

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\  
 Data File : BG045127.D  
 Acq On : 22 Apr 2020 15:29  
 Operator : CG/JU  
 Sample : L2352-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP-LAWNSIDE

Quant Time: Apr 22 16:06:14 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 22 15:34:52 2020  
 Response via : Initial Calibration

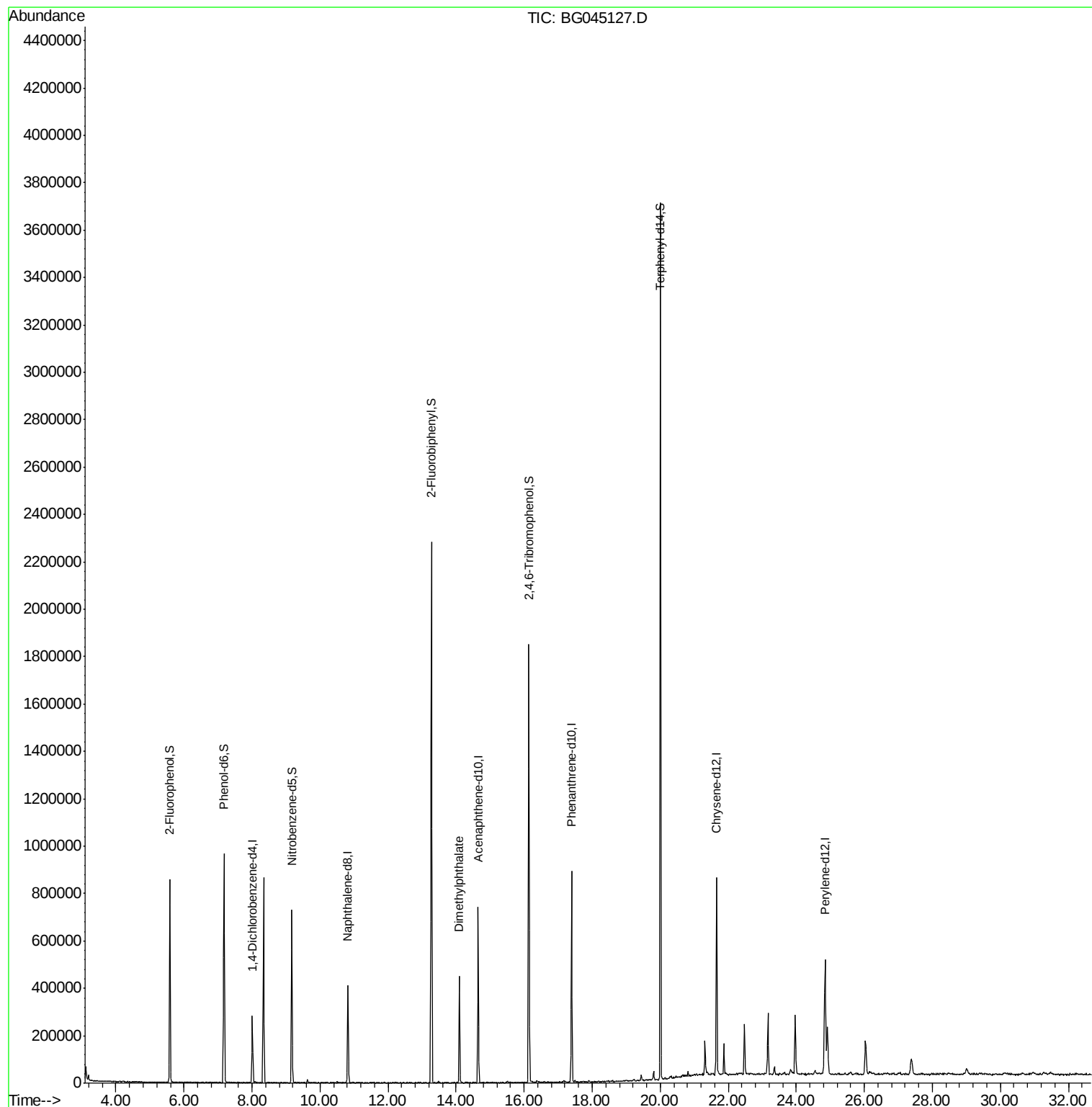
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 82651    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.82 | 136  | 360354   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.65 | 164  | 267981   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.40 | 188  | 604396   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.66 | 240  | 510226   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 24.84 | 264  | 558476   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.58  | 112  | 411424   | 82.18  | ng    | 0.00      |
| 7) Phenol-d6                | 7.18  | 99   | 593777   | 79.83  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 496044   | 62.81  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 383139   | 92.55  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.27 | 172  | 1227477  | 67.16  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.01 | 244  | 1717464  | 73.37  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.10 | 163  | 301389   | 13.812 | ng    | Qvalue 99 |

