

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\  
 Data File : BG044020.D  
 Acq On : 13 Jan 2020 20:19  
 Operator : JU  
 Sample : PB126031BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126031BL

Quant Time: Jan 14 10:28:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

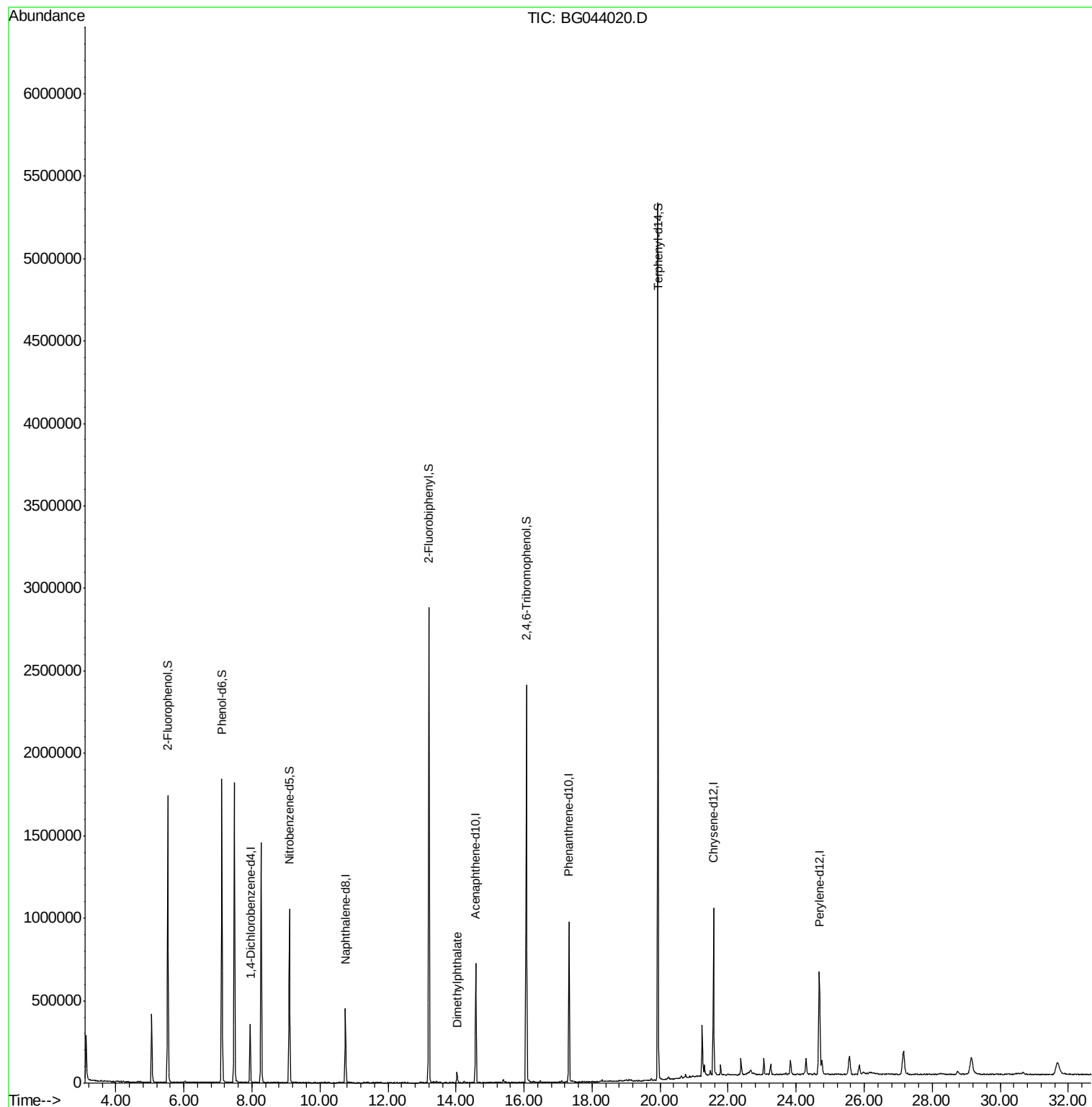
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 107364   | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.74 | 136  | 419925   | 20.00  | ng    | -0.02     |
| 39) Acenaphthene-d10        | 14.58 | 164  | 270134   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 17.32 | 188  | 612865   | 20.00  | ng    | -0.02     |
| 76) Chrysene-d12            | 21.57 | 240  | 582652   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 24.68 | 264  | 641627   | 20.00  | ng    | -0.04     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.53  | 112  | 860577   | 147.17 | ng    | -0.01     |
| 7) Phenol-d6                | 7.11  | 99   | 1180911  | 144.48 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 9.10  | 82   | 688419   | 87.70  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 16.07 | 330  | 463709   | 164.03 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 13.20 | 172  | 1495524  | 100.30 | ng    | -0.02     |
| 79) Terphenyl-d14           | 19.93 | 244  | 2368291  | 103.59 | ng    | -0.02     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.03 | 163  | 45546    | 2.375  | ng    | Qvalue 99 |

