

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\  
 Data File : BG041703.D  
 Acq On : 18 Jul 2019 00:50  
 Operator : HP/JU  
 Sample : K3835-26  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-9(5-7)

Quant Time: Jul 18 07:52:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 16:16:21 2019  
 Response via : Initial Calibration

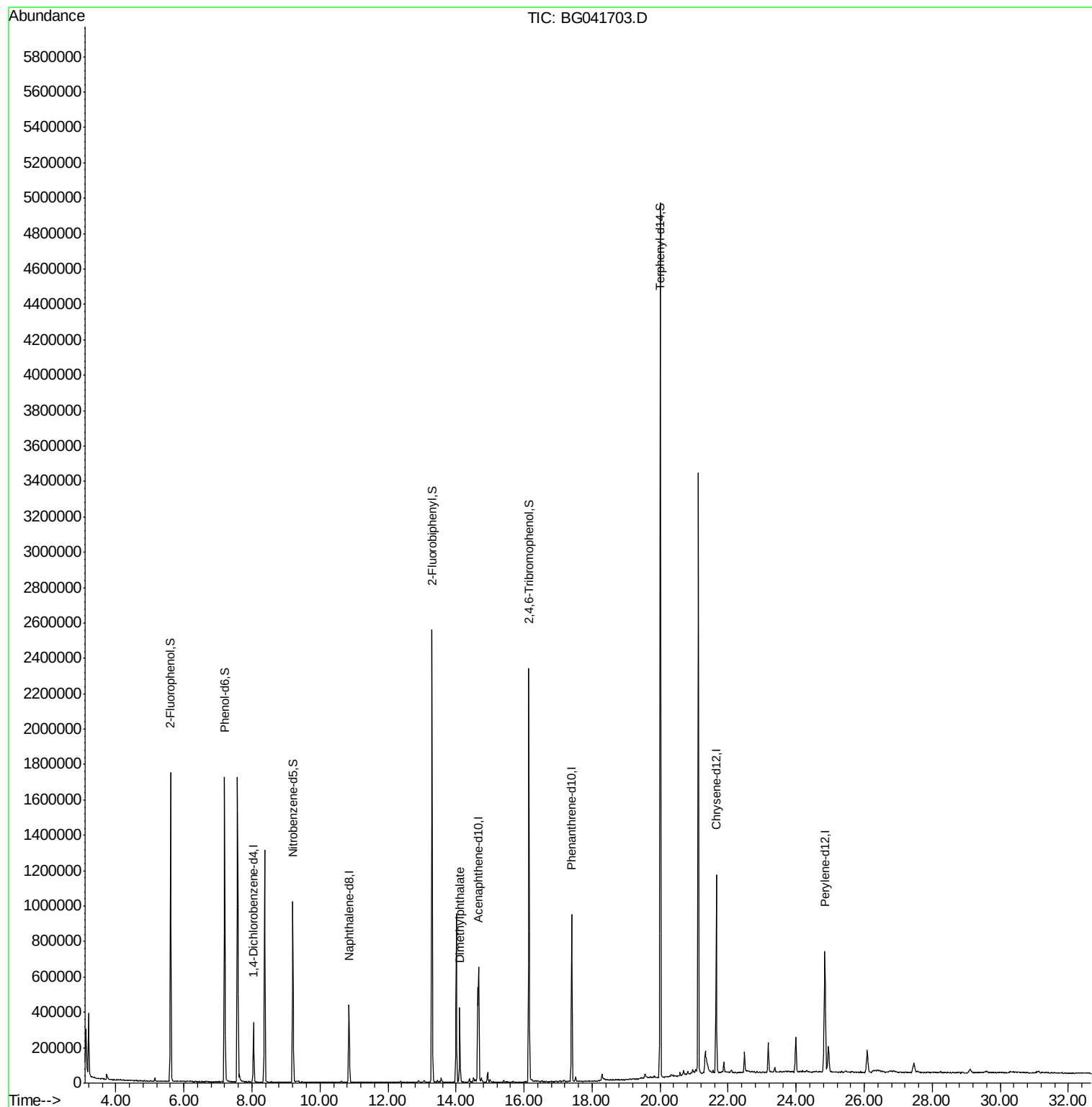
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 96142    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.85 | 136  | 386212   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.66 | 164  | 232262   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.40 | 188  | 602823   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.65 | 240  | 632313   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 24.84 | 264  | 731837   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.61  | 112  | 729669   | 124.07 | ng    | 0.00      |
| 7) Phenol-d6                | 7.20  | 99   | 1009363  | 127.60 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 599530   | 94.41  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 410819   | 156.95 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.29 | 172  | 1328736  | 88.59  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.00 | 244  | 2133327  | 78.84  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.11 | 163  | 282068   | 15.463 | ng    | Qvalue 98 |

