

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\  
 Data File : BG045729.D  
 Acq On : 11 Jun 2020 20:18  
 Operator : CG/JU  
 Sample : L2819-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BU-02-061020

Quant Time: Jun 12 03:17:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 01 15:07:00 2020  
 Response via : Initial Calibration

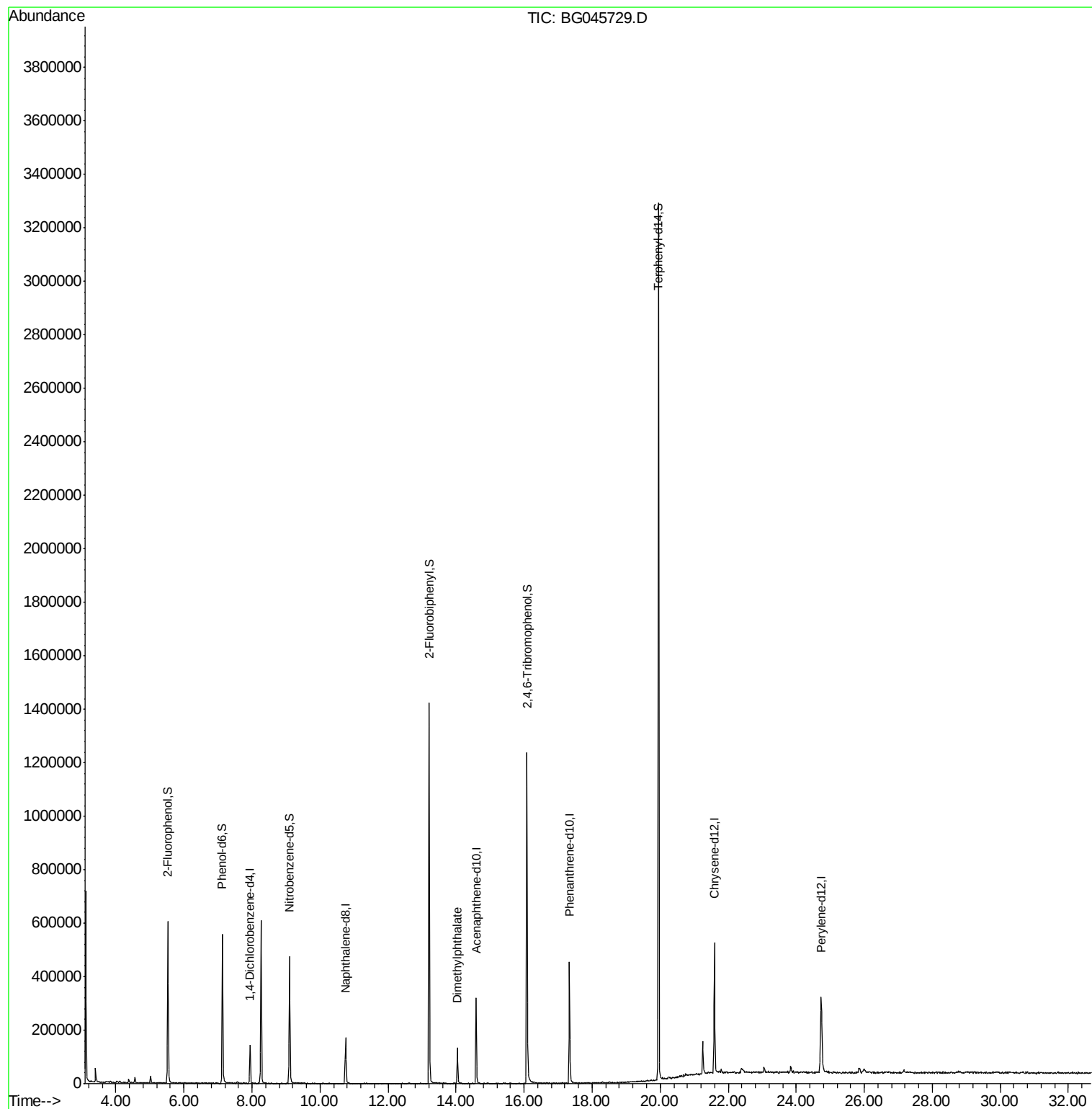
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 41059    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.75 | 136  | 164896   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.59 | 164  | 125547   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.33 | 188  | 321212   | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.59 | 240  | 318687   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 24.74 | 264  | 326792   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.53  | 112  | 289582   | 137.83 | ng    | -0.01     |
| 7) Phenol-d6                | 7.13  | 99   | 376129   | 125.78 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 9.10  | 82   | 329844   | 109.08 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.08 | 330  | 270582   | 168.52 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 13.21 | 172  | 775324   | 104.75 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.95 | 244  | 1616125  | 118.28 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.04 | 163  | 101294   | 11.761 | ng    | Qvalue 99 |