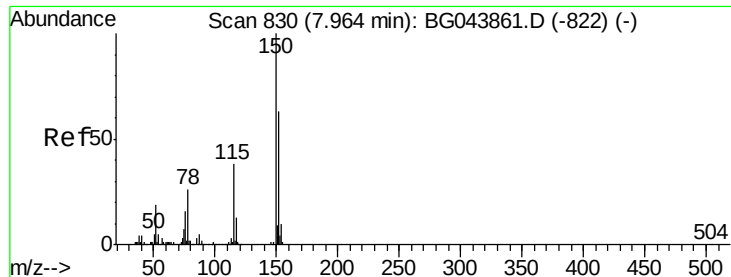
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\  
Data File : BG044020.D  
Acq On : 13 Jan 2020 20:19  
Operator : JU  
Sample : PB126031BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB126031BL

Quant Time: Jan 14 10:28:09 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 31 13:32:23 2019  
Response via : Initial Calibration



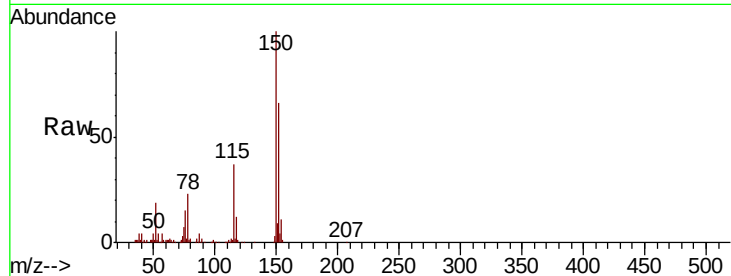


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.02 min  
Lab File: BG044020.D  
Acq: 13 Jan 2020 20:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB126031BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.3 | 127.0 | 190.4 |
| 115     | 56.9  | 47.8  | 71.8  |

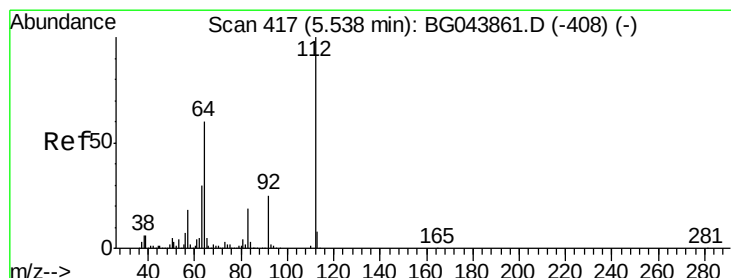
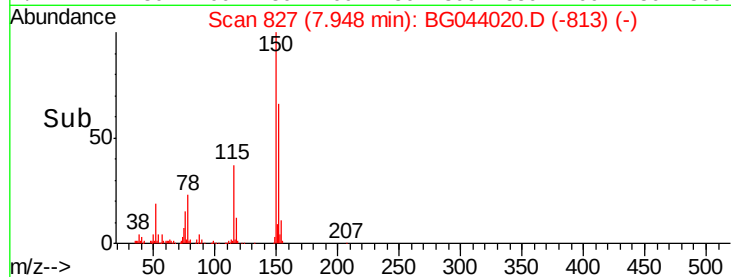
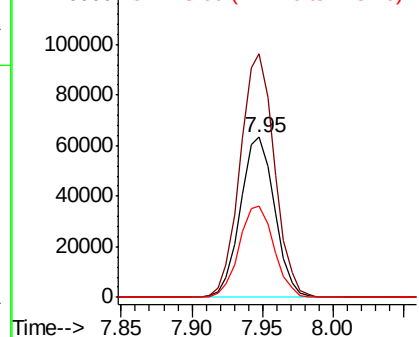


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

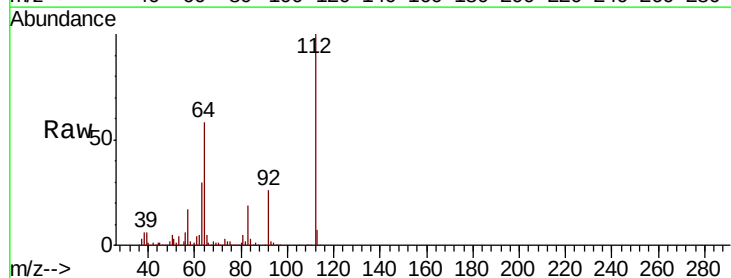
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 147.174 ng  
RT: 5.53 min Scan# 415  
Delta R.T. -0.01 min  
Lab File: BG044020.D  
Acq: 13 Jan 2020 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.9  | 47.8  | 71.6  |
| 63      | 30.3  | 24.3  | 36.5  |

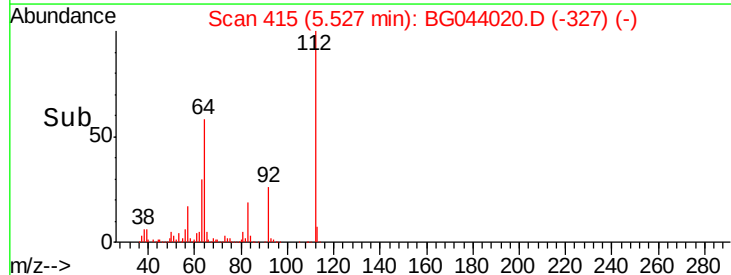
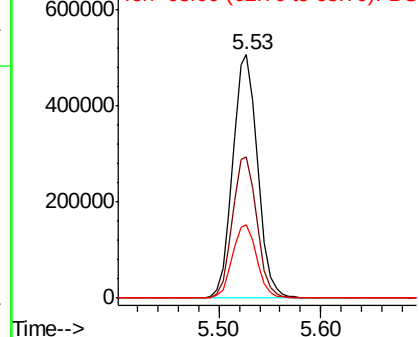


