

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\  
 Data File : BG037229.D  
 Acq On : 9 Oct 2018 22:44  
 Operator : JU/SJ  
 Sample : J5329-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 POND-2

Quant Time: Oct 10 07:06:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 10 06:57:02 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 49358    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.75 | 136  | 191059   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.58 | 164  | 124044   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.33 | 188  | 311831   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.58 | 240  | 336395   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 24.71 | 264  | 332417   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 298540   | 116.00 | ng    | 0.00     |
| 7) Phenol-d6                | 7.11  | 99   | 373490   | 93.80  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.11  | 82   | 298597   | 83.69  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.08 | 330  | 191275   | 128.88 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.21 | 172  | 657771   | 78.98  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.94 | 244  | 1181157  | 92.33  | ng    | 0.00     |

Target Compounds Qvalue

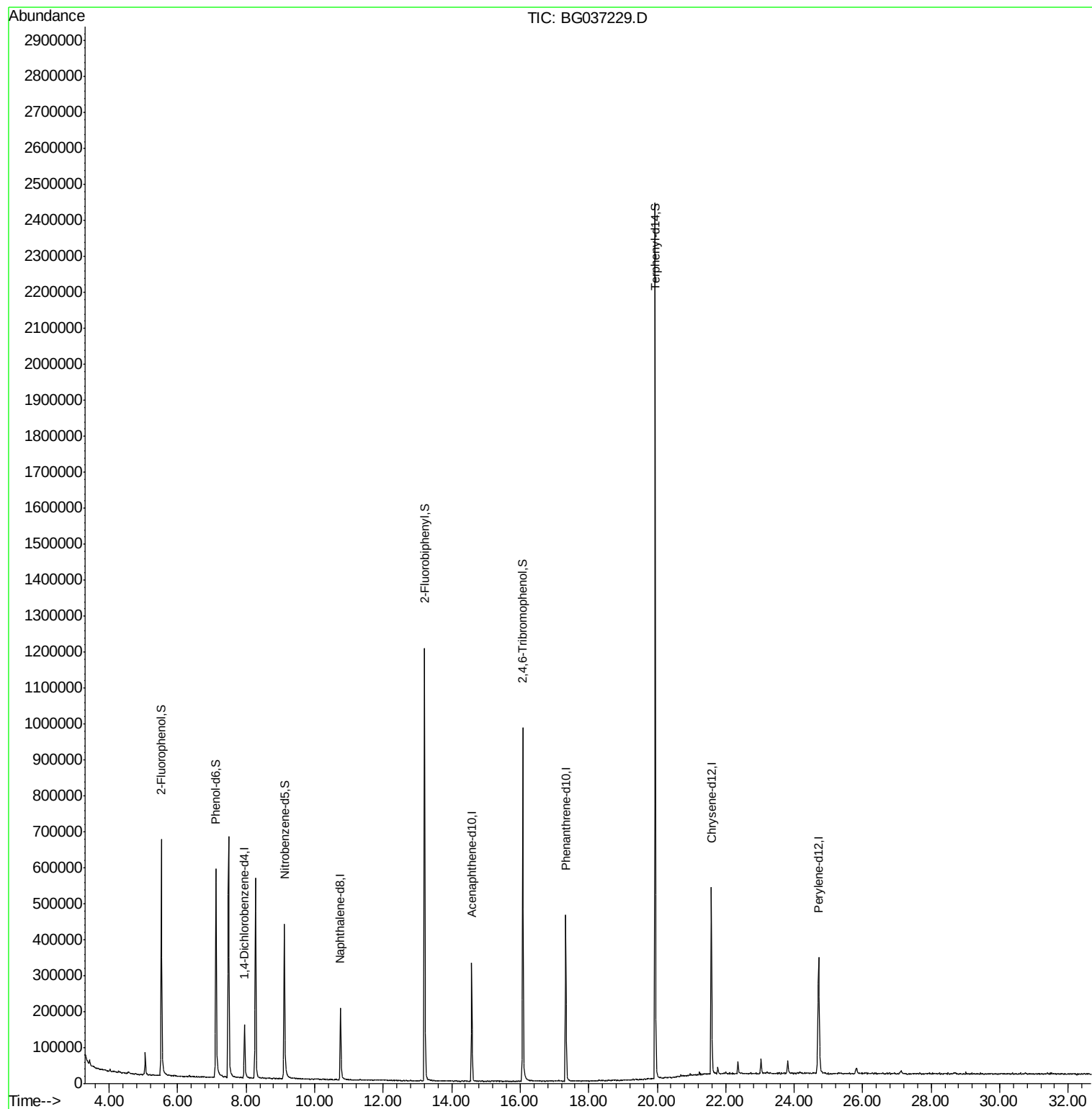
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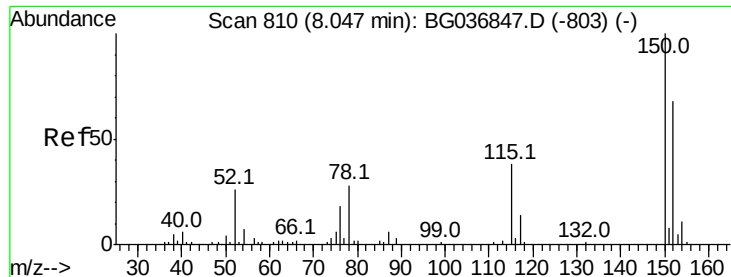
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J5329-08  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
POND-2