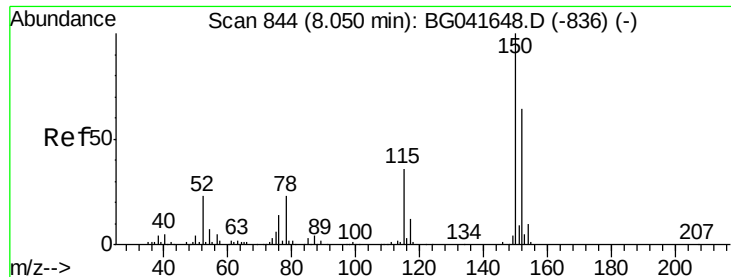
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\  
Data File : BG041703.D  
Acq On : 18 Jul 2019 00:50  
Operator : HP/JU  
Sample : K3835-26  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-9(5-7)

Quant Time: Jul 18 07:52:53 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 15 16:16:21 2019  
Response via : Initial Calibration



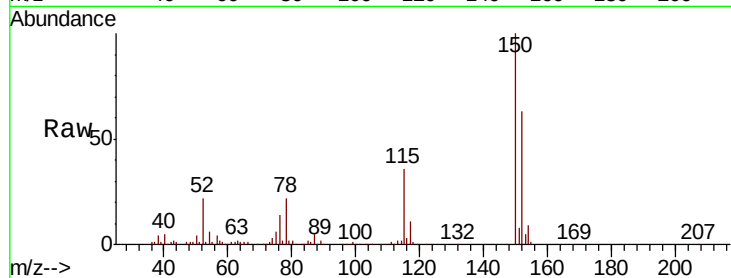


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: BG041703.D  
Acq: 18 Jul 2019 00:50

Instrument :  
BNA\_G  
ClientSampleId :  
SB-9(5-7)

| Tot Ion   | 152   | Resp  | 96142 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 158.6 | 126.9 | 190.3 |
| 115       | 56.7  | 45.0  | 67.6  |

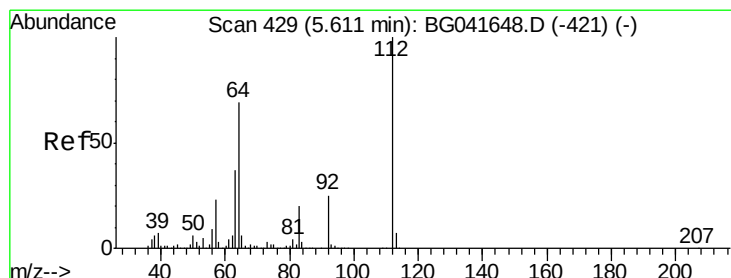
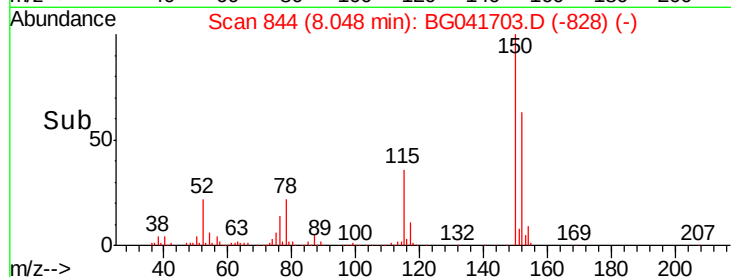
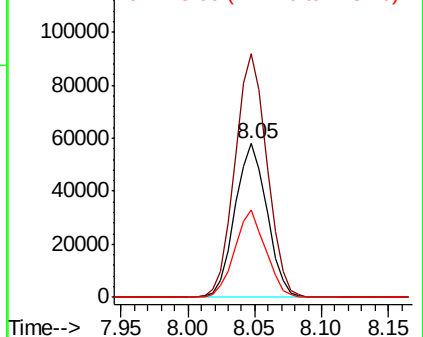


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

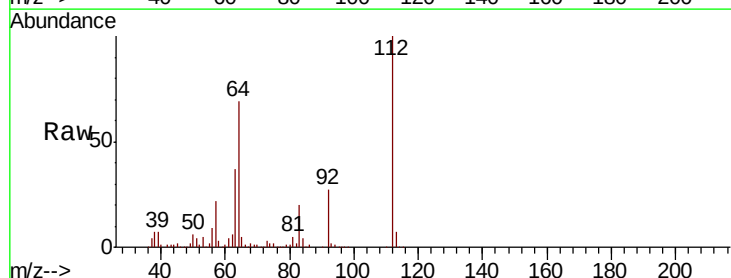
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 124.069 ng  
RT: 5.61 min Scan# 429  
Delta R.T. -0.00 min  
Lab File: BG041703.D  
Acq: 18 Jul 2019 00:50

| Tgt Ion   | 112   | Resp  | 729669 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.4  | 55.4  | 83.2   |
| 63        | 36.7  | 29.1  | 43.7   |