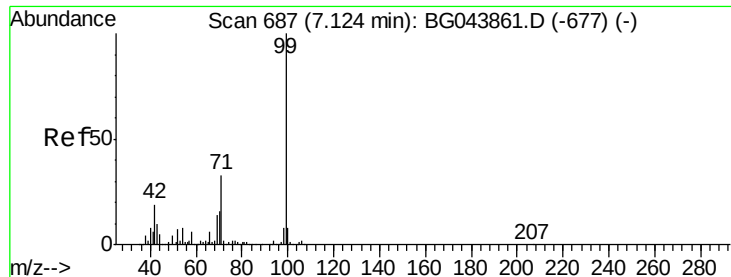
Abundance

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: 144.480 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044020.D

Acq: 13 Jan 2020 20:19

Instrument :

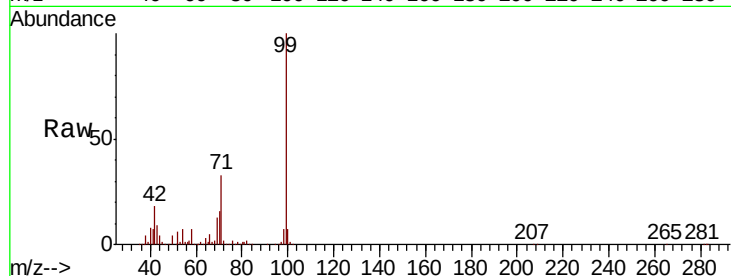
BNA\_G

ClientSampleId :

PB126031BL

Tot Ion: 99 Resp: 1180911

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.4  | 14.9  | 22.3  |
| 71  | 33.3  | 26.4  | 39.6  |

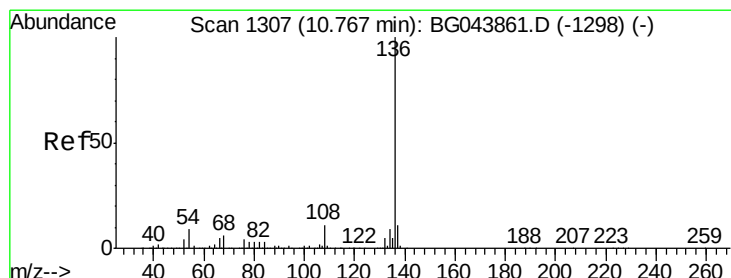
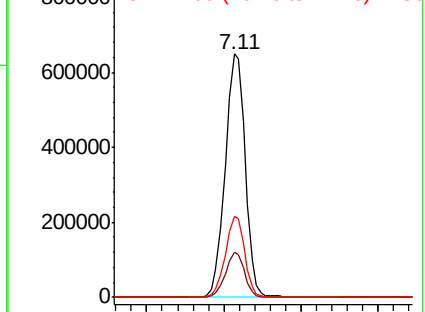
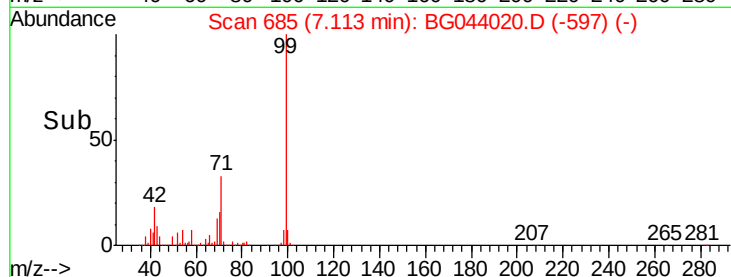


Abundance

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: 10.74 min Scan# 1303

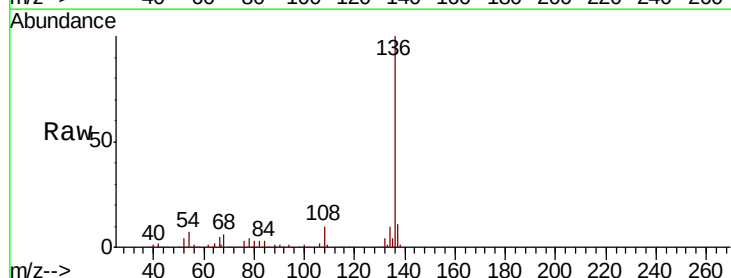
Delta R.T. -0.02 min

Lab File: BG044020.D

Acq: 13 Jan 2020 20:19

Tgt Ion: 136 Resp: 419925

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 8.8   | 13.2  |
| 54  | 7.3   | 7.0   | 10.4  |
| 68  | 5.9   | 4.9   | 7.3   |