Quant Time: Oct 10 07:06:14 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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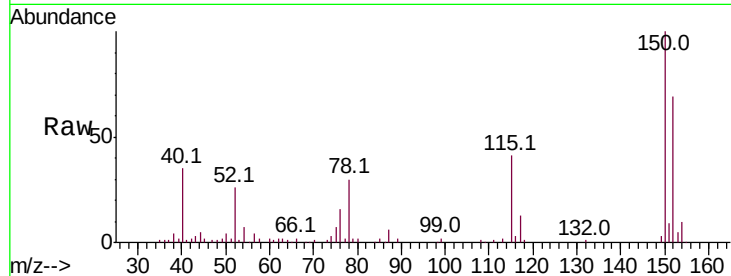


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 793  
Delta R.T. -0.00 min  
Lab File: BG037229.D  
Acq: 9 Oct 2018 22:44

Instrument :  
BNA\_G  
ClientSampleId :  
POND-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 144.0 | 119.5 | 179.3 |
| 115     | 59.1  | 44.5  | 66.7  |

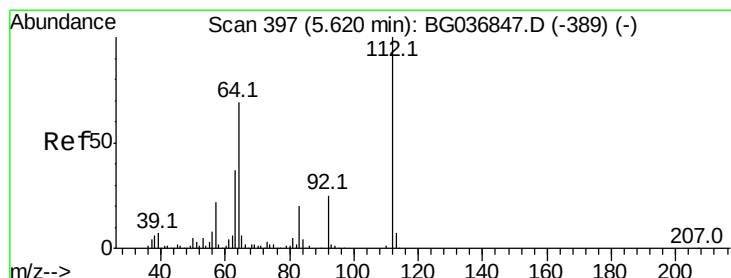
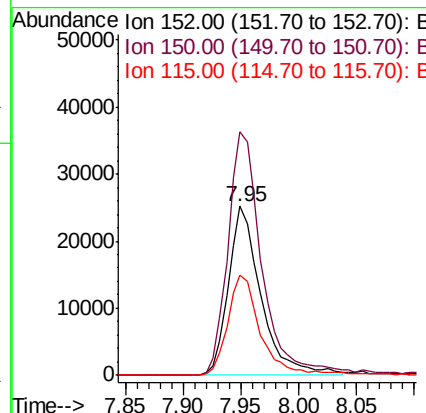
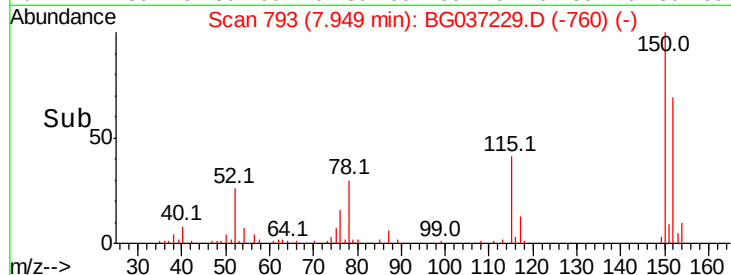


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

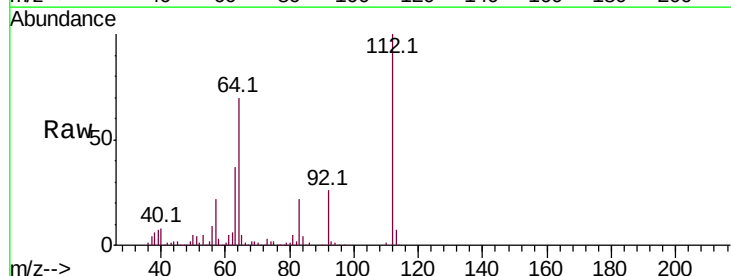
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 115.996 ng  
RT: 5.52 min Scan# 380  
Delta R.T. 0.01 min  
Lab File: BG037229.D  
Acq: 9 Oct 2018 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 69.9  | 57.2  | 85.8  |
| 63      | 37.0  | 30.8  | 46.2  |