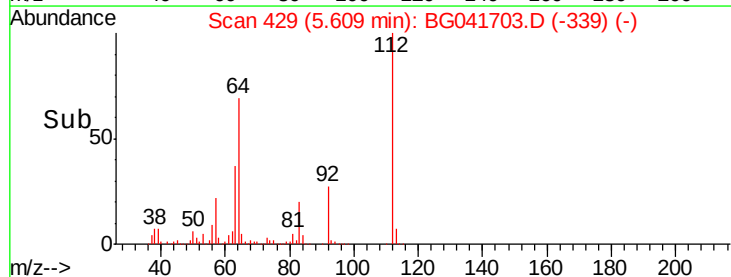
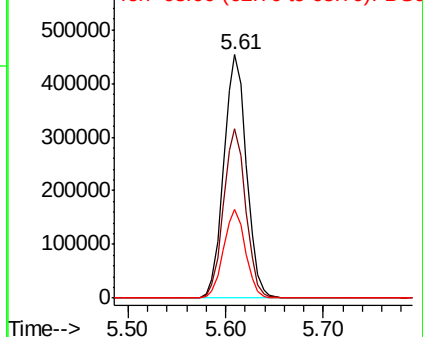


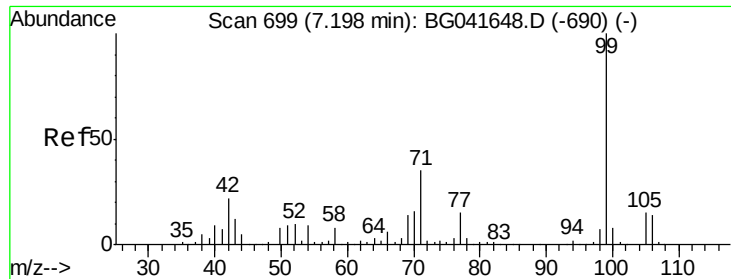
Abundance

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: 127.600 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041703.D

Acq: 18 Jul 2019 00:50

Instrument :

BNA\_G

ClientSampleId :

SB-9(5-7)

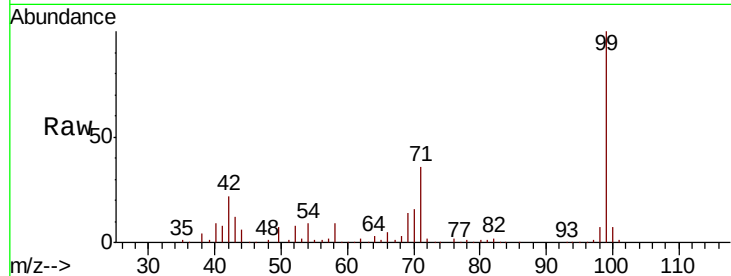
Tot Ion: 99 Resp: 1009363

Ion Ratio Lower Upper

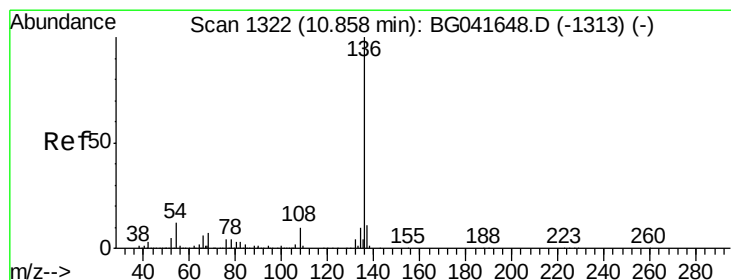
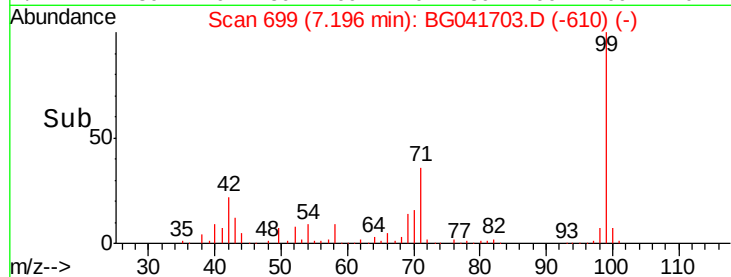
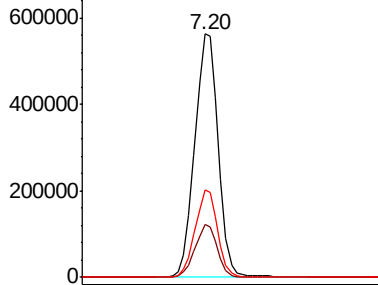
99 100

