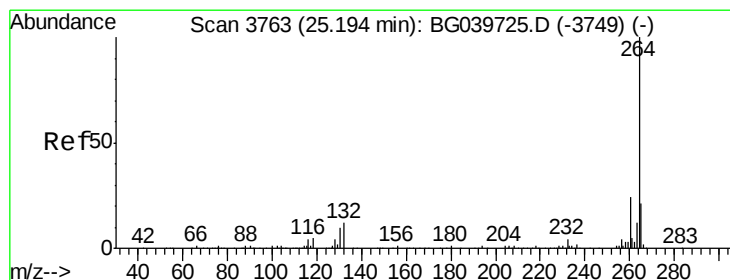
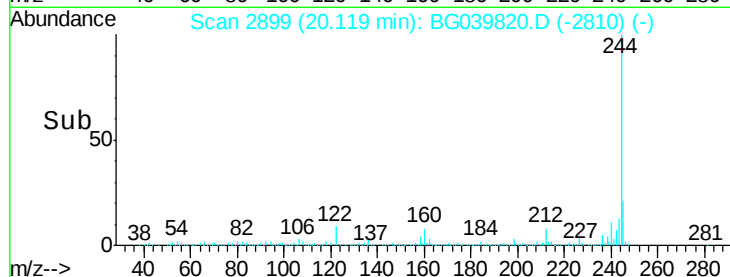
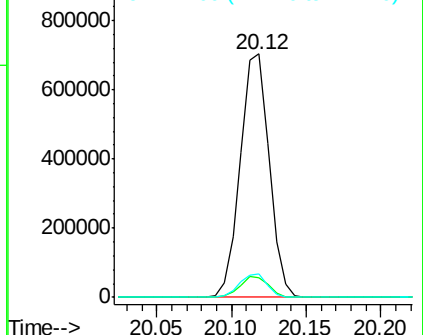
122 9.4 8.4 12.6



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# 3760

Delta R.T. -0.02 min

Lab File: BG039820.D

Acq: 8 Mar 2019 14:20

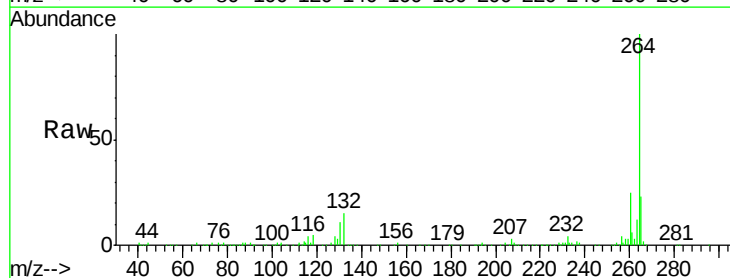
Tgt Ion:264 Resp: 335321

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 22.6 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