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

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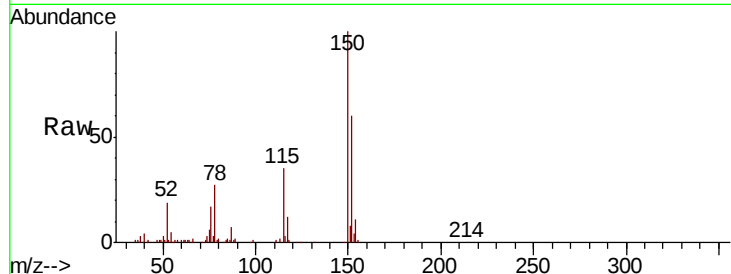


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BG045127.D  
Acq: 22 Apr 2020 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SP-LAWNSIDE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 165.7 | 123.6 | 185.4 |
| 115     | 58.5  | 49.1  | 73.7  |

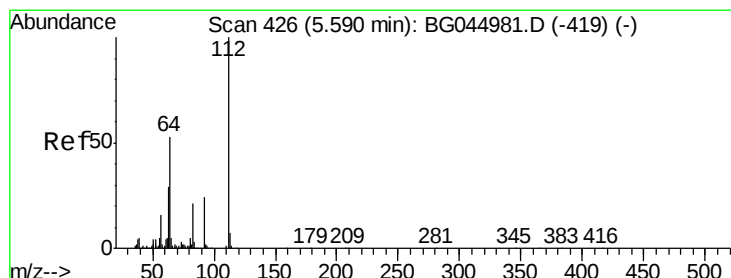
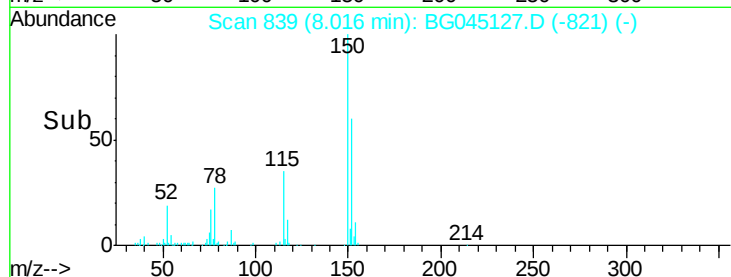
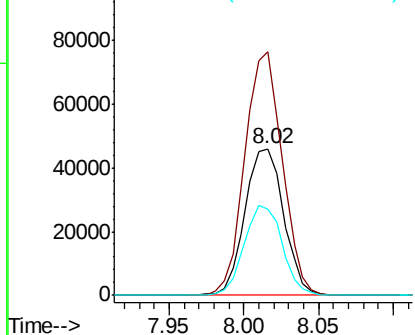


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

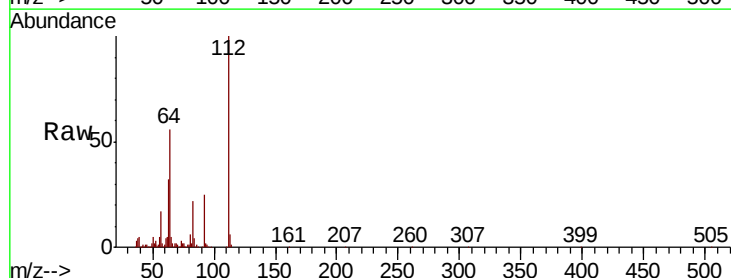
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 82.182 ng  
RT: 5.58 min Scan# 425  
Delta R.T. -0.00 min  
Lab File: BG045127.D  
Acq: 22 Apr 2020 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.1  | 42.4  | 63.6  |
| 63      | 31.9  | 23.1  | 34.7  |

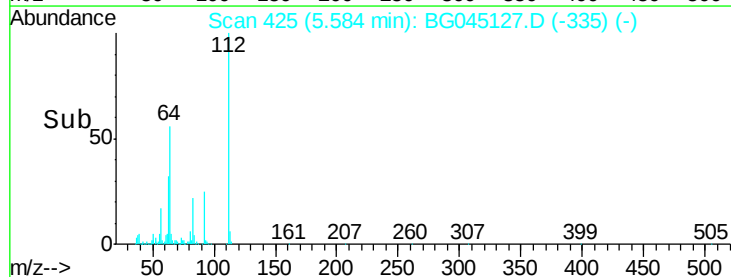
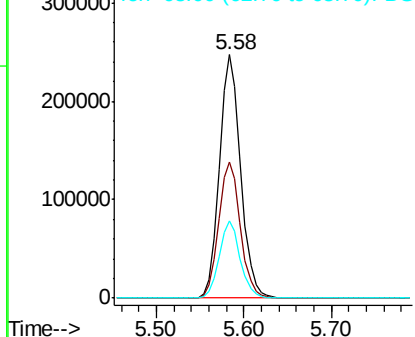