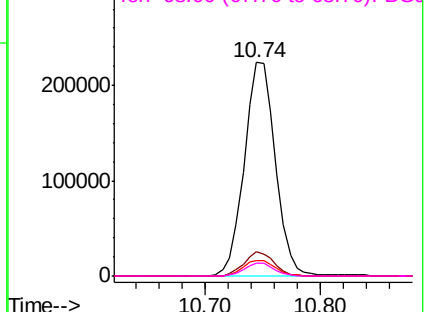
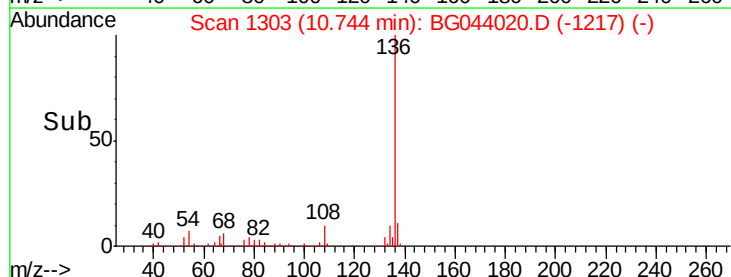
Abundance

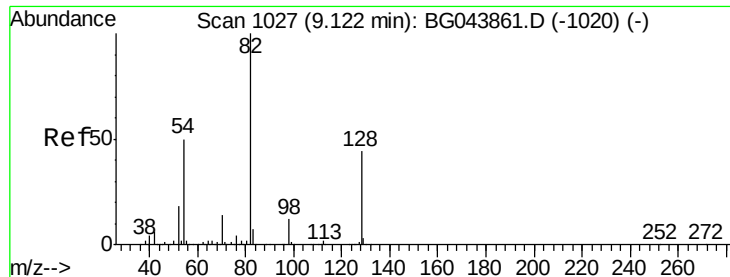
Ion 136.00 (135.70 to 136.70): BGC

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

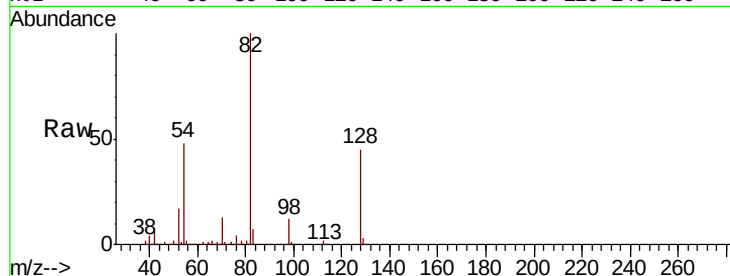




#23  
Nitrobenzene-d5  
Concen: 87.700 ng  
RT: 9.10 min Scan# 1023  
Delta R.T. -0.02 min  
Lab File: BG044020.D  
Acq: 13 Jan 2020 20:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB126031BL

| Tot Ion   | 82    | Resp  | 688419 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.1  | 35.1  | 52.7   |
| 54        | 48.0  | 40.1  | 60.1   |

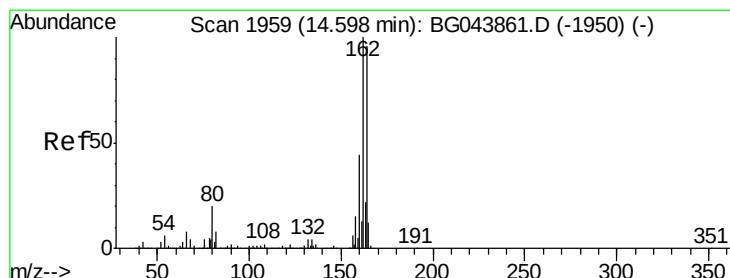
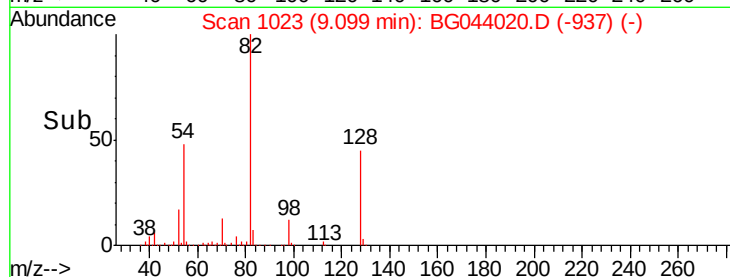
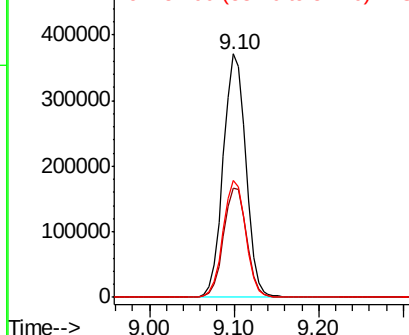


Abundance

Ion 82.00 (81.70 to 82.70): BGC

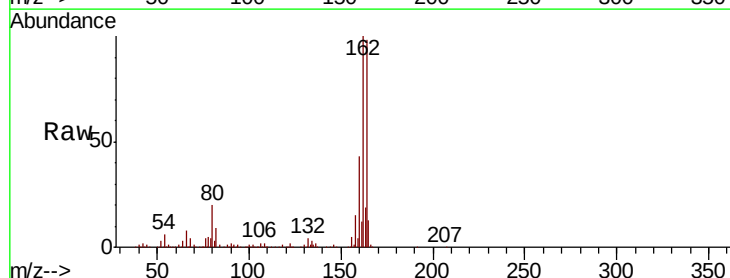
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.58 min Scan# 1955  
Delta R.T. -0.02 min  
Lab File: BG044020.D  
Acq: 13 Jan 2020 20:19

| Tgt Ion   | 164   | Resp  | 270134 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.5 | 83.0  | 124.4  |
| 160       | 44.5  | 36.1  | 54.1   |