42 21.6 17.6 26.4

71 35.7 27.8 41.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041703.D

Acq: 18 Jul 2019 00:50

Tgt Ion: 136 Resp: 386212

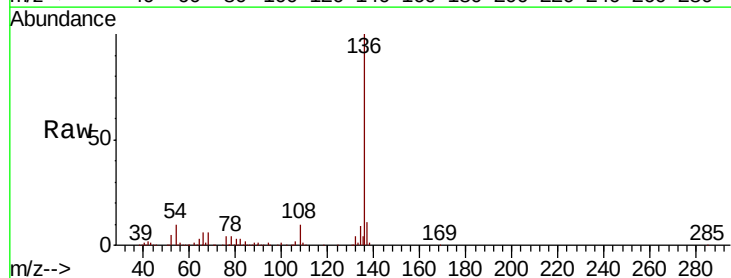
Ion Ratio Lower Upper

136 100

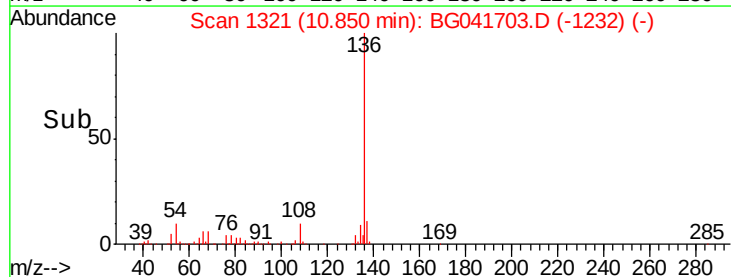
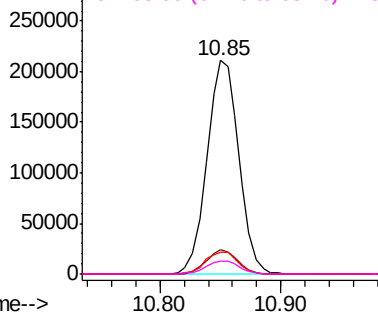
137 11.2 9.2 13.8

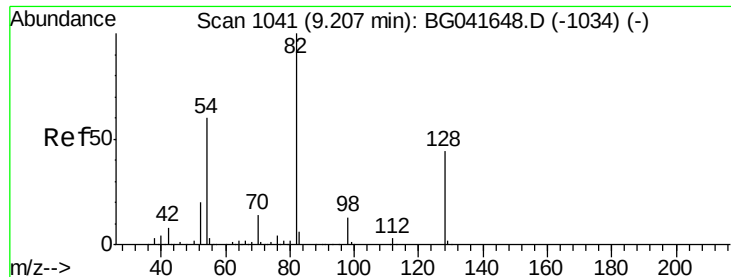
54 10.4 8.7 13.1

68 6.0 5.5 8.3



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: 94.405 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041703.D

Acq: 18 Jul 2019 00:50

Instrument :

BNA\_G

ClientSampleId :

SB-9(5-7)

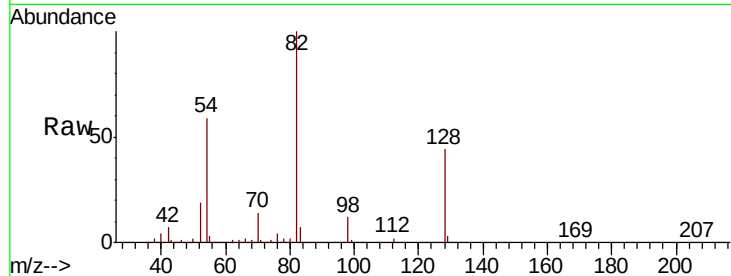
Tot Ion: 82 Resp: 599530

Ion Ratio Lower Upper

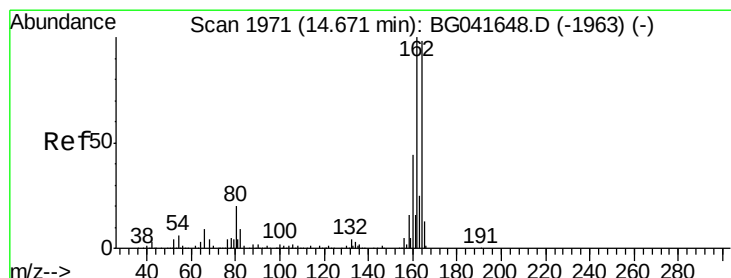
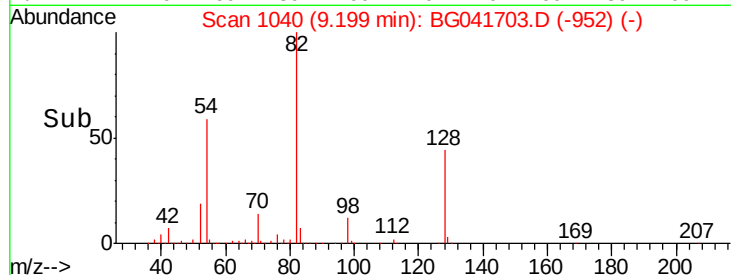
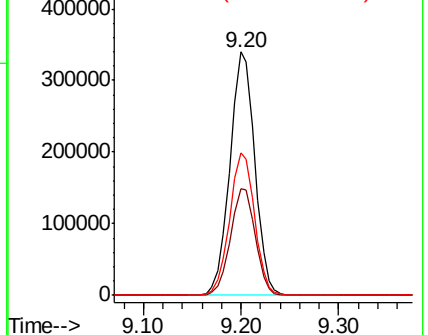
82 100

128 43.9 35.1 52.7

54 58.7 48.7 73.1



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: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041703.D