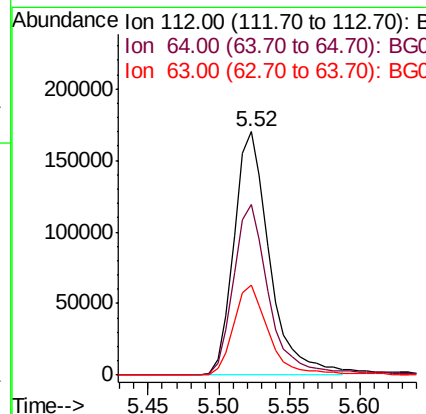
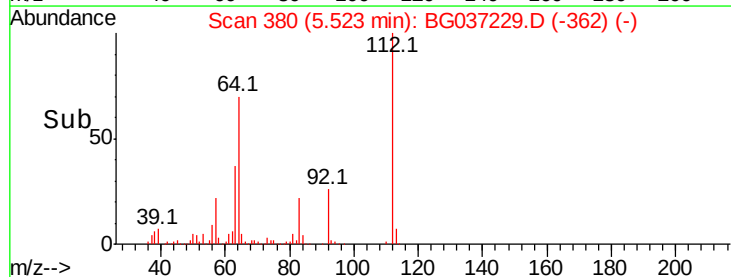


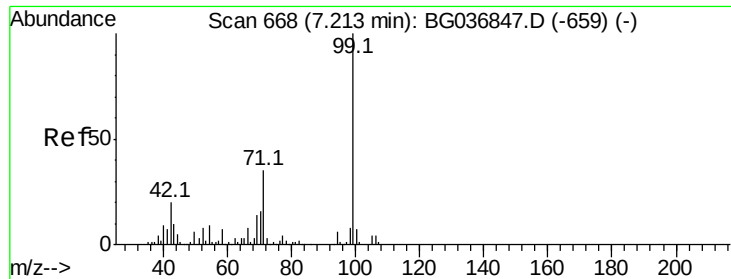
Abundance

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: 93.796 ng

RT: 7.11 min Scan# 651

Delta R.T. 0.00 min

Lab File: BG037229.D

Acq: 9 Oct 2018 22:44

Instrument :

BNA\_G

ClientSampleId :

POND-2

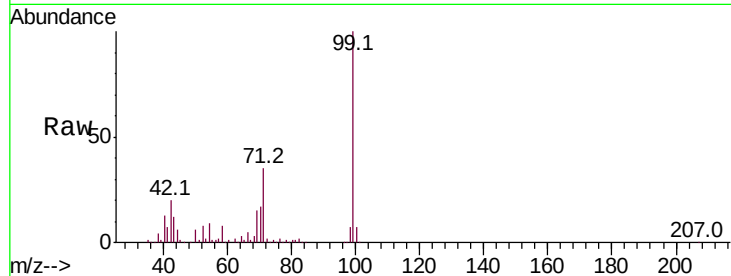
Tot Ion: 99 Resp: 373490

Ion Ratio Lower Upper

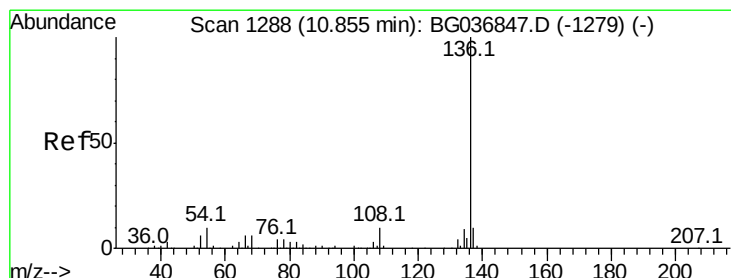
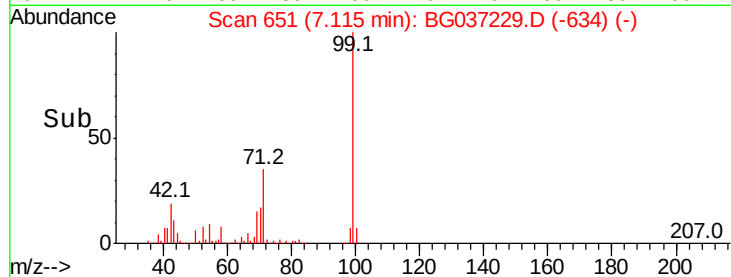
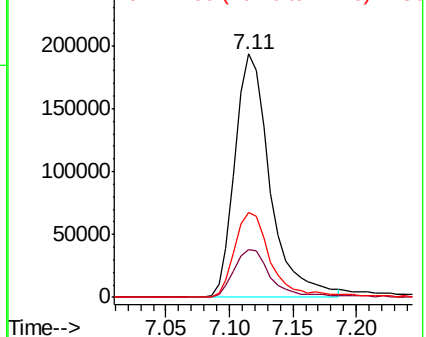
99 100