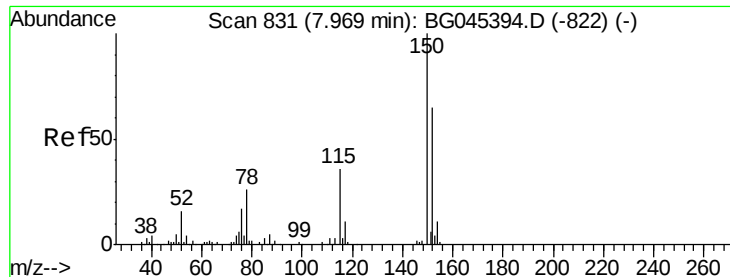
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BU-02-061020

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QLast Update : Mon Jun 01 15:07:00 2020  
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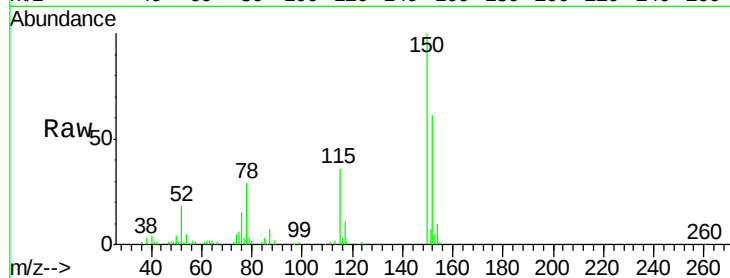


#1

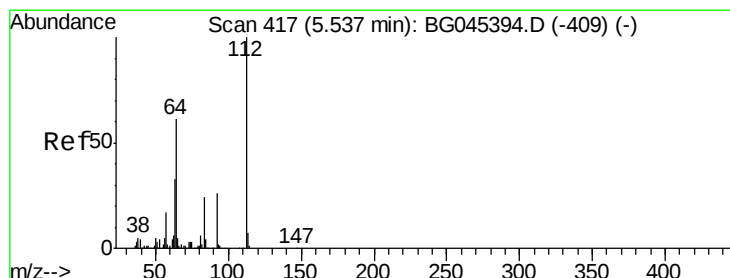
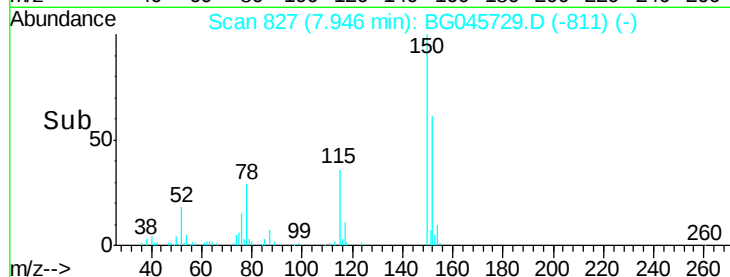
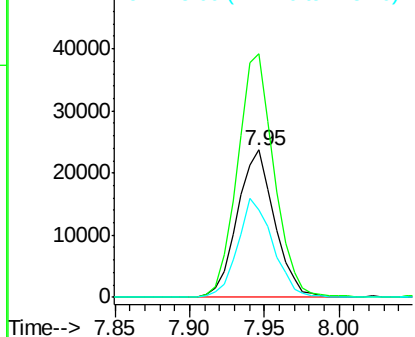
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BG045729.D  
Acq: 11 Jun 2020 20:18

Instrument :  
BNA\_G  
ClientSampleId :  
BU-02-061020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 165.1 | 122.4 | 183.6 |
| 115     | 59.4  | 44.2  | 66.4  |



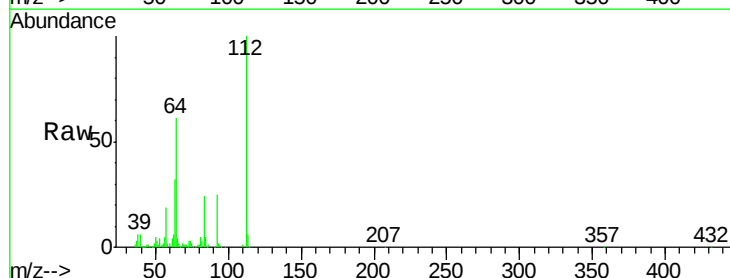
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



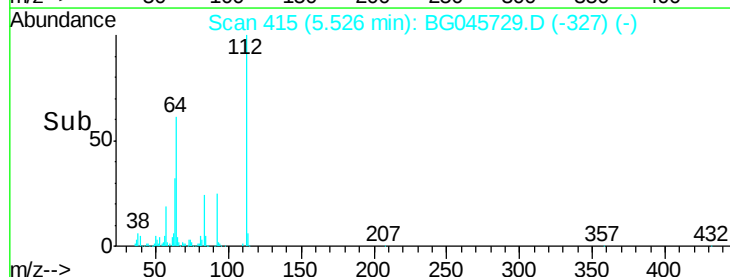
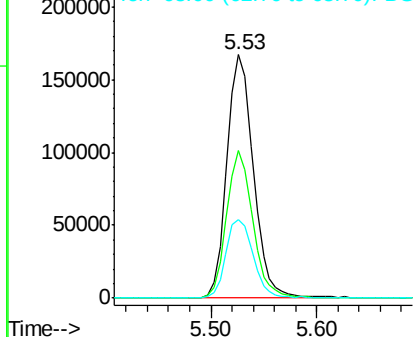
#5