Acq: 18 Jul 2019 00:50

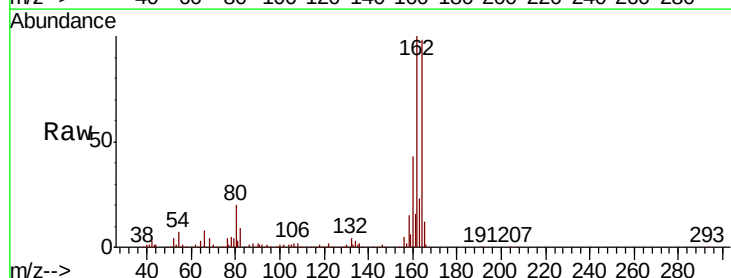
Tgt Ion:164 Resp: 232262

Ion Ratio Lower Upper

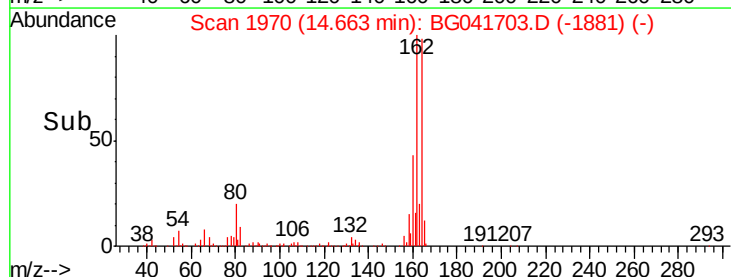
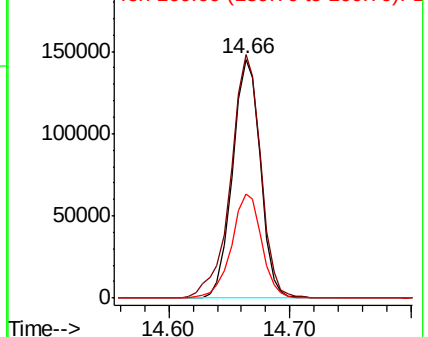
164 100

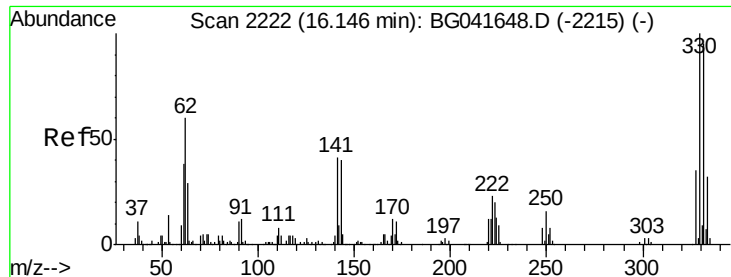
162 102.0 79.6 119.4

160 43.7 35.4 53.0



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

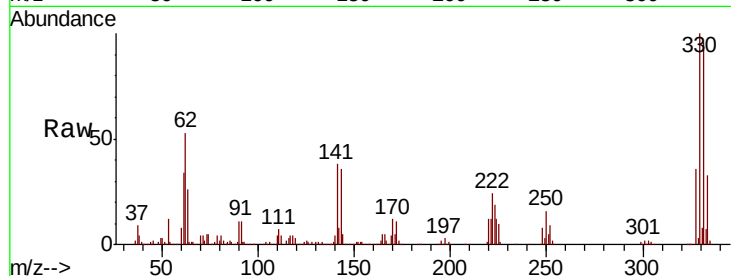




#42  
 2,4,6-Tribromophenol  
 Concen: 156.948 ng  
 RT: 16.14 min Scan# 2222  
 Delta R.T. -0.01 min  
 Lab File: BG041703.D  
 Acq: 18 Jul 2019 00:50

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-9(5-7)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.4  | 77.4  | 116.0 |
| 141     | 39.2  | 31.9  | 47.9  |

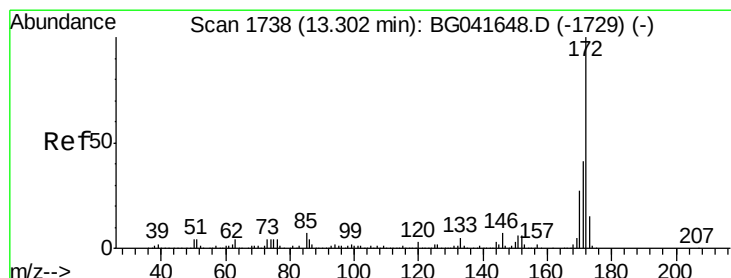
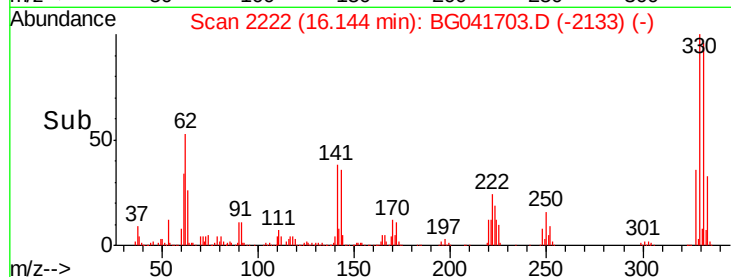
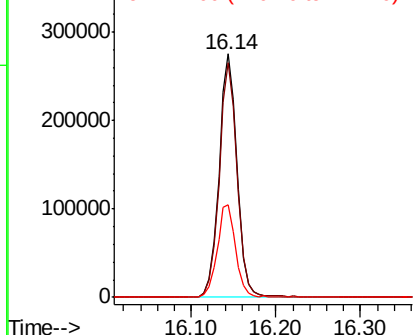