Abundance

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: 79.829 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045127.D

Acq: 22 Apr 2020 15:29

Instrument :

BNA\_G

ClientSampleId :

SP-LAWNSIDE

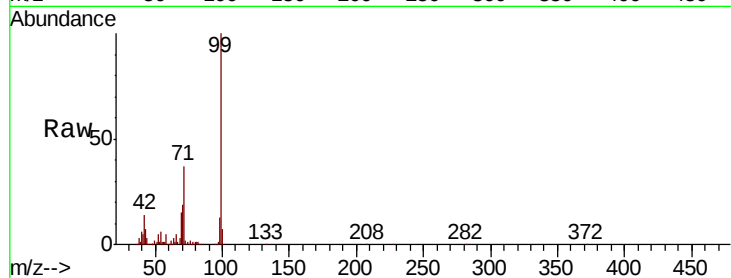
Tot Ion: 99 Resp: 593777

Ion Ratio Lower Upper

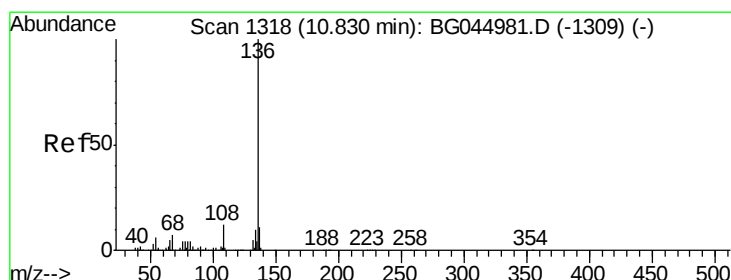
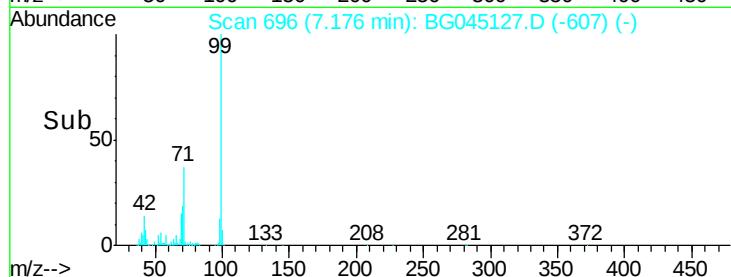
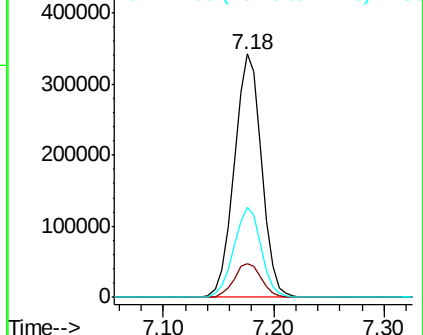
99 100

42 14.1 11.3 16.9

71 37.2 28.3 42.5



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: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG045127.D

Acq: 22 Apr 2020 15:29

Tgt Ion: 136 Resp: 360354

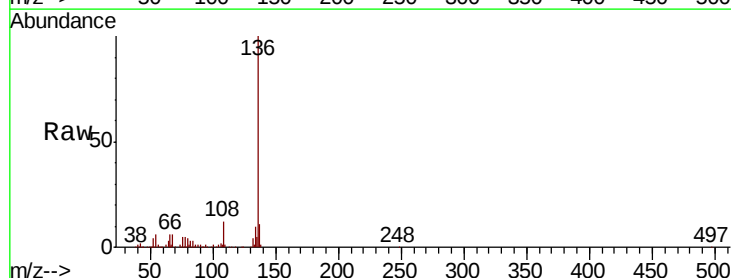
Ion Ratio Lower Upper

136 100

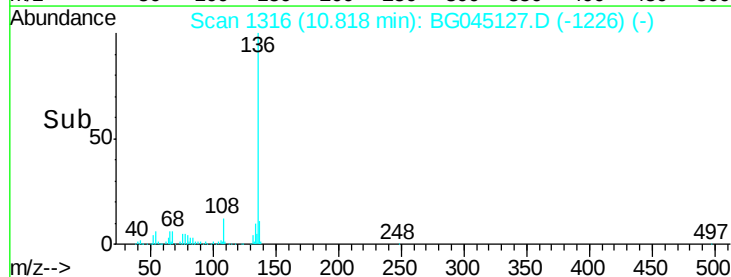
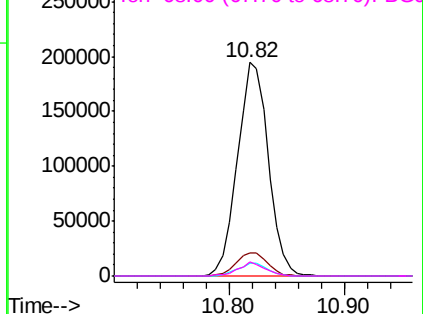
137 10.7 8.6 13.0

