

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\  
 Data File : BG037600.D  
 Acq On : 27 Oct 2018 3:38  
 Operator : JU/SJ  
 Sample : J5688-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DPC-91567-OD-01

Quant Time: Oct 27 06:59:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.10  | 152  | 53150    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.92 | 136  | 229164   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.73 | 164  | 152432   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.48 | 188  | 372186   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.76 | 240  | 345482   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 25.11 | 264  | 316772   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.65  | 112  | 364215   | 114.57 | ng    | 0.00     |
| 7) Phenol-d6                | 7.24  | 99   | 480599   | 99.97  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.28  | 82   | 333867   | 81.61  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330  | 169354   | 101.86 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.36 | 172  | 790966   | 78.25  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.08 | 244  | 1280618  | 79.20  | ng    | 0.00     |

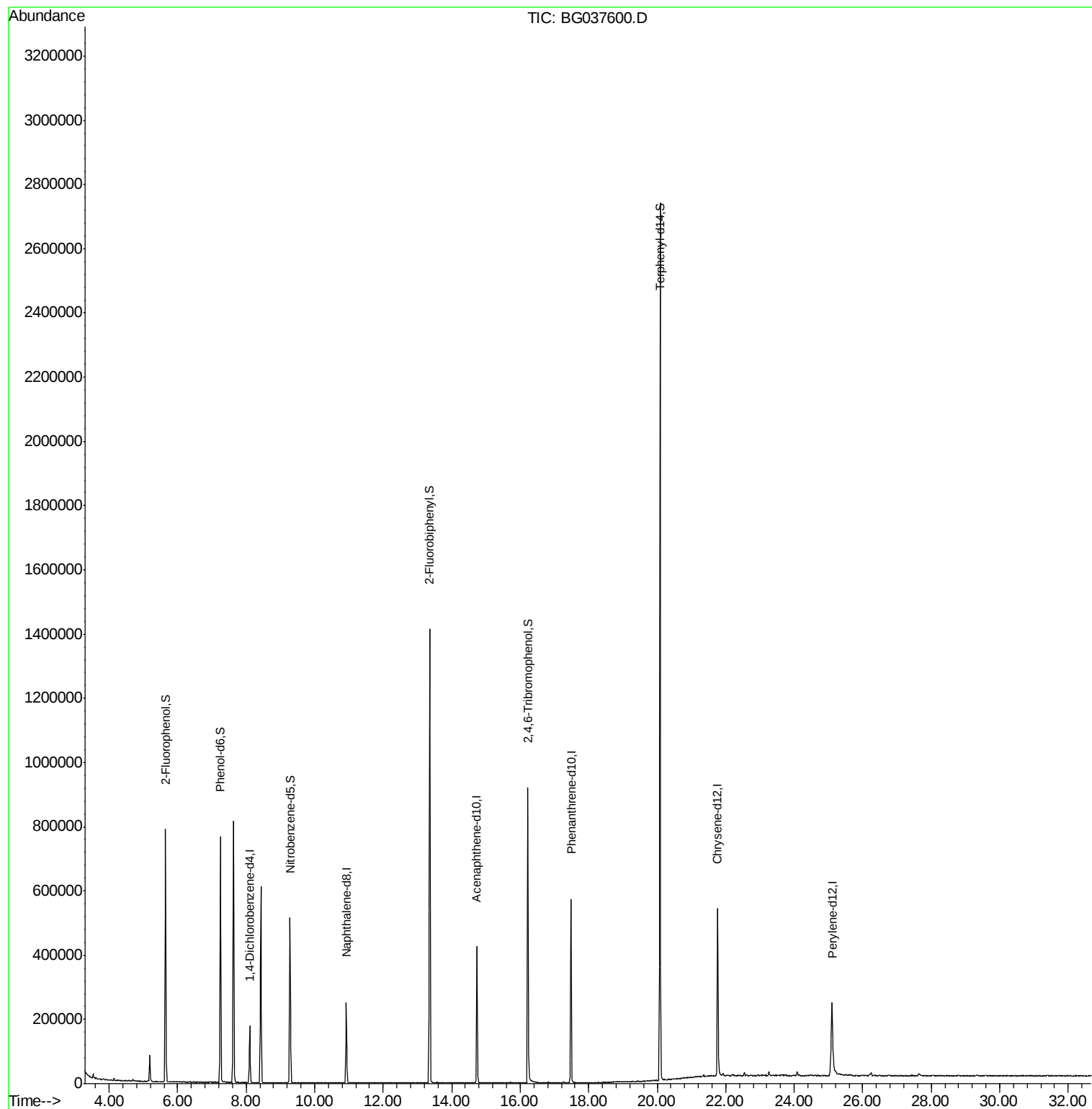
Target Compounds Qvalue

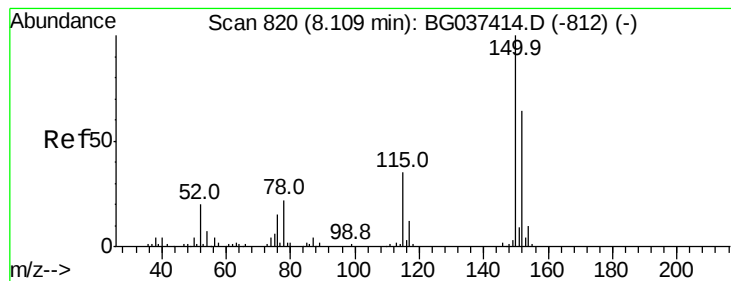
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\  
Data File : BG037600.D  
Acq On : 27 Oct 2018 3:38  
Operator : JU/SJ  
Sample : J5688-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DPC-91567-OD-01

Quant Time: Oct 27 06:59:14 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 18 14:06:42 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA\_G

ClientSampleId :

DPC-91567-OD-01

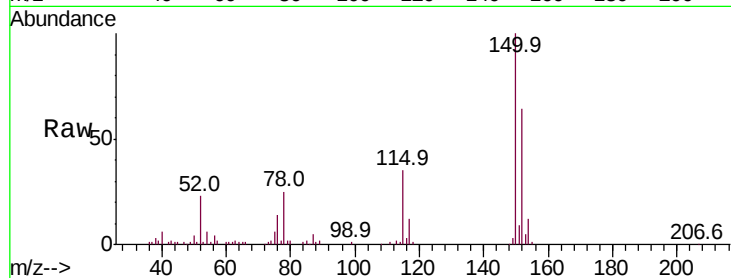
Tot Ion:152 Resp: 53150

Ion Ratio Lower Upper

152 100

150 156.2 126.0 189.0

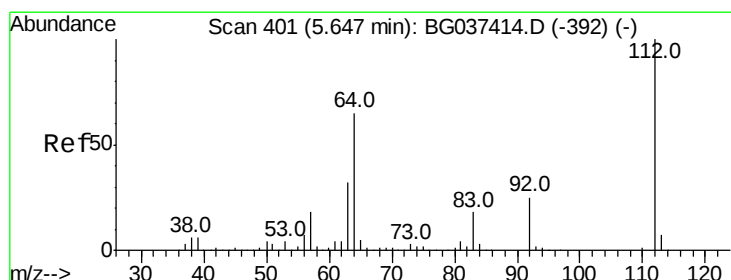
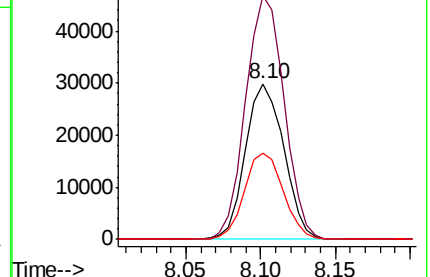
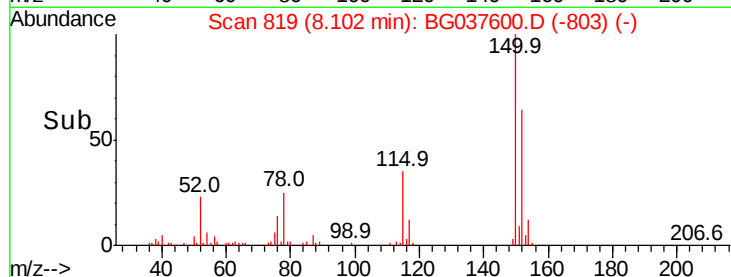
115 55.0 45.5 68.3



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: 114.565 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