42 19.6 16.5 24.7

71 34.8 29.4 44.2



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# 1270

Delta R.T. -0.00 min

Lab File: BG037229.D

Acq: 9 Oct 2018 22:44

Tgt Ion: 136 Resp: 191059

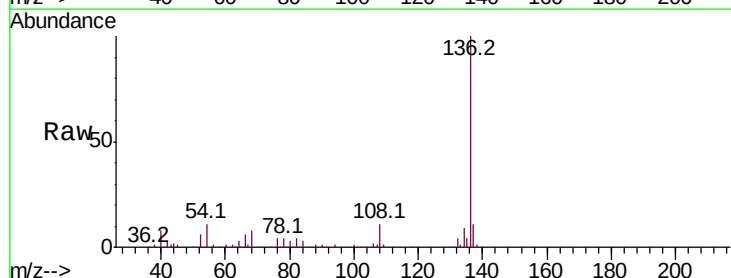
Ion Ratio Lower Upper

136 100

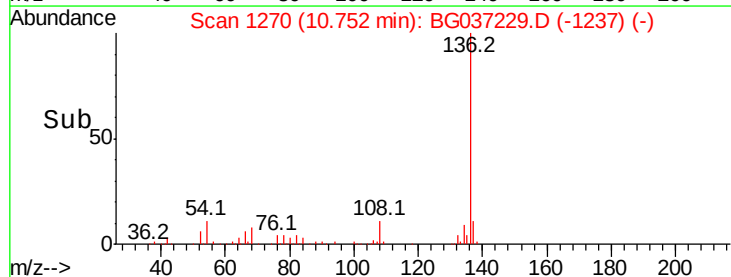
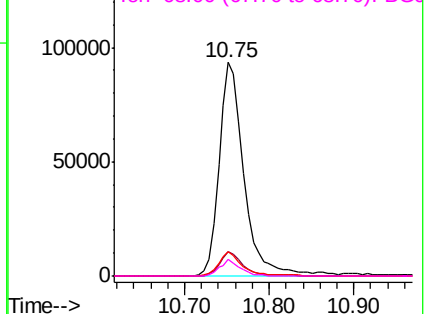
137 11.4 8.8 13.2

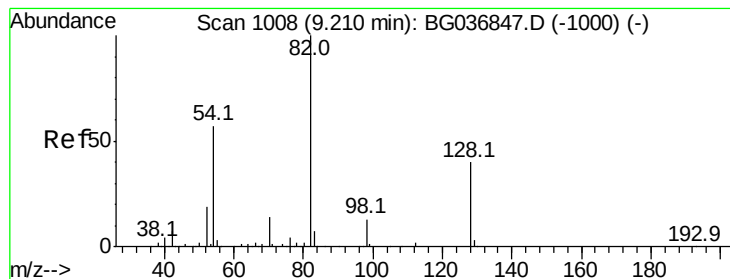
54 11.2 9.2 13.8

68 7.5 5.8 8.6



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: 83.692 ng

RT: 9.11 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG037229.D

Acq: 9 Oct 2018 22:44

Instrument :

BNA\_G

ClientSampleId :

POND-2

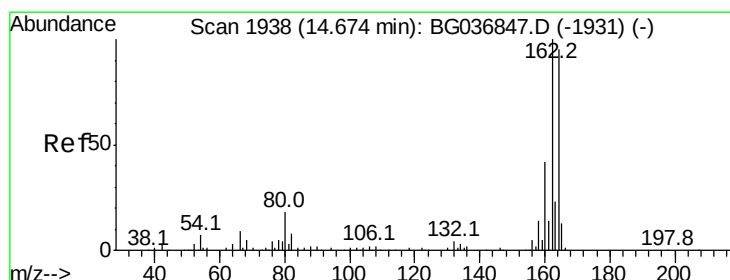
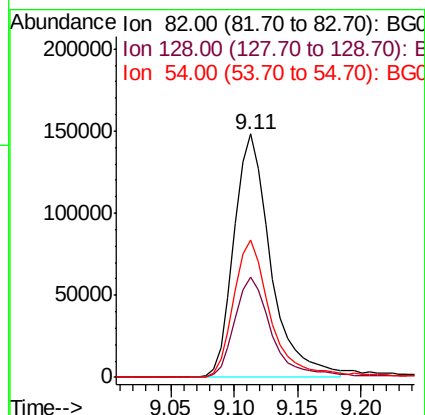
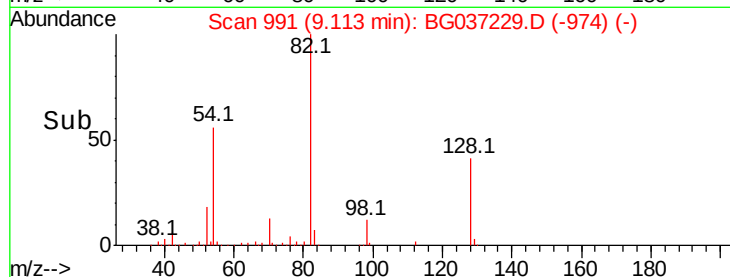
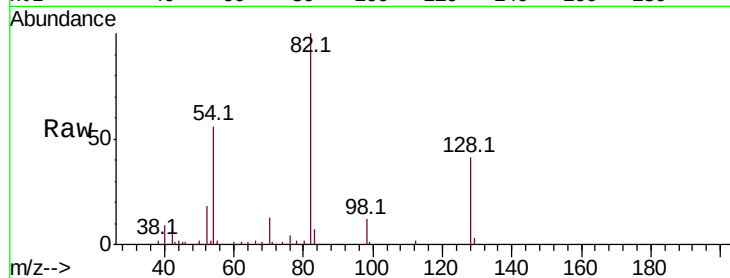
Tot Ion: 82 Resp: 298597