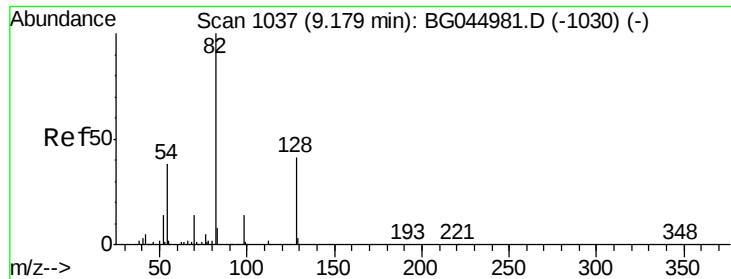
54 5.9 4.8 7.2

68 6.4 5.2 7.8



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

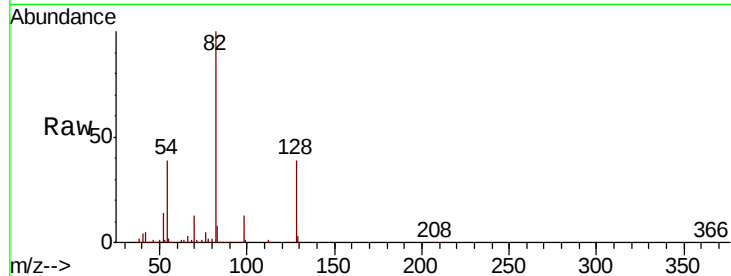




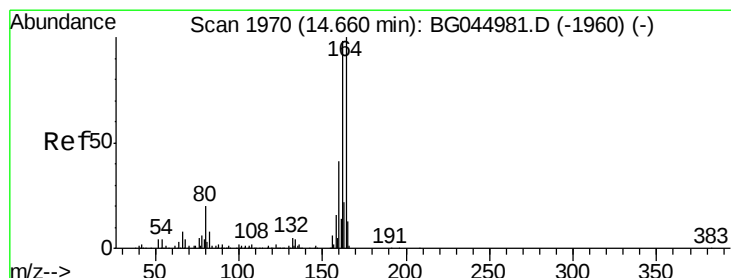
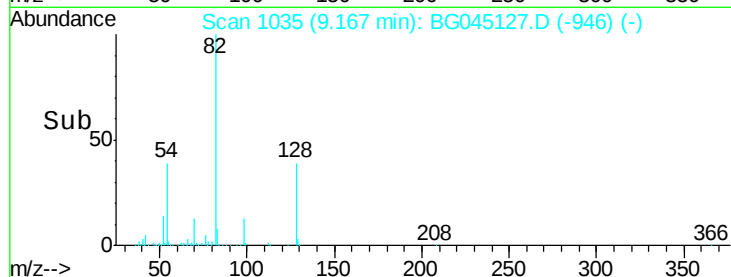
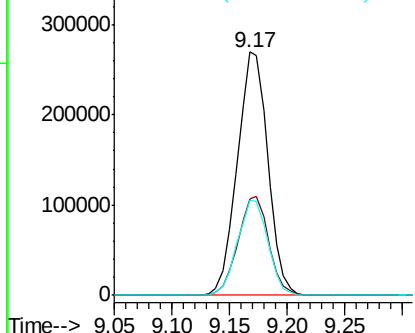
#23  
Nitrobenzene-d5  
Concen: 62.810 ng  
RT: 9.17 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BG045127.D  
Acq: 22 Apr 2020 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SP-LAWNSIDE

| Tot Ion   | 82    | Resp  | 496044 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.4  | 33.0  | 49.4   |
| 54        | 39.0  | 30.4  | 45.6   |