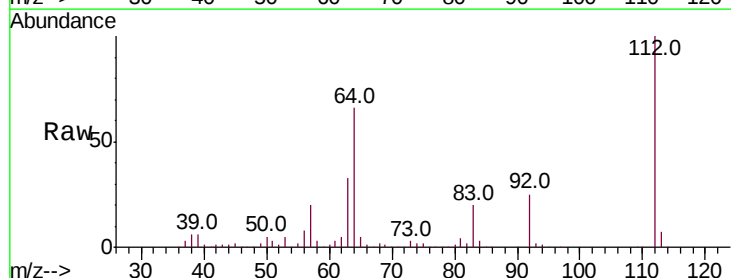
Tgt Ion:112 Resp: 364215

Ion Ratio Lower Upper

112 100

64 66.2 53.1 79.7

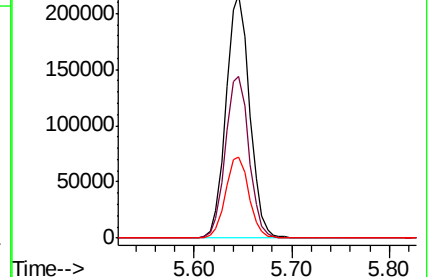
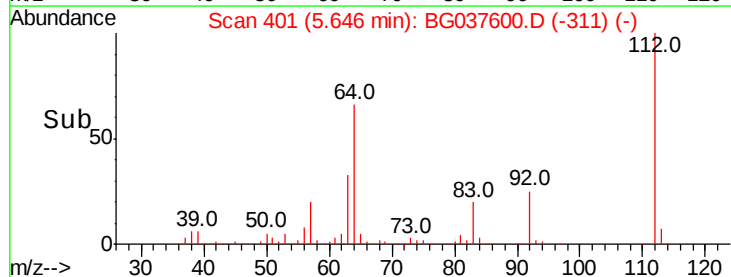
63 33.3 27.3 40.9

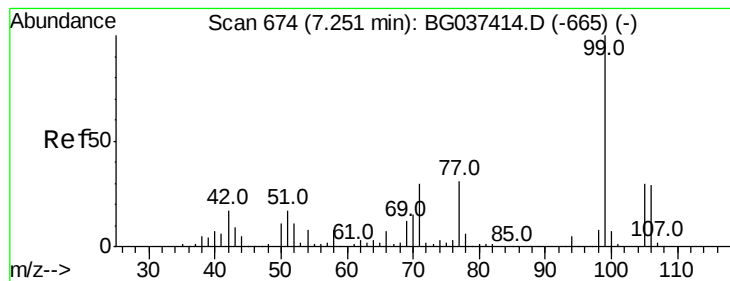


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 99.975 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA\_G

ClientSampleId :

DPC-91567-OD-01

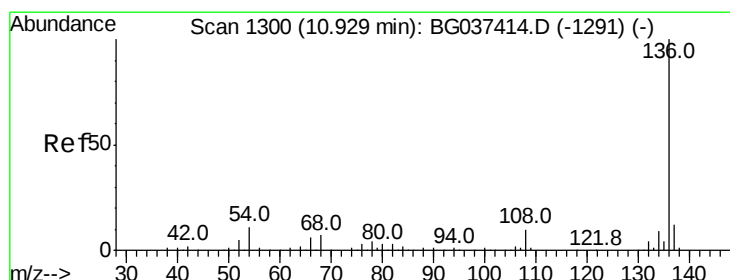
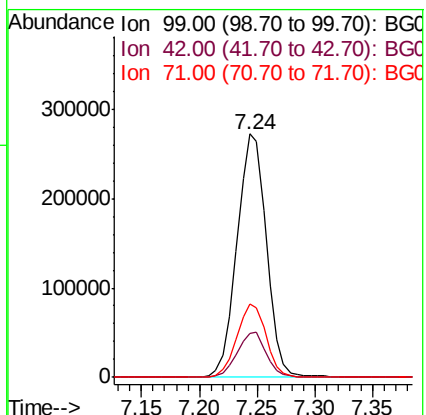
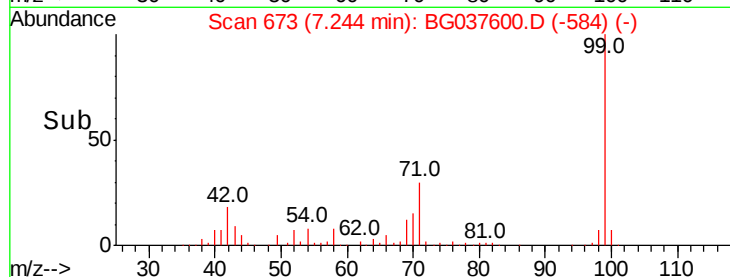
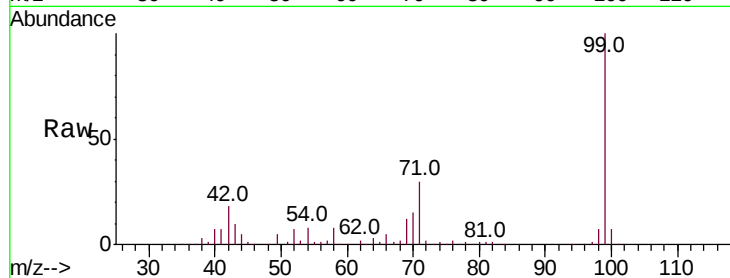
Tot Ion: 99 Resp: 480599