Abundance

Ion 329.80 (329.50 to 330.50): E

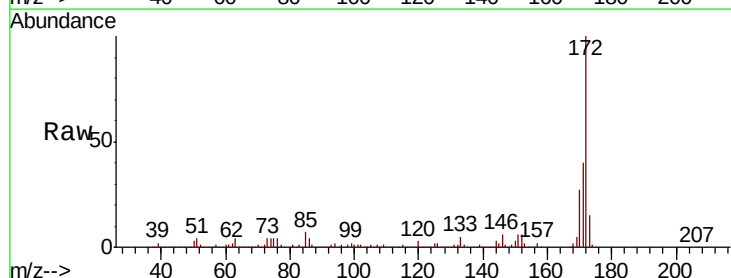
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 88.587 ng  
 RT: 13.29 min Scan# 1737  
 Delta R.T. -0.01 min  
 Lab File: BG041703.D  
 Acq: 18 Jul 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.5  | 35.0  | 52.4  |
| 170     | 26.8  | 23.5  | 35.3  |

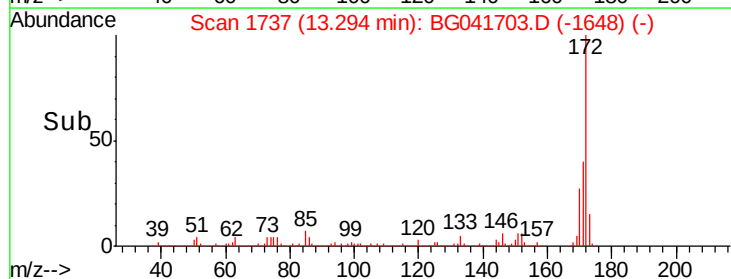
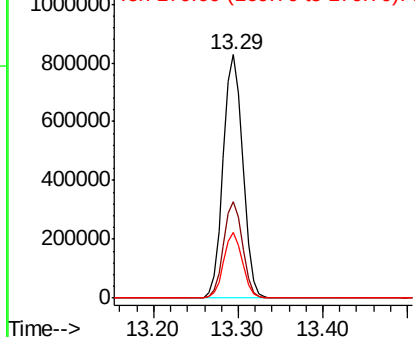


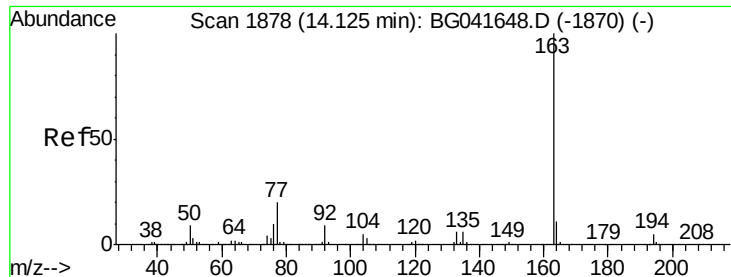
Abundance

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: 15.463 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041703.D

Acq: 18 Jul 2019 00:50

Instrument :

BNA\_G

ClientSampled :

SB-9(5-7)