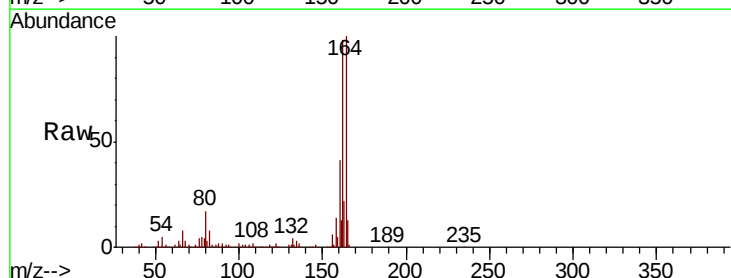


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

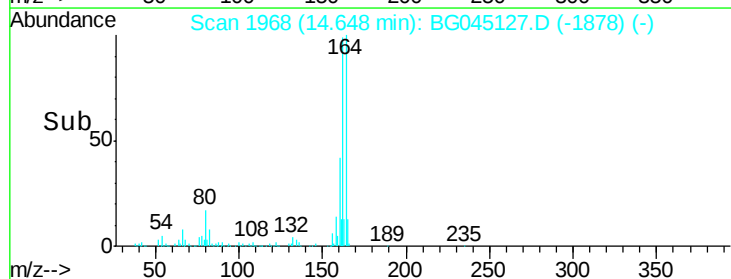
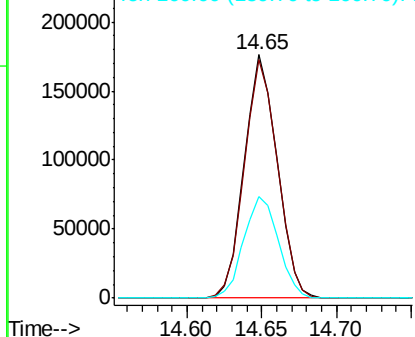


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.65 min Scan# 1968  
Delta R.T. -0.00 min  
Lab File: BG045127.D  
Acq: 22 Apr 2020 15:29

| Tgt Ion   | 164   | Resp  | 267981 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.2  | 78.7  | 118.1  |
| 160       | 41.5  | 32.8  | 49.2   |



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

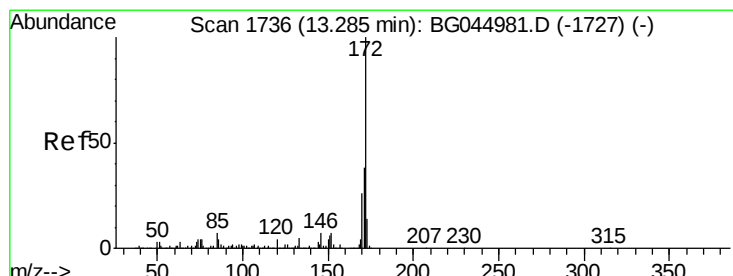
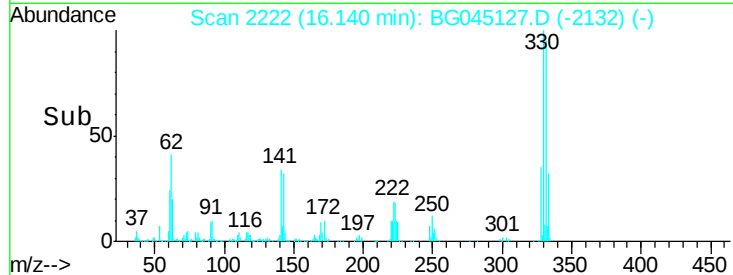
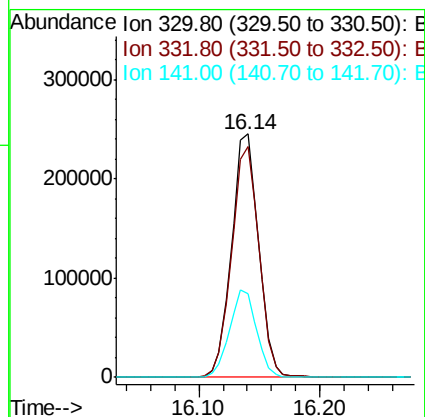
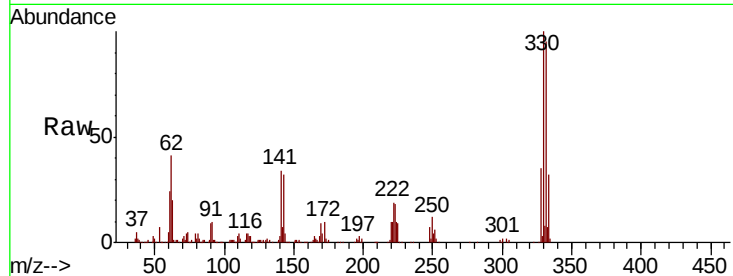




#42  
 2,4,6-Tribromophenol  
 Concen: 92.547 ng  
 RT: 16.14 min Scan# 2222  
 Delta R.T. -0.00 min  
 Lab File: BG045127.D  
 Acq: 22 Apr 2020 15:29