Ion Ratio Lower Upper

82 100

128 41.1 33.3 49.9

54 56.4 45.1 67.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG037229.D

Acq: 9 Oct 2018 22:44

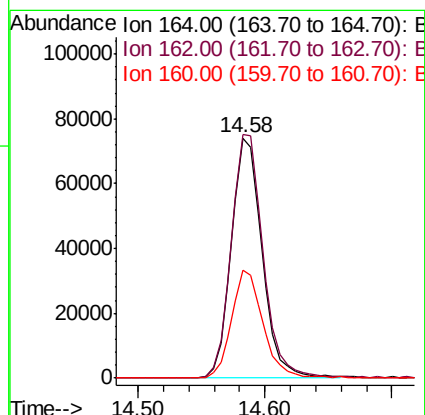
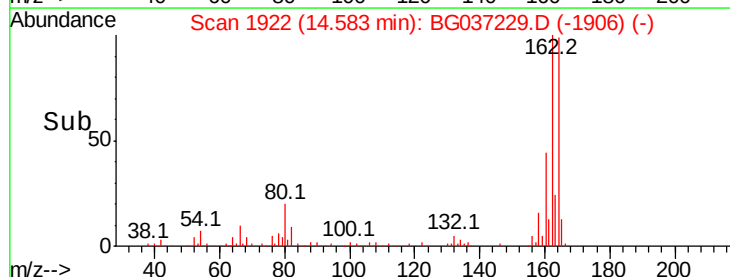
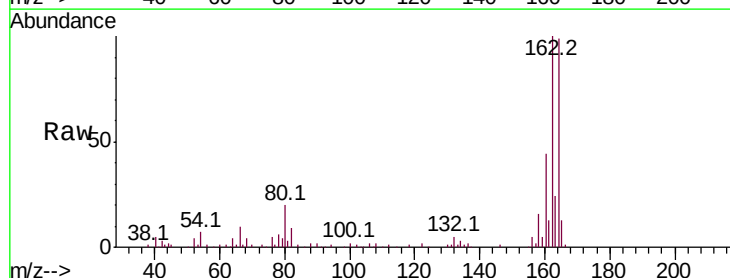
Tgt Ion: 164 Resp: 124044

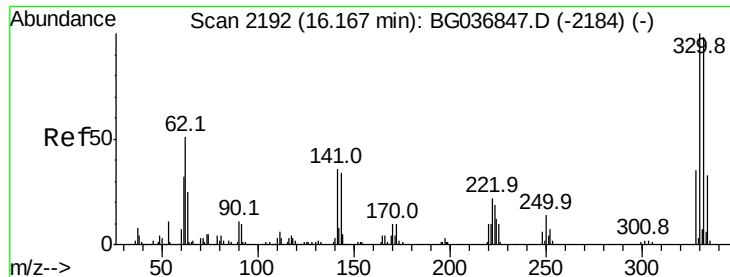
Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

160 44.9 35.3 52.9

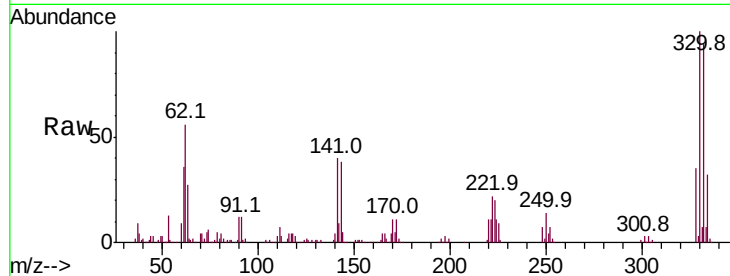




#41  
 2,4,6-Tribromophenol  
 Concen: 128.882 ng  
 RT: 16.08 min Scan# 2176  
 Delta R.T. -0.00 min  
 Lab File: BG037229.D  
 Acq: 9 Oct 2018 22:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 POND-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 93.8  | 75.4  | 113.2 |
| 141     | 38.8  | 30.7  | 46.1  |