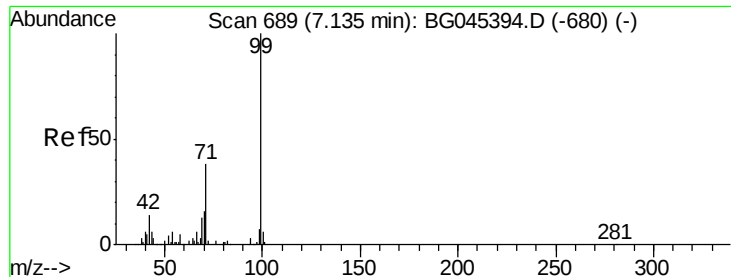
2-Fluorophenol  
Concen: 137.833 ng  
RT: 5.53 min Scan# 415  
Delta R.T. -0.01 min  
Lab File: BG045729.D  
Acq: 11 Jun 2020 20:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.8  | 48.6  | 72.8  |
| 63      | 32.0  | 26.5  | 39.7  |



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: 125.783 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Instrument :

BNA\_G

ClientSampleId :

BU-02-061020

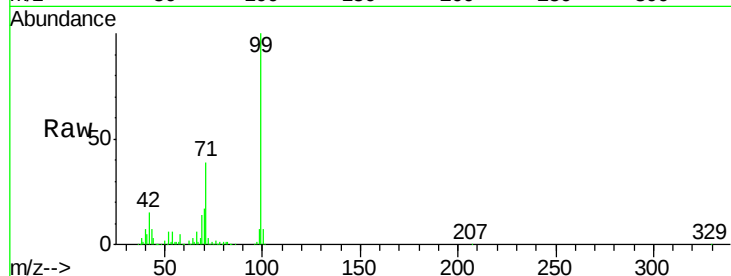
Tot Ion: 99 Resp: 376129

Ion Ratio Lower Upper

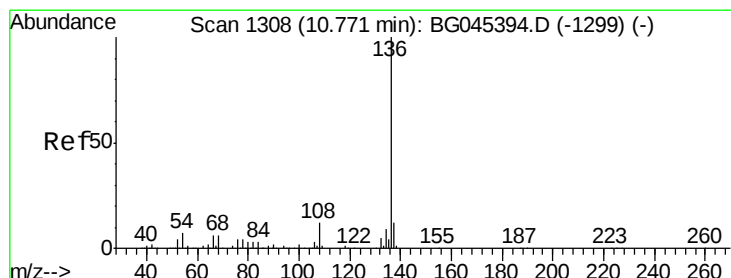
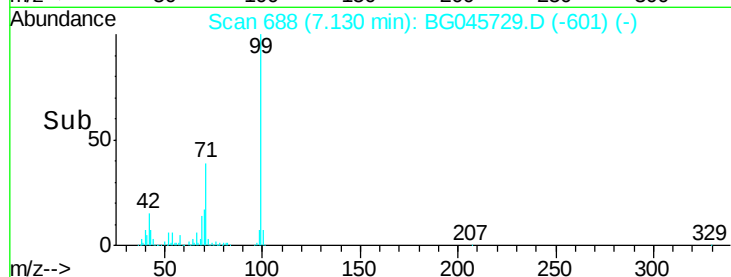
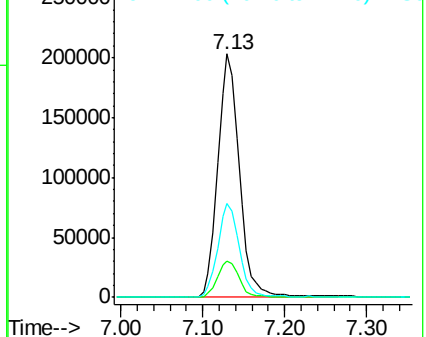
99 100

42 14.8 11.3 16.9

71 38.7 30.8 46.2



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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Tgt Ion: 136 Resp: 164896

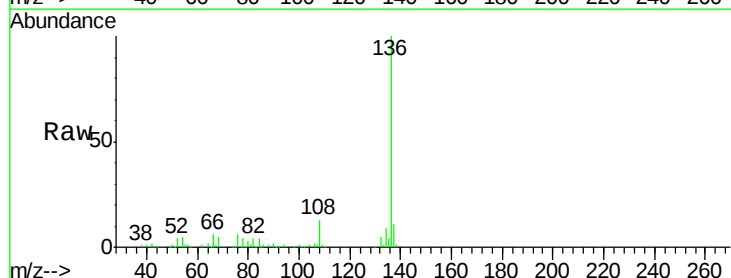
Ion Ratio Lower Upper

136 100

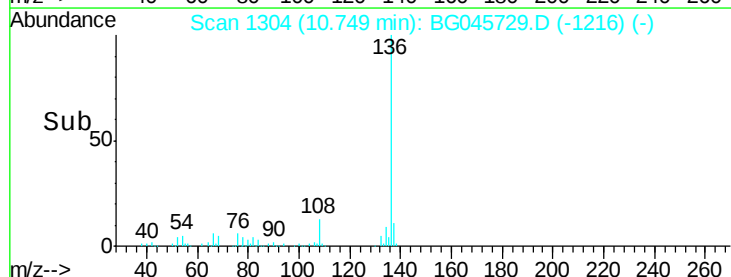
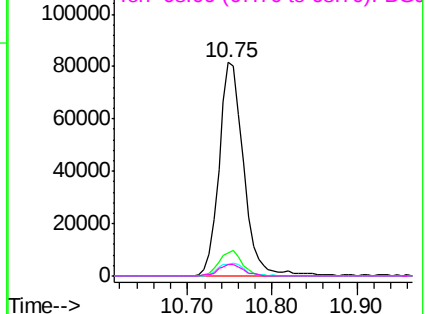
137 10.8 9.4 14.2