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

71 30.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Tgt Ion: 136 Resp: 229164

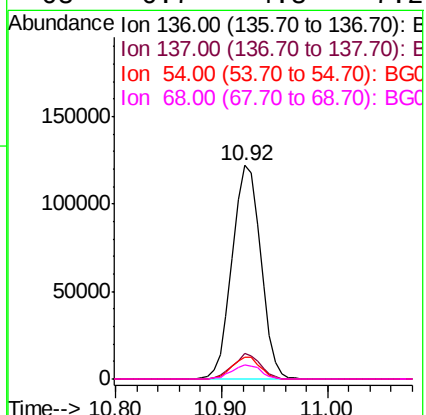
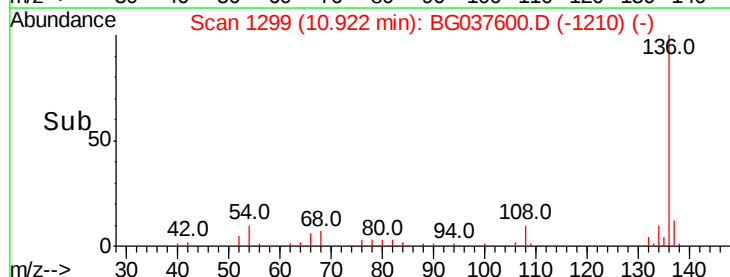
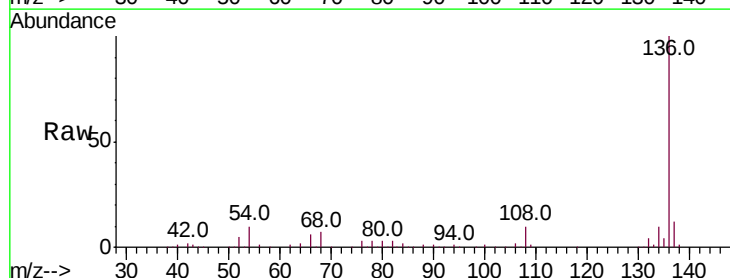
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 10.3 7.9 11.9

68 6.7 4.8 7.2

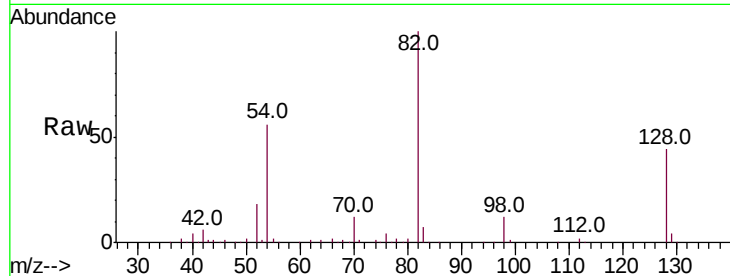




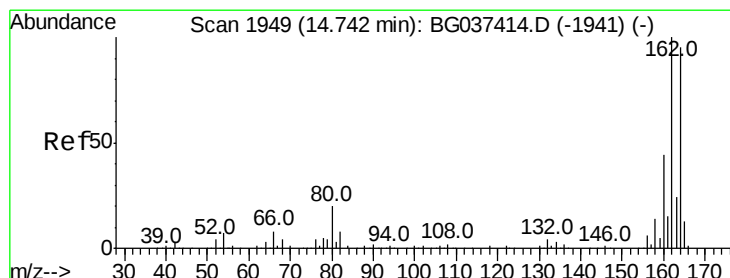
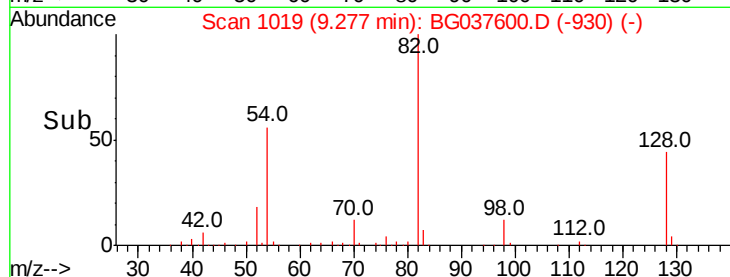
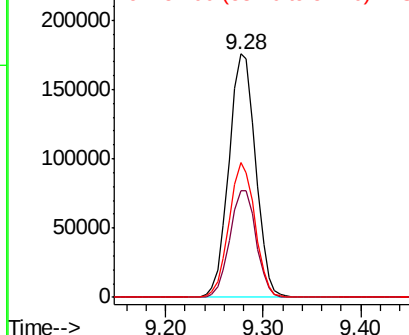
#23  
Nitrobenzene-d5  
Concen: 81.614 ng  
RT: 9.28 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BG037600.D  
Acq: 27 Oct 2018 3:38