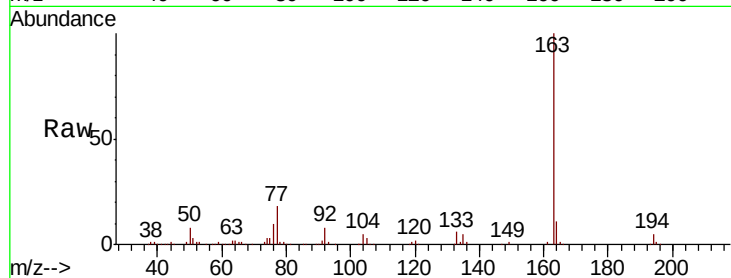
Tot Ion:163 Resp: 282068

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

164 10.9 9.4 14.2

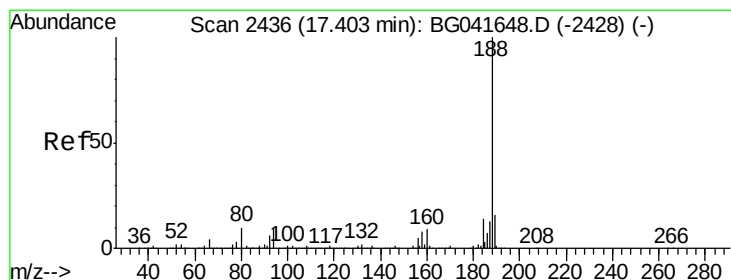
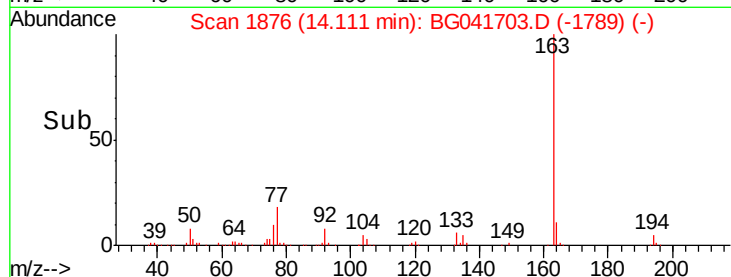
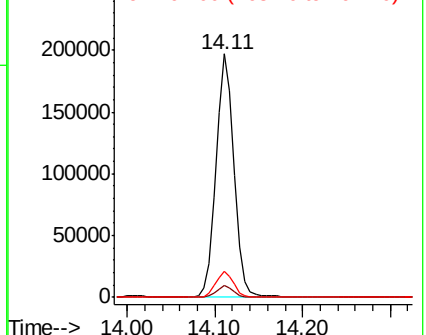


Abundance

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. -0.01 min

Lab File: BG041703.D

Acq: 18 Jul 2019 00:50

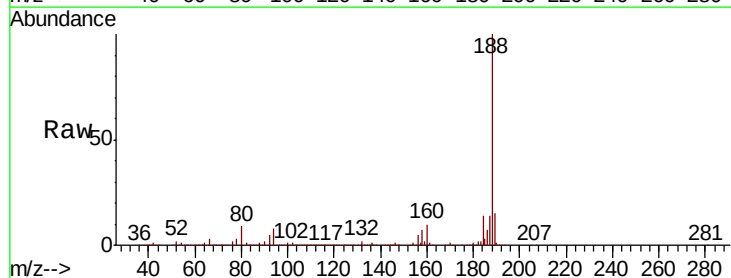
Tgt Ion:188 Resp: 602823

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

80 9.3 8.0 12.0

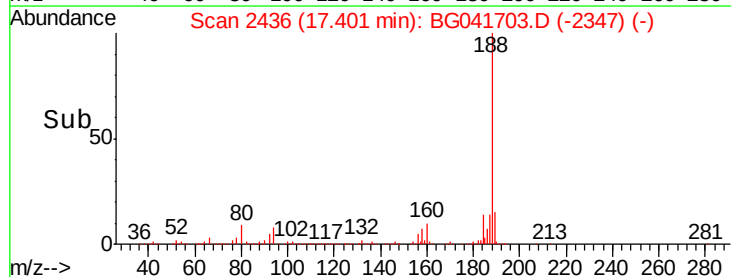
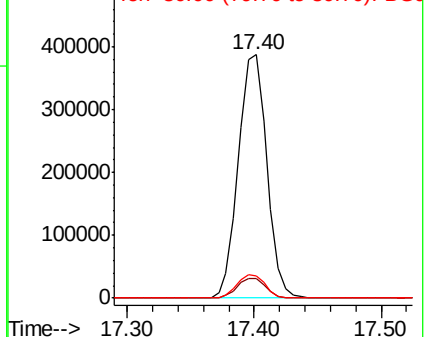


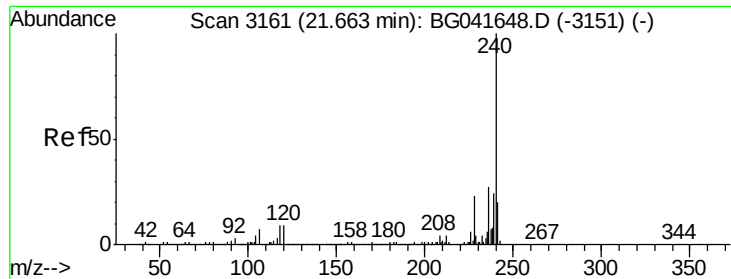
Abundance

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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041703.D

Acq: 18 Jul 2019 00:50

Instrument :

BNA\_G

ClientSampleId :

SB-9(5-7)