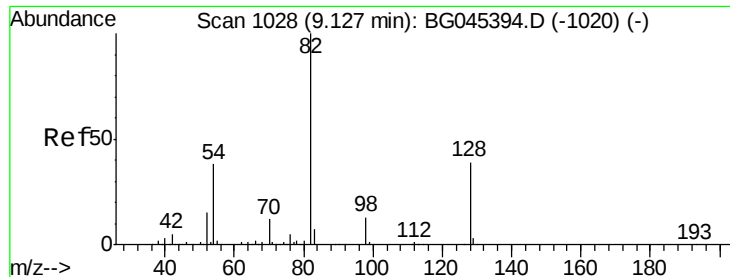
54 5.5 5.8 8.6#

68 5.3 4.5 6.7



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

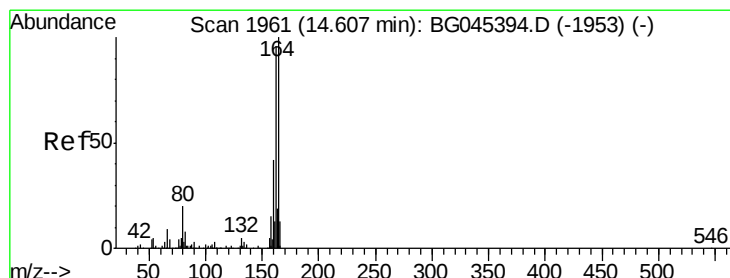
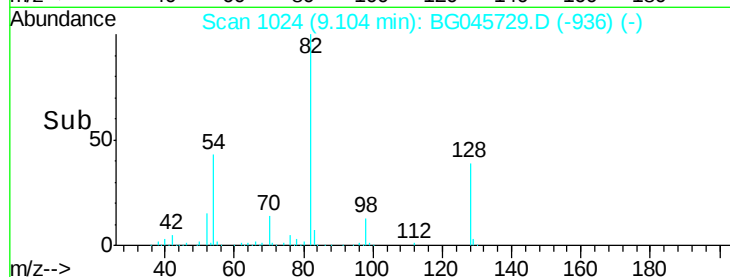
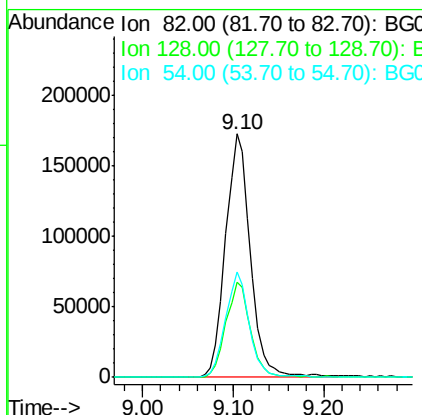
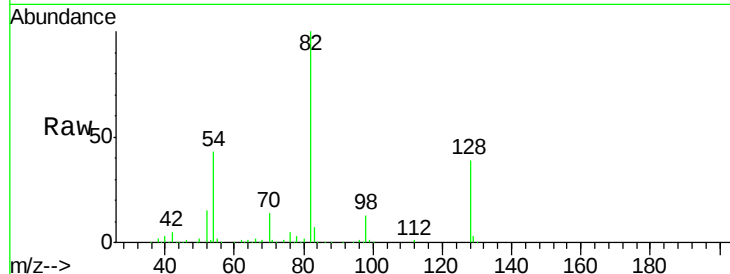




#23  
Nitrobenzene-d5  
Concen: 109.080 ng  
RT: 9.10 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BG045729.D  
Acq: 11 Jun 2020 20:18