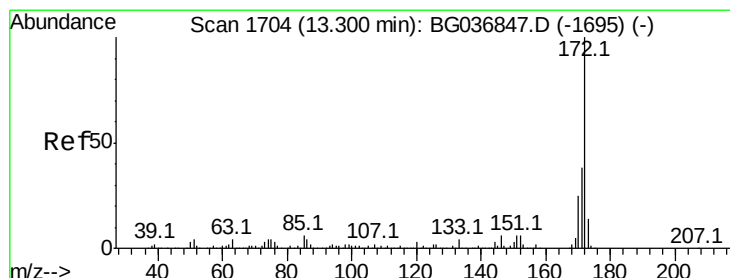
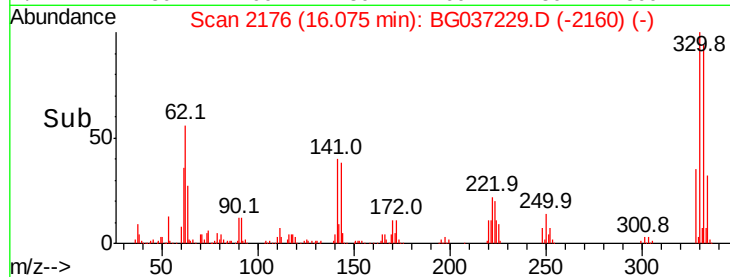
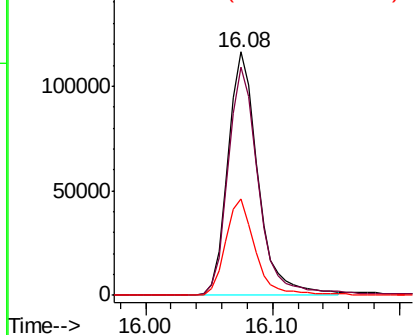


Abundance

Ion 329.80 (329.50 to 330.50): E

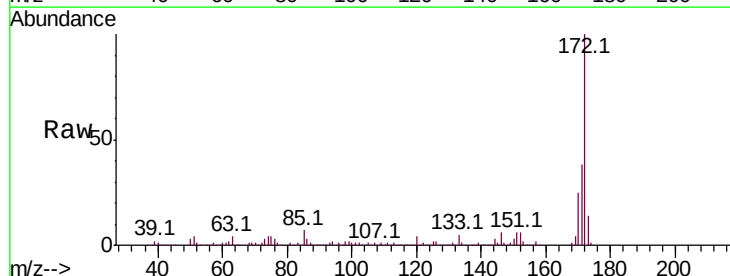
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 78.978 ng  
 RT: 13.21 min Scan# 1688  
 Delta R.T. 0.00 min  
 Lab File: BG037229.D  
 Acq: 9 Oct 2018 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.8  | 31.3  | 46.9  |
| 170     | 24.5  | 21.0  | 31.6  |

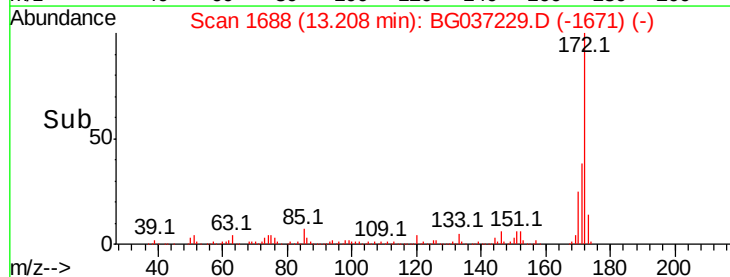
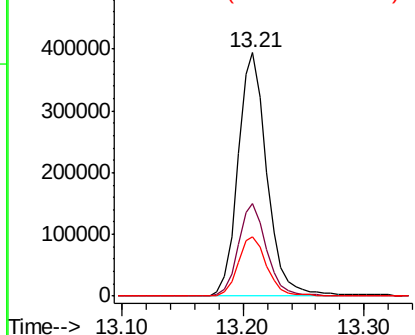