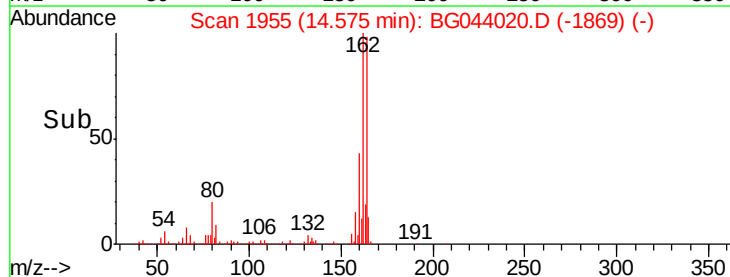
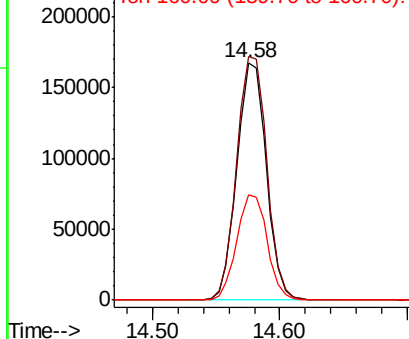


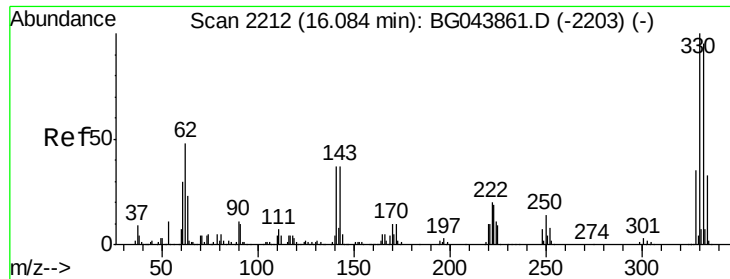
Abundance

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

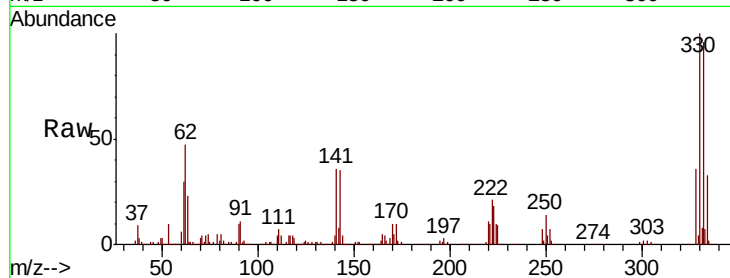




#42  
 2,4,6-Tribromophenol  
 Concen: 164.035 ng  
 RT: 16.07 min Scan# 2209  
 Delta R.T. -0.02 min  
 Lab File: BG044020.D  
 Acq: 13 Jan 2020 20:19

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126031BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.8  | 77.2  | 115.8 |
| 141     | 38.3  | 33.1  | 49.7  |

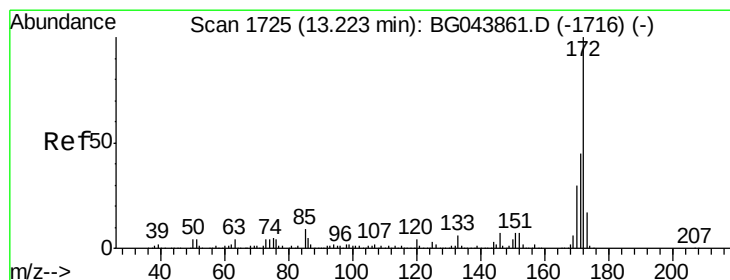
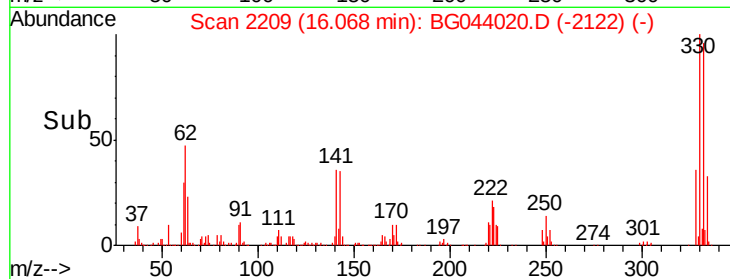
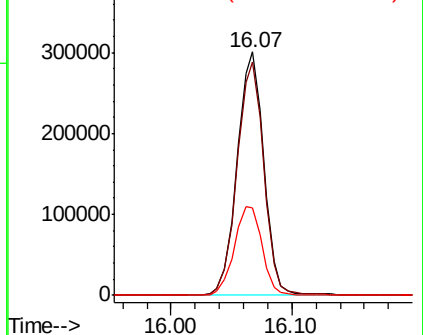


Abundance

Ion 329.80 (329.50 to 330.50): E

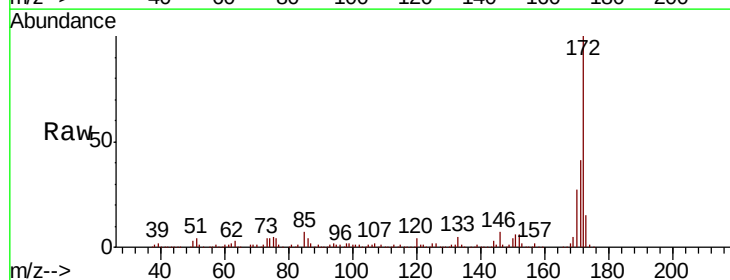
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 100.304 ng  
 RT: 13.20 min Scan# 1721  
 Delta R.T. -0.02 min  
 Lab File: BG044020.D  
 Acq: 13 Jan 2020 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 40.7  | 35.8  | 53.8  |
| 170     | 27.3  | 24.2  | 36.4  |