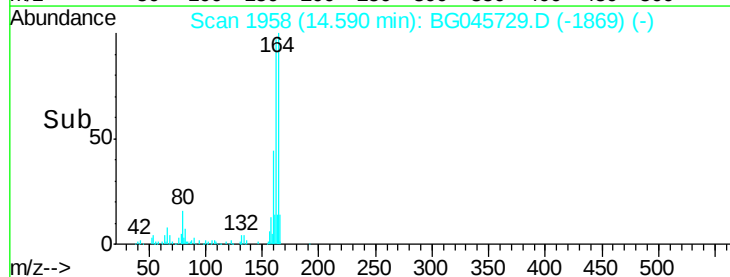
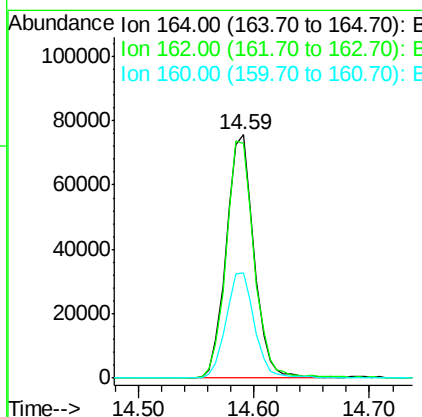
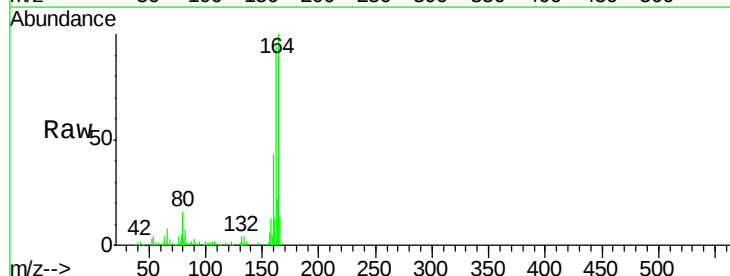
Instrument :  
BNA\_G  
ClientSampleId :  
BU-02-061020

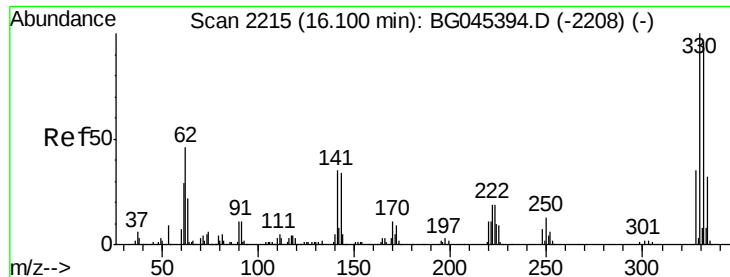
| Tot Ion   | 82    | Resp  | 329844 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.2  | 30.9  | 46.3   |
| 54        | 43.1  | 30.3  | 45.5   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.59 min Scan# 1958  
Delta R.T. -0.00 min  
Lab File: BG045729.D  
Acq: 11 Jun 2020 20:18

| Tgt Ion   | 164   | Resp  | 125547 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 96.5  | 76.9  | 115.3  |
| 160       | 43.4  | 33.8  | 50.8   |

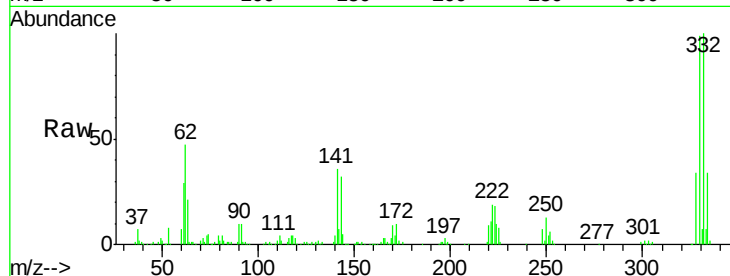




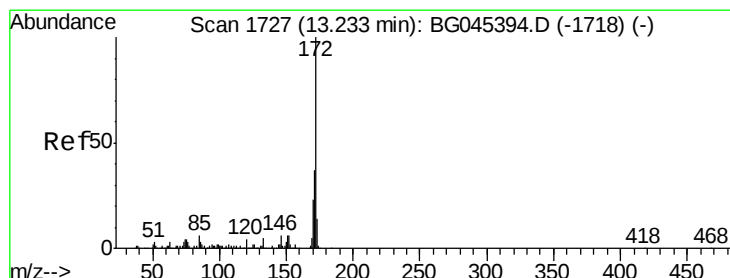
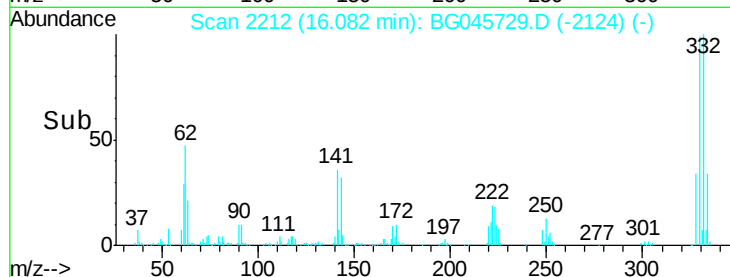
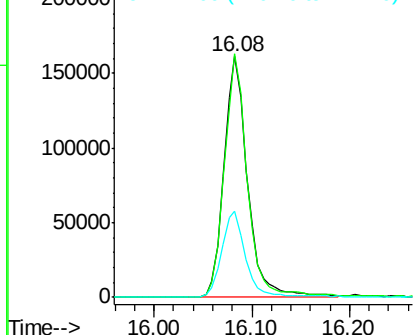
#42  
 2,4,6-Tribromophenol  
 Concen: 168.523 ng  
 RT: 16.08 min Scan# 2212  
 Delta R.T. -0.01 min  
 Lab File: BG045729.D  
 Acq: 11 Jun 2020 20:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BU-02-061020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.1  | 78.2  | 117.4 |
| 141     | 35.8  | 28.2  | 42.4  |