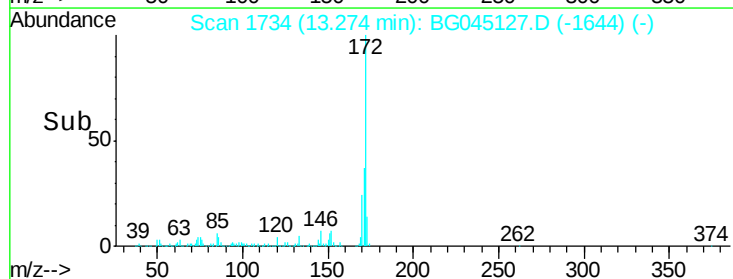
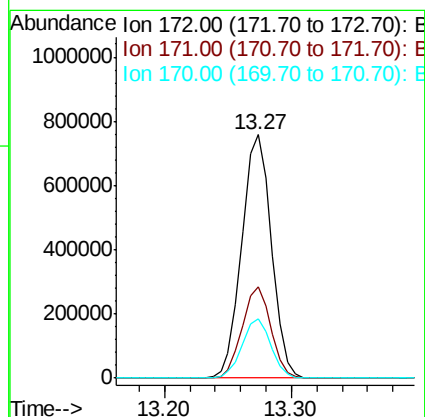
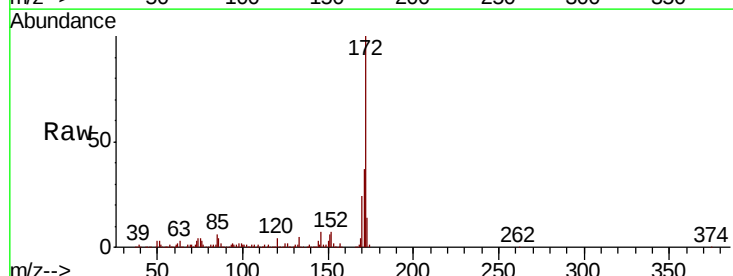
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP-LAWNSIDE

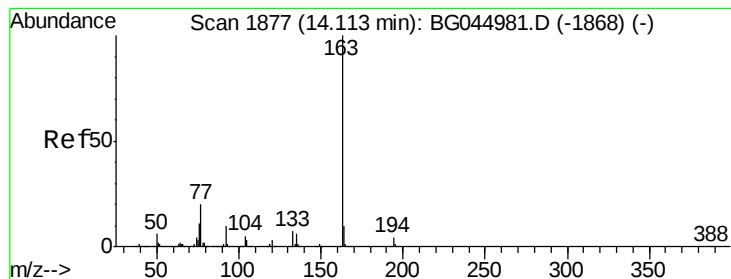
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 330   | Resp: | 383139 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 95.8  | 79.1  | 118.7  |
| 141      | 35.6  | 27.1  | 40.7   |



#45  
 2-Fluorobiphenyl  
 Concen: 67.164 ng  
 RT: 13.27 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BG045127.D  
 Acq: 22 Apr 2020 15:29

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1227477 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 37.3  | 30.6  | 46.0    |
| 170      | 24.2  | 20.5  | 30.7    |





#50

Dimethylphthalate

Concen: 13.812 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG045127.D

Acq: 22 Apr 2020 15:29

Instrument :

BNA\_G

ClientSampleId :