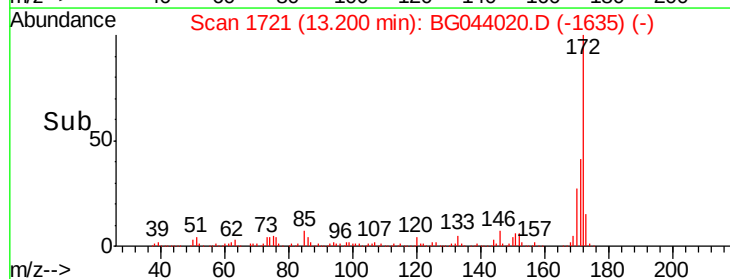
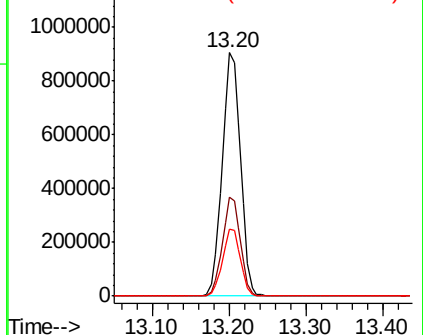


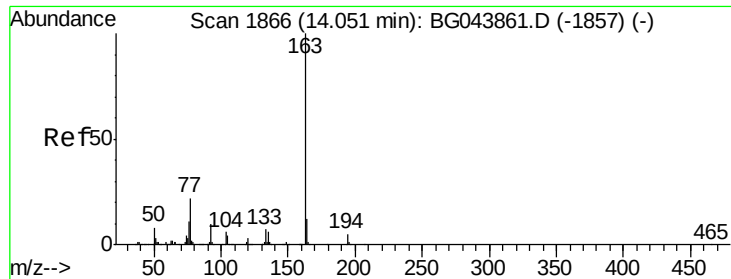
Abundance

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

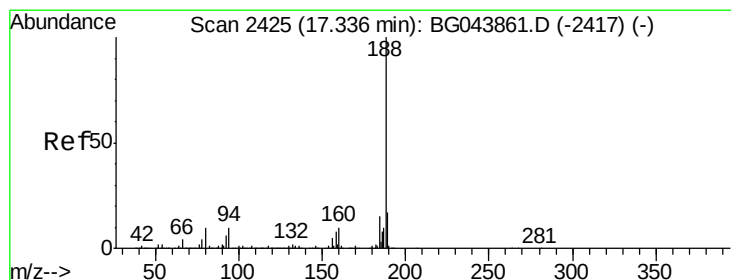
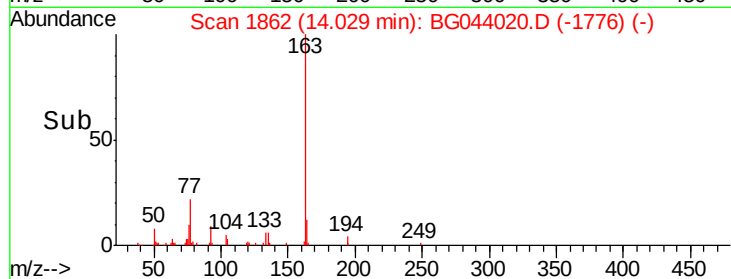
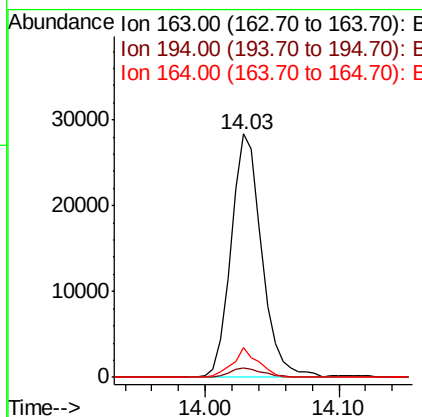
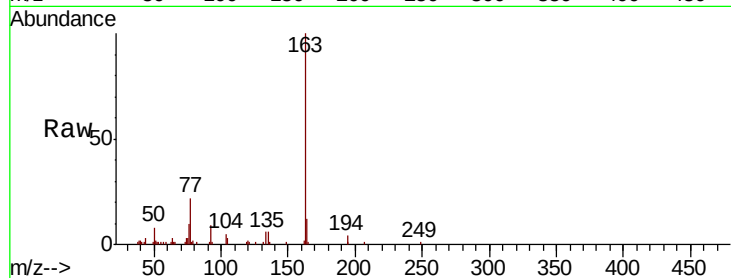




#50  
Dimethylphthalate  
Concen: 2.375 ng  
RT: 14.03 min Scan# 1862  
Delta R.T. -0.02 min  
Lab File: BG044020.D  
Acq: 13 Jan 2020 20:19