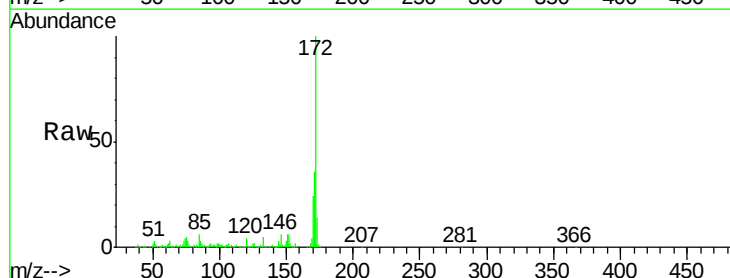


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

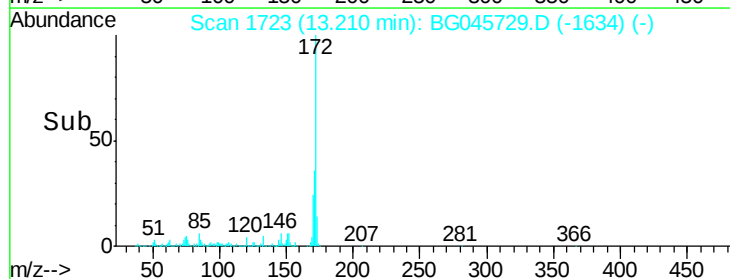
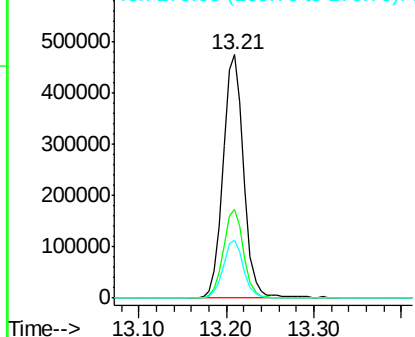


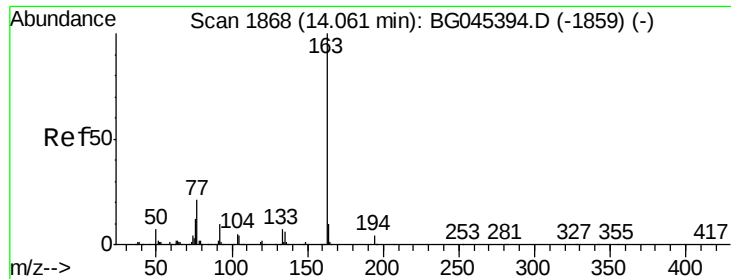
#45  
 2-Fluorobiphenyl  
 Concen: 104.750 ng  
 RT: 13.21 min Scan# 1723  
 Delta R.T. -0.00 min  
 Lab File: BG045729.D  
 Acq: 11 Jun 2020 20:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.5  | 44.3  |
| 170     | 23.6  | 18.5  | 27.7  |



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: 11.761 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Instrument :

BNA\_G

ClientSampleId :

BU-02-061020

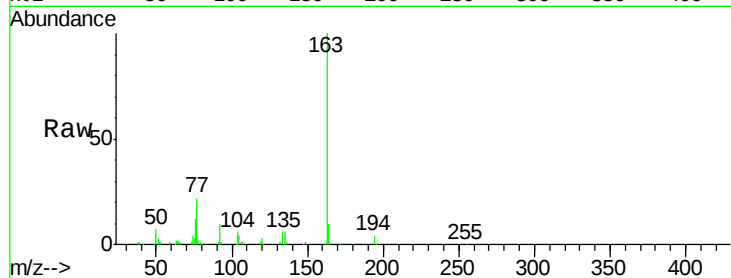
Tot Ion:163 Resp: 101294

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

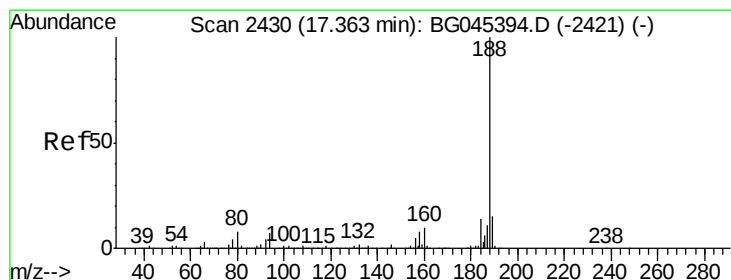
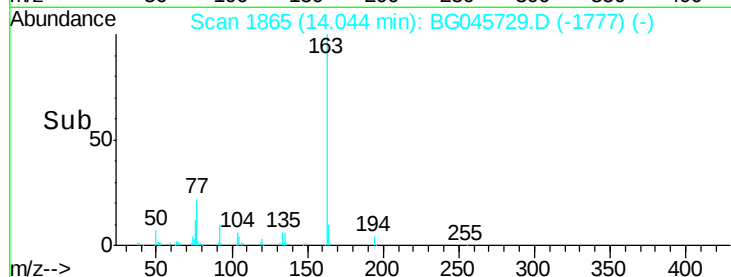
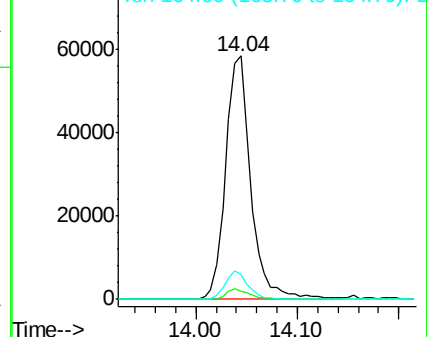
164 10.3 8.3 12.5