SP-LAWNSIDE

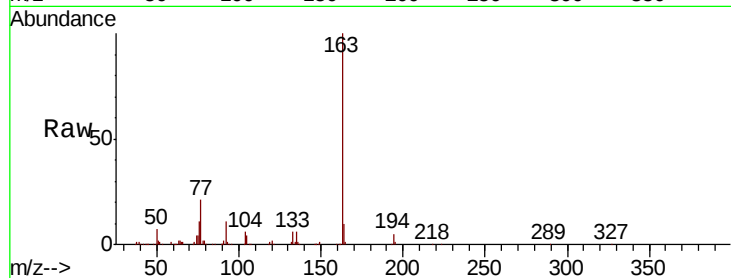
Tot Ion:163 Resp: 301389

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

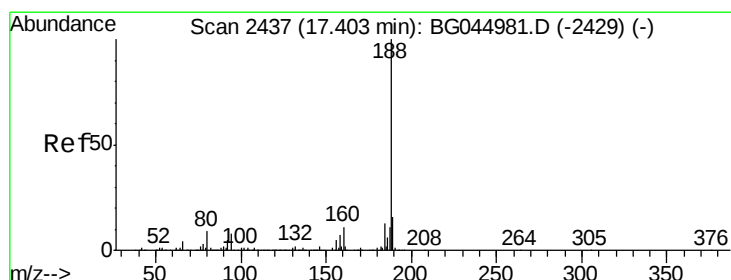
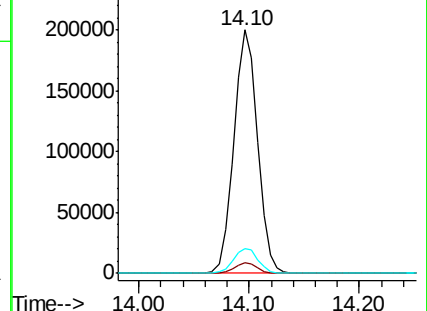
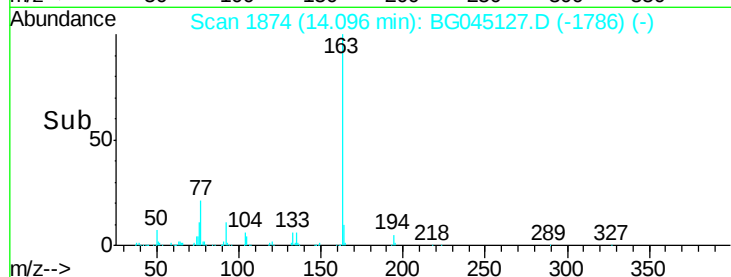
164 9.9 8.2 12.4



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. -0.00 min

Lab File: BG045127.D

Acq: 22 Apr 2020 15:29

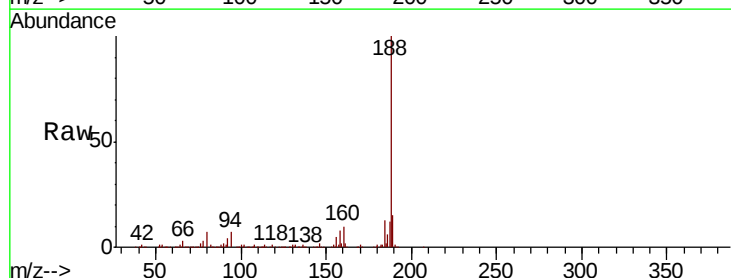
Tgt Ion:188 Resp: 604396

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

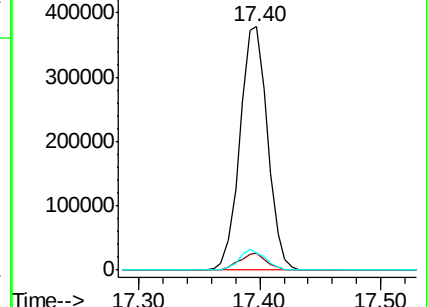
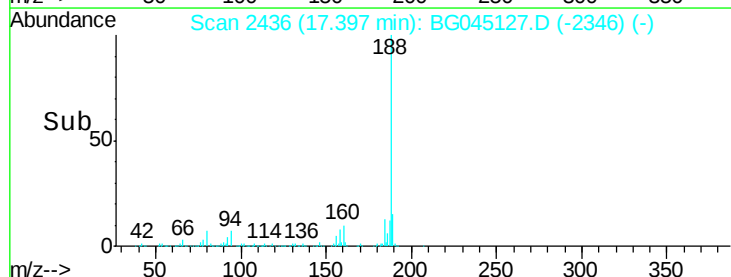
80 7.2 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

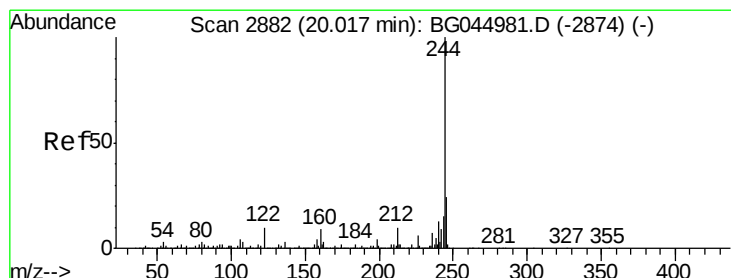
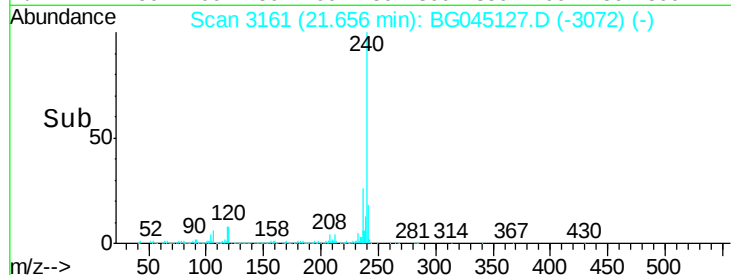
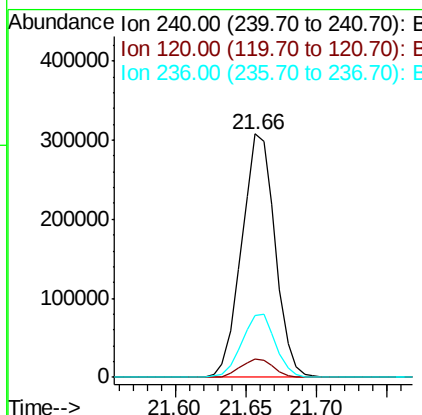
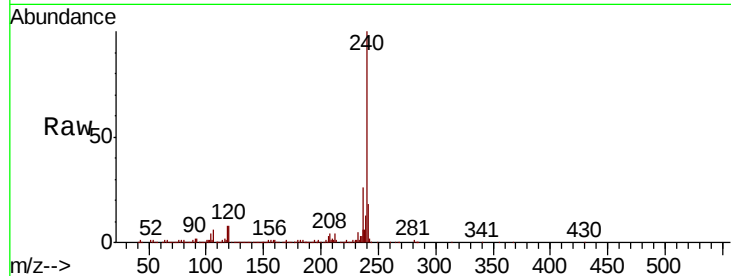