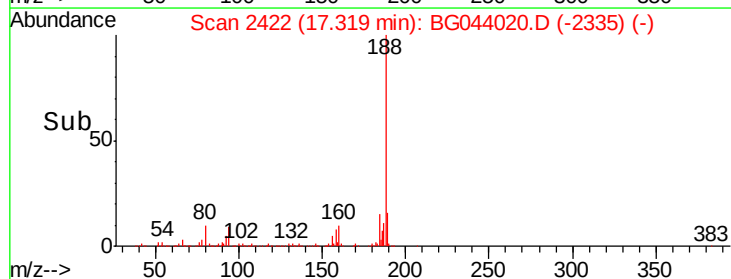
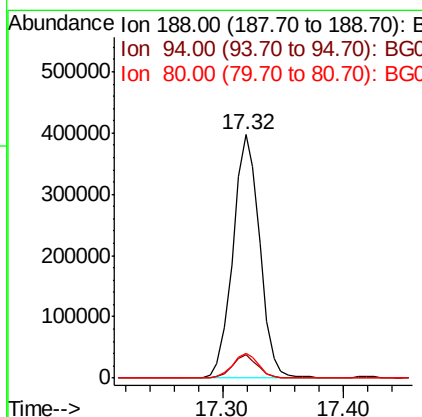
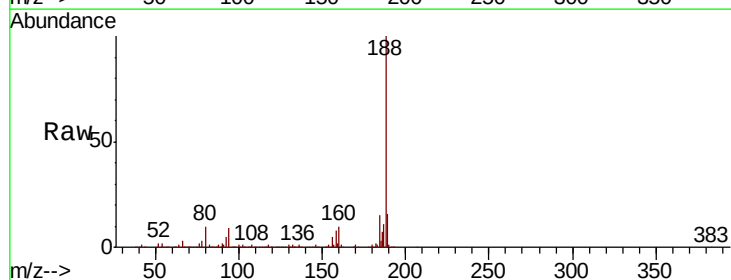
Instrument :  
BNA\_G  
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PB126031BL

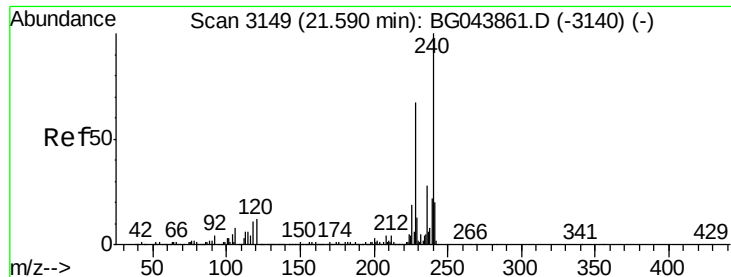
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.6   | 3.7   | 5.5   |
| 164     | 12.1  | 9.3   | 13.9  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.32 min Scan# 2422  
Delta R.T. -0.02 min  
Lab File: BG044020.D  
Acq: 13 Jan 2020 20:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.4   | 7.9   | 11.9  |
| 80      | 10.4  | 8.2   | 12.4  |

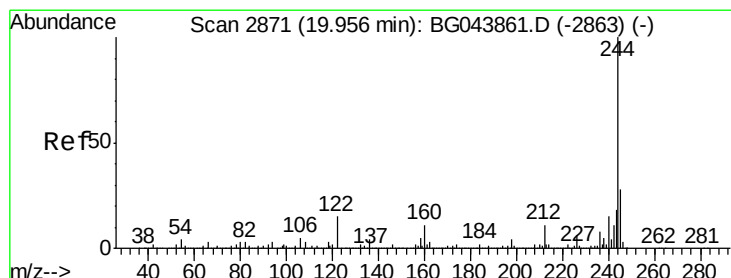
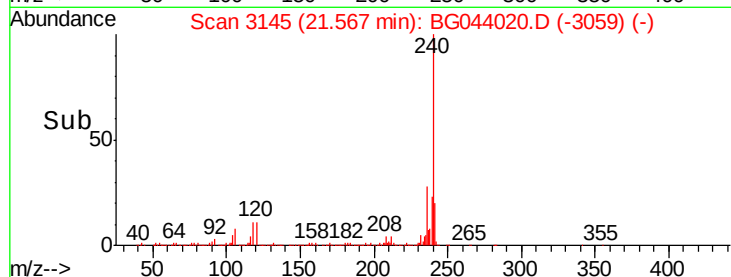
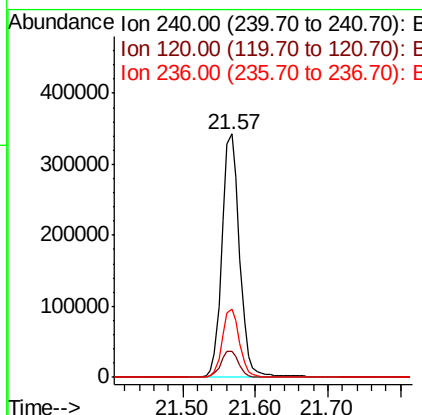
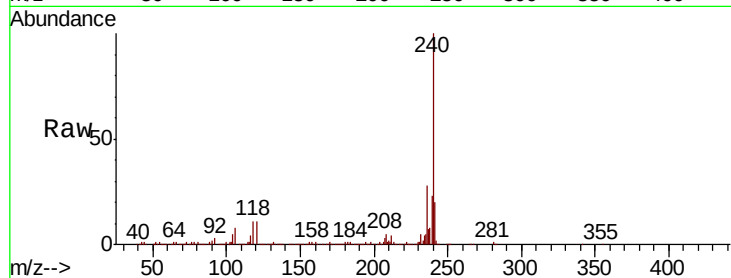