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: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

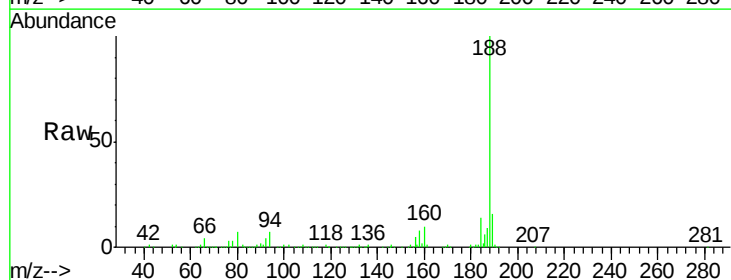
Tgt Ion:188 Resp: 321212

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

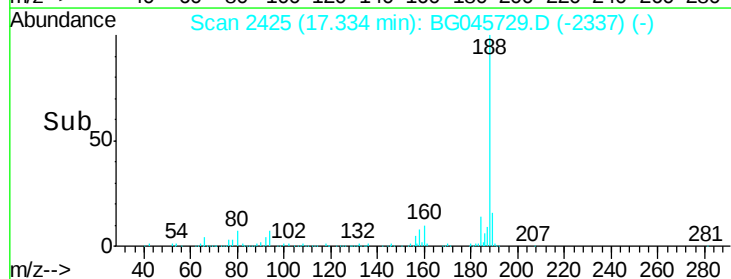
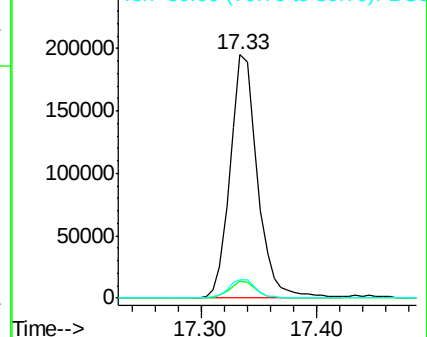
80 7.4 6.6 10.0

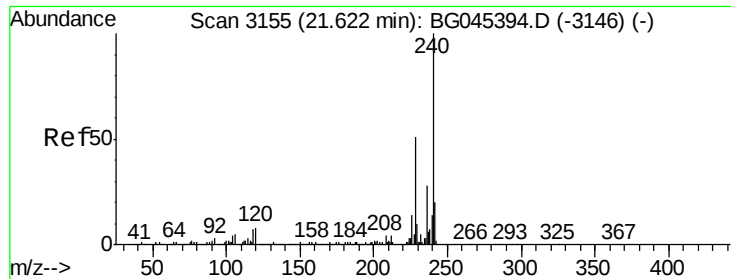


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Instrument :

BNA\_G

ClientSampleId :