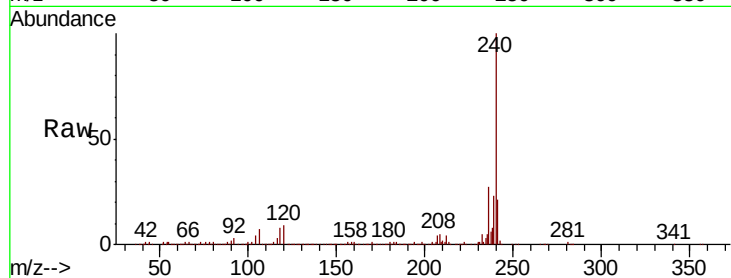
Tot Ion:240 Resp: 632313

Ion Ratio Lower Upper

240 100

120 9.0 8.0 12.0

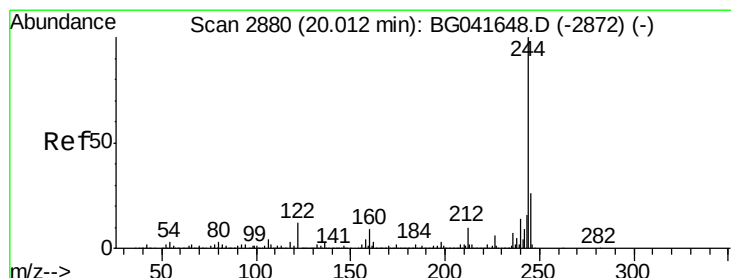
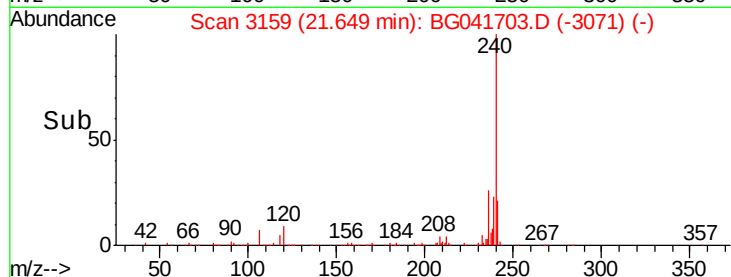
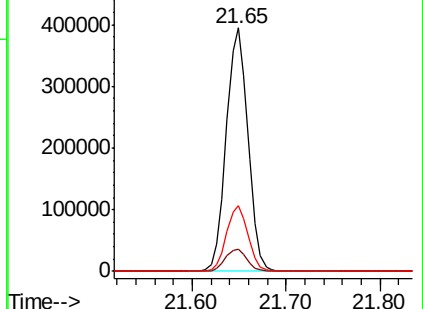
236 26.9 22.6 33.8



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



#79

Terphenyl-d14

Concen: 78.843 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041703.D

Acq: 18 Jul 2019 00:50

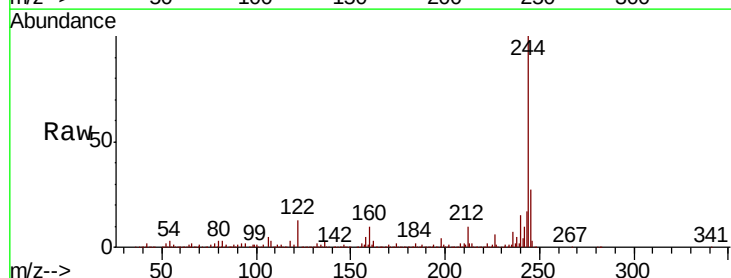
Tgt Ion:244 Resp: 2133327

Ion Ratio Lower Upper

244 100

212 10.2 9.7 14.5

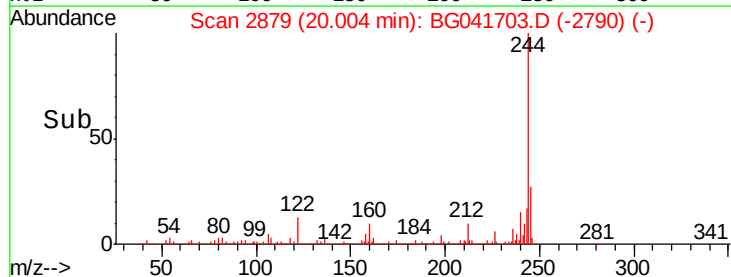
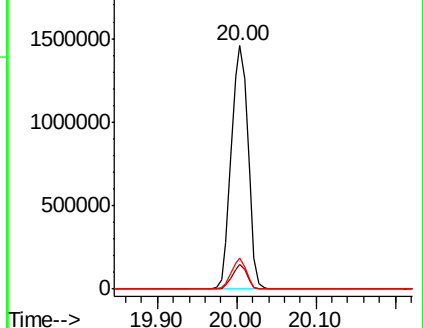
122 12.9 12.5 18.7



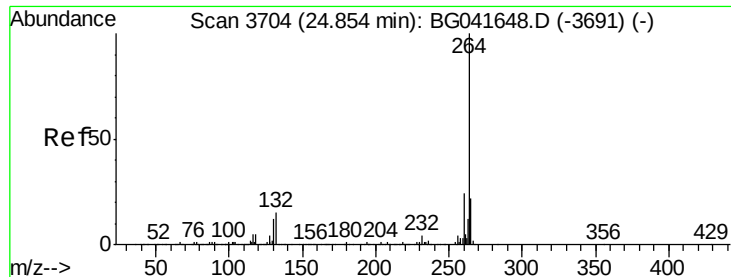
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.84 min Scan# 3702  
Delta R.T. -0.02 min  
Lab File: BG041703.D  
Acq: 18 Jul 2019 00:50

Instrument :  
BNA\_G  
ClientSampleId :  
SB-9(5-7)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 19.5  | 29.3  |
| 265     | 22.1  | 18.0  | 27.0  |