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.57 min Scan# 3145  
Delta R.T. -0.02 min  
Lab File: BG044020.D  
Acq: 13 Jan 2020 20:19

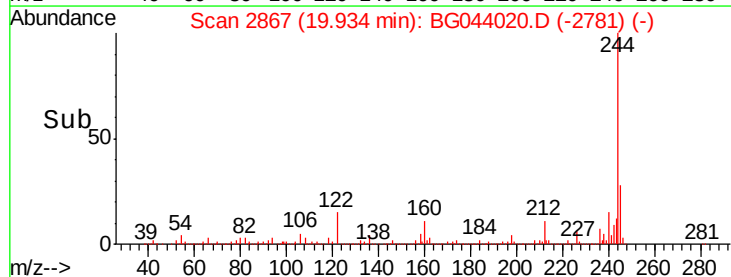
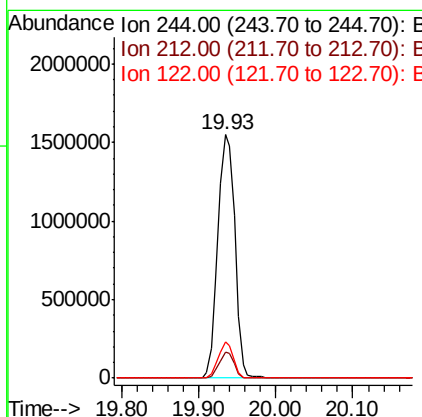
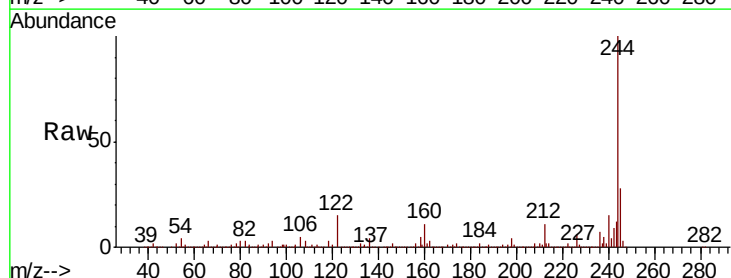
Instrument :  
BNA\_G  
ClientSampleId :  
PB126031BL

Tot Ion:240 Resp: 582652  
Ion Ratio Lower Upper  
240 100  
120 10.9 9.6 14.4  
236 27.8 22.2 33.2

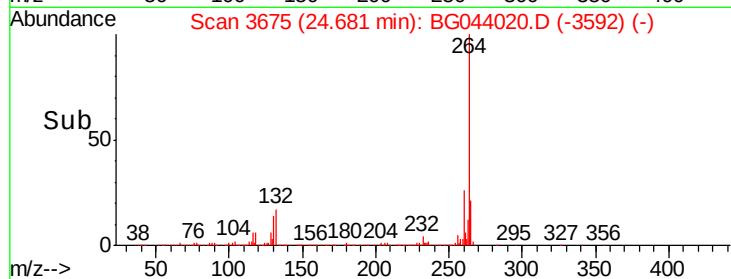
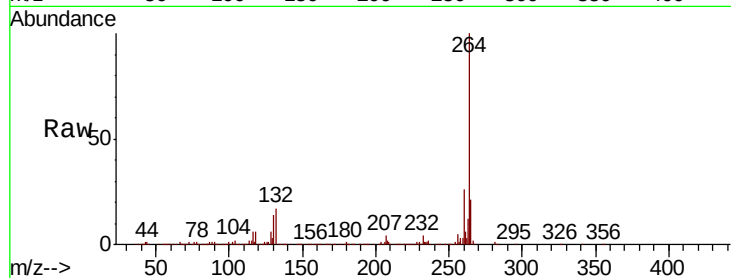
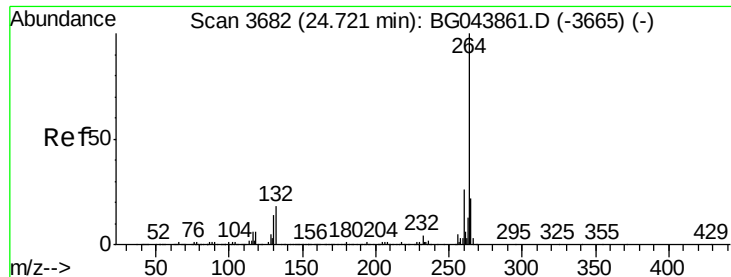


#79  
Terphenyl-d14  
Concen: 103.591 ng  
RT: 19.93 min Scan# 2867  
Delta R.T. -0.02 min  
Lab File: BG044020.D  
Acq: 13 Jan 2020 20:19

Tgt Ion:244 Resp: 2368291  
Ion Ratio Lower Upper  
244 100  
212 10.7 8.6 13.0  
122 14.7 11.9 17.9







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.68 min Scan# 3675  
Delta R.T. -0.04 min  
Lab File: BG044020.D  
Acq: 13 Jan 2020 20:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB126031BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.7  | 20.4  | 30.6  |
| 265     | 21.5  | 17.4  | 26.2  |