BU-02-061020

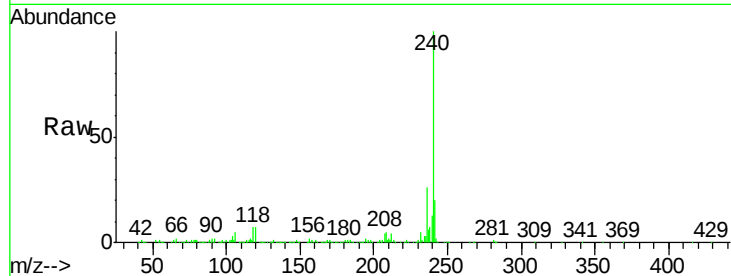
Tot Ion:240 Resp: 318687

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

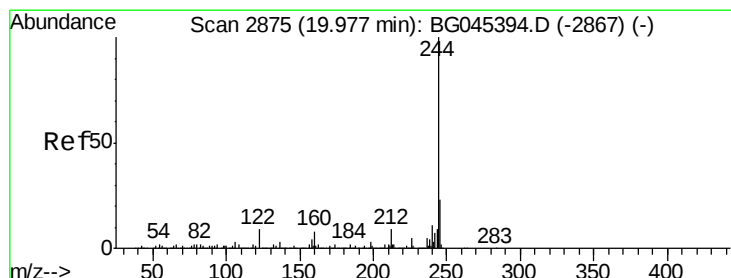
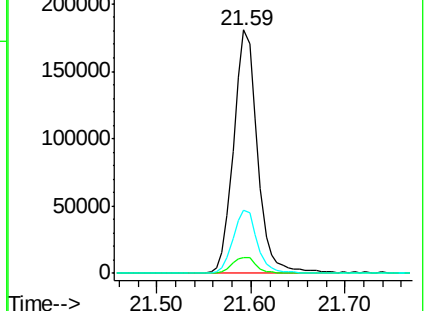
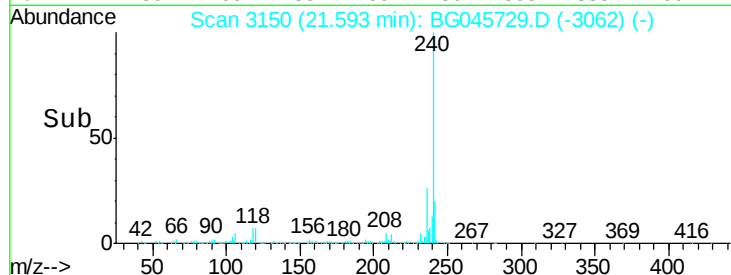
236 26.0 22.3 33.5



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: 118.275 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

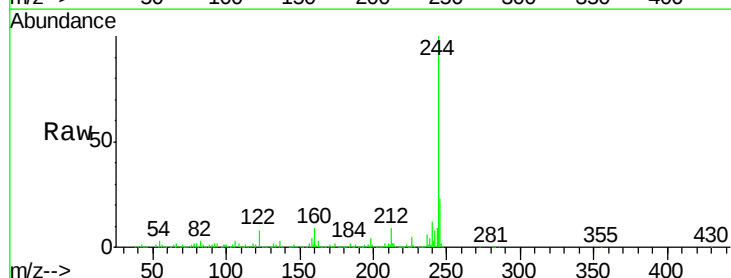
Tgt Ion:244 Resp: 1616125

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

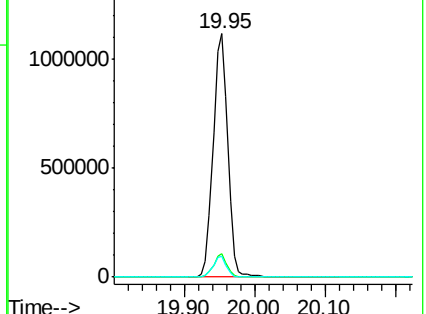
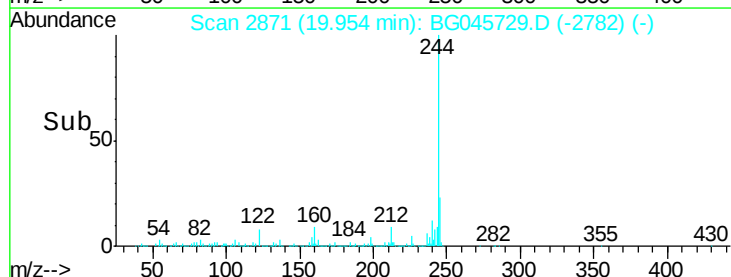
122 8.5 6.8 10.2

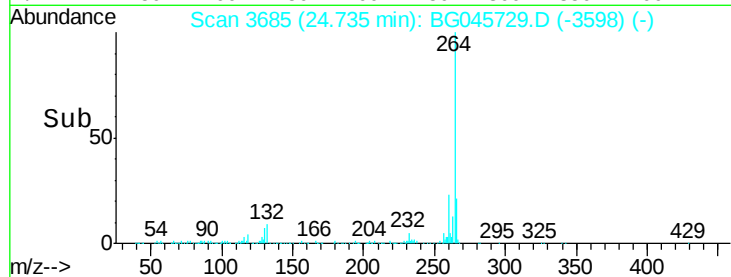
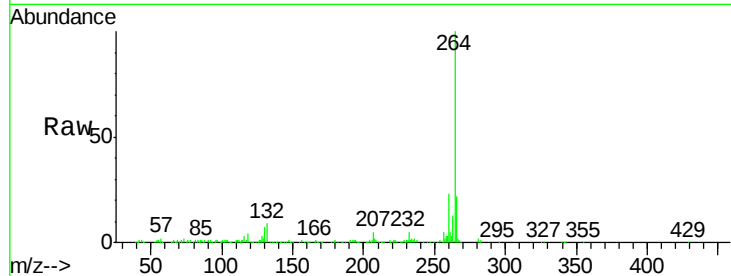
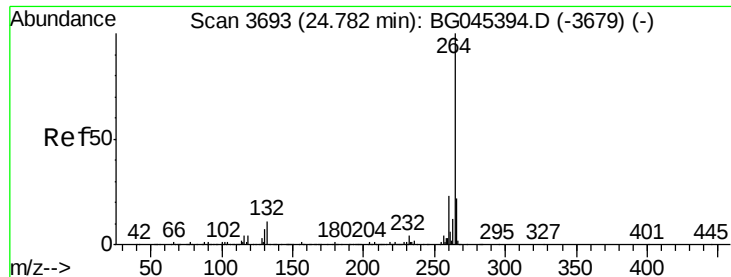


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Instrument :

BNA\_G

ClientSampleId :

BU-02-061020

Tot Ion:264 Resp: 326792

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.7 17.6 26.4