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.66 min Scan# 3161  
Delta R.T. -0.01 min  
Lab File: BG045127.D  
Acq: 22 Apr 2020 15:29

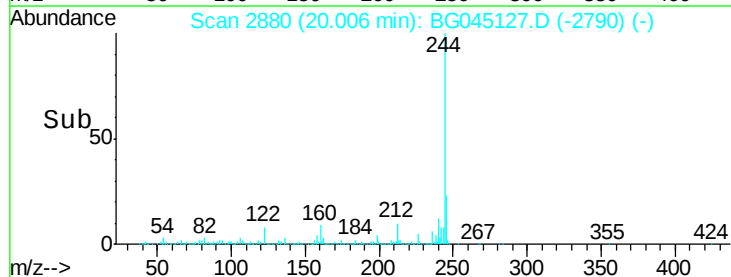
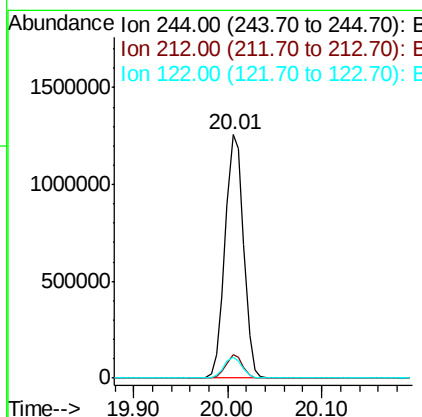
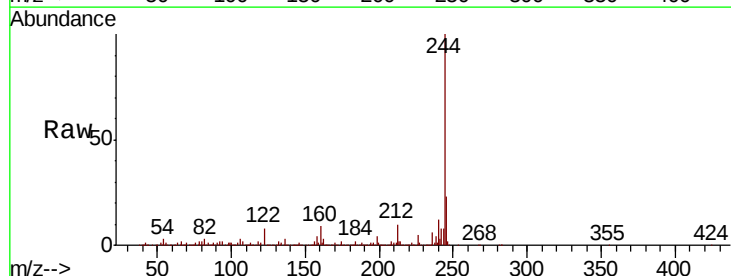
Instrument :  
BNA\_G  
ClientSampleId :  
SP-LAWNSIDE

Tot Ion:240 Resp: 510226  
Ion Ratio Lower Upper  
240 100  
120 7.6 6.6 10.0  
236 25.6 22.2 33.2



#79  
Terphenyl-d14  
Concen: 73.366 ng  
RT: 20.01 min Scan# 2880  
Delta R.T. -0.00 min  
Lab File: BG045127.D  
Acq: 22 Apr 2020 15:29

Tgt Ion:244 Resp: 1717464  
Ion Ratio Lower Upper  
244 100  
212 9.5 7.9 11.9  
122 8.5 7.7 11.5

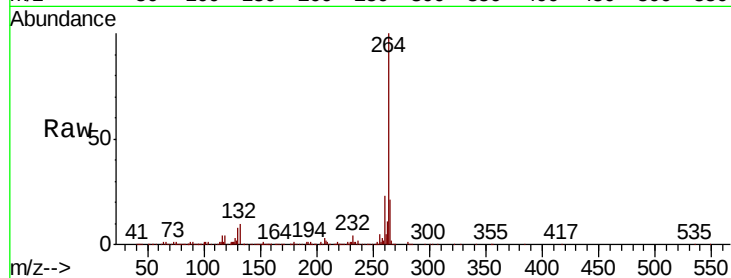




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.84 min Scan# 3703  
Delta R.T. -0.01 min  
Lab File: BG045127.D  
Acq: 22 Apr 2020 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SP-LAWNSIDE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.2  | 28.8  |
| 265     | 21.0  | 19.0  | 28.4  |



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