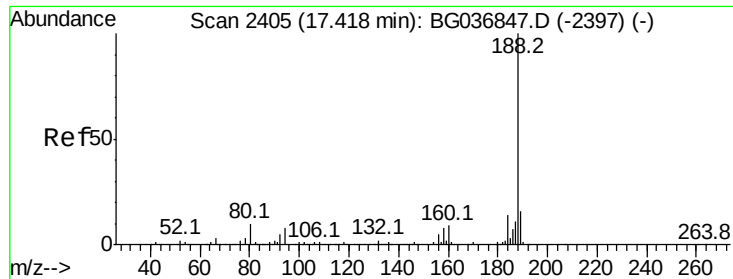
Abundance

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

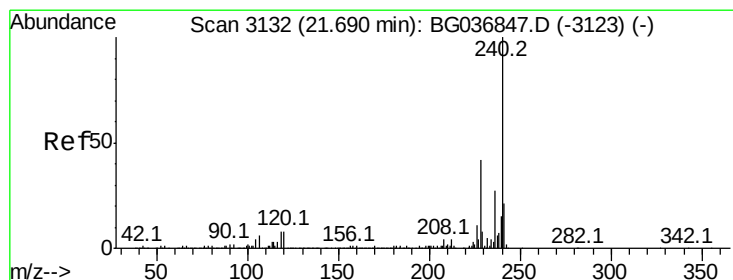
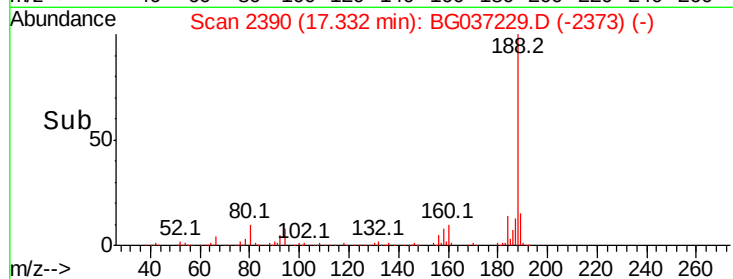
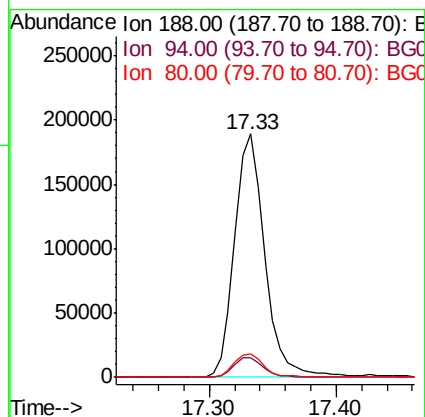
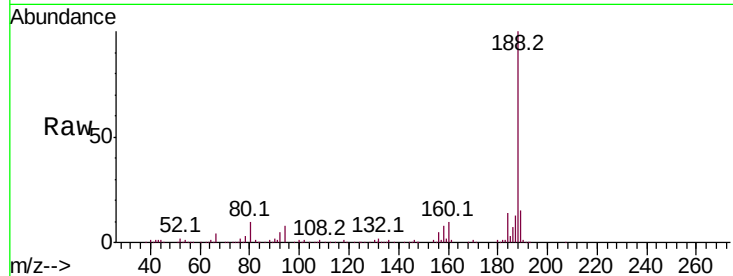




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.33 min Scan# 2390  
Delta R.T. 0.00 min  
Lab File: BG037229.D  
Acq: 9 Oct 2018 22:44

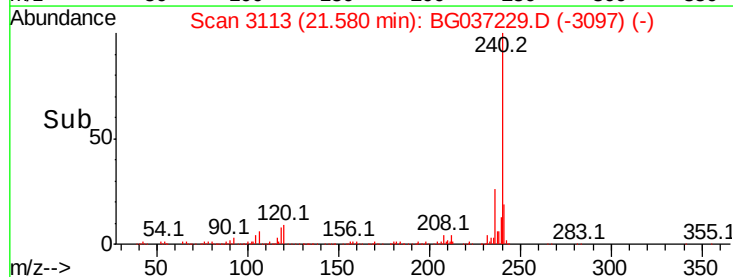
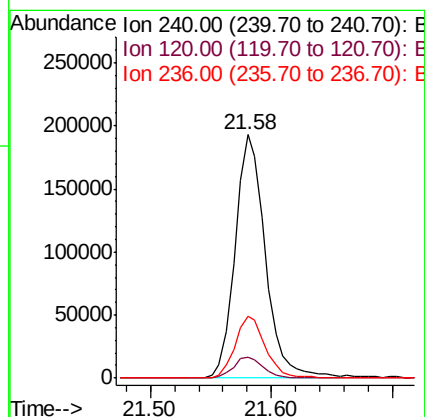
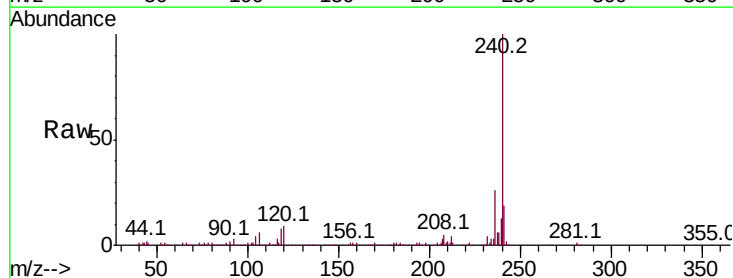
Instrument :  
BNA\_G  
ClientSampleId :  
POND-2

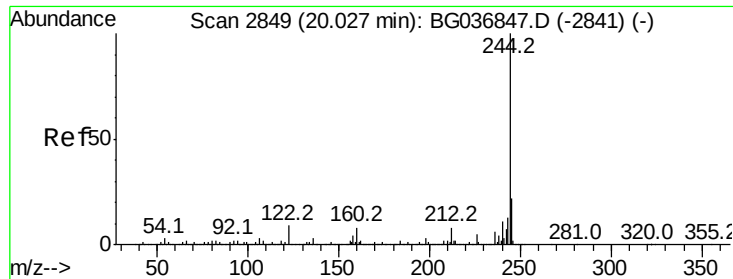
Tot Ion:188 Resp: 311831  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.7 10.1  
80 9.9 8.1 12.1



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.58 min Scan# 3113  
Delta R.T. -0.00 min  
Lab File: BG037229.D  
Acq: 9 Oct 2018 22:44

Tgt Ion:240 Resp: 336395  
Ion Ratio Lower Upper  
240 100  
120 8.6 6.9 10.3  
236 25.6 21.2 31.8



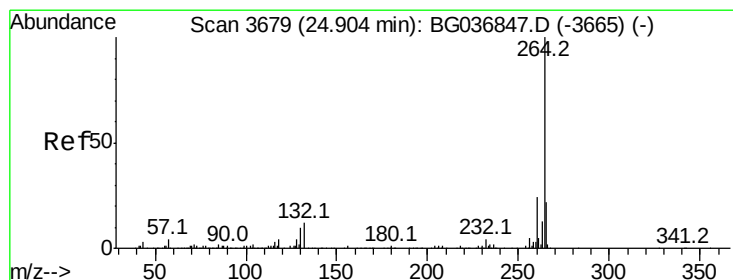
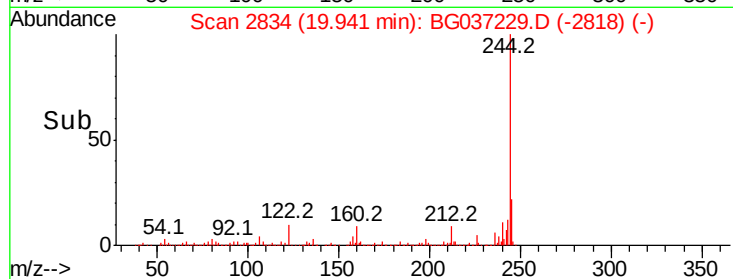
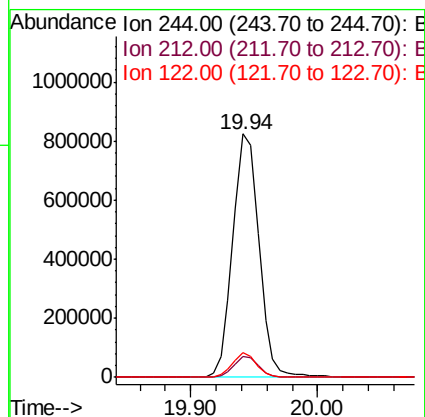
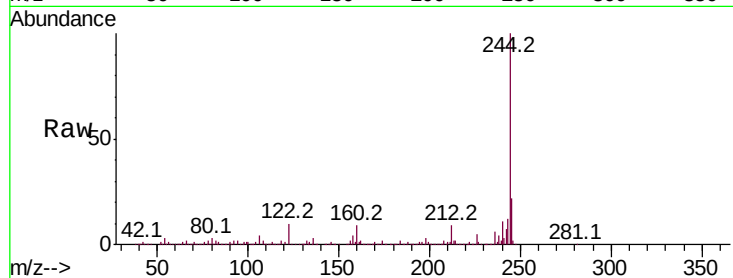


#78  
 Terphenyl-d14  
 Concen: 92.327 ng  
 RT: 19.94 min Scan# 2834  
 Delta R.T. -0.00 min  
 Lab File: BG037229.D  
 Acq: 9 Oct 2018 22:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 POND-2

Tot Ion:244 Resp: 1181157  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.7   | 7.0   | 10.6  |
| 122 | 10.0  | 7.1   | 10.7  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.71 min Scan# 3646  
 Delta R.T. -0.00 min  
 Lab File: BG037229.D  
 Acq: 9 Oct 2018 22:44

Tgt Ion:264 Resp: 332417  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.8  | 19.6  | 29.4  |
| 265 | 21.5  | 17.4  | 26.0  |