Instrument :  
BNA\_G  
ClientSampleId :  
DPC-91567-OD-01

| Tot Ion | 82    | Resp  | 333867 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 43.6  | 34.6  | 51.8   |
| 54      | 55.6  | 45.3  | 67.9   |

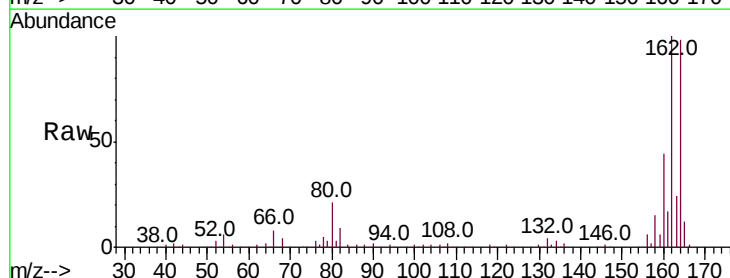


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

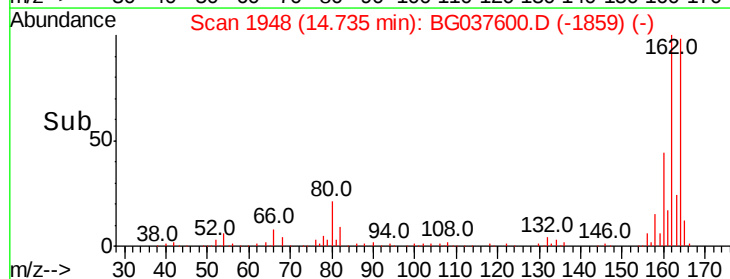
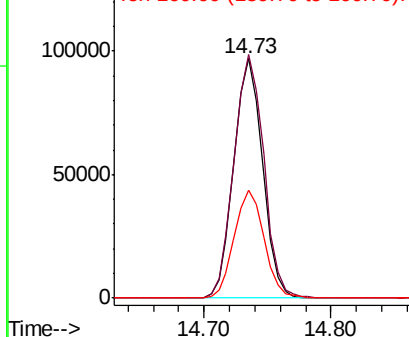


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.73 min Scan# 1948  
Delta R.T. -0.01 min  
Lab File: BG037600.D  
Acq: 27 Oct 2018 3:38

| Tgt Ion | 164   | Resp  | 152432 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 101.6 | 81.3  | 121.9  |
| 160     | 45.0  | 36.3  | 54.5   |



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

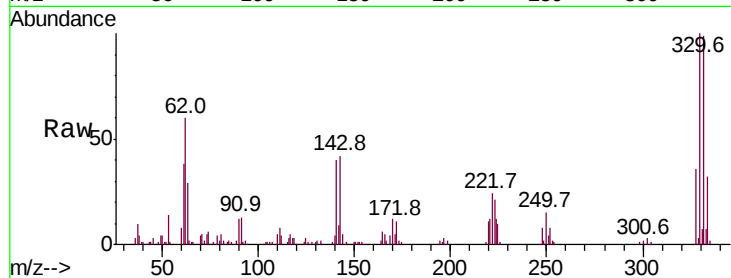




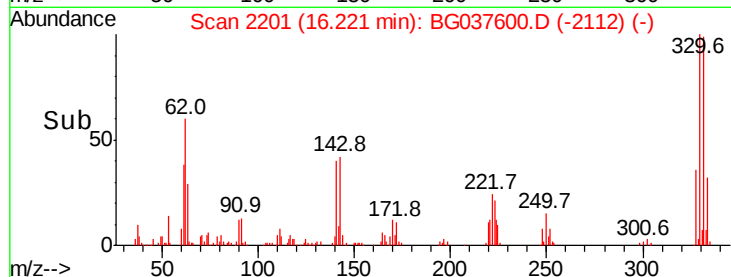
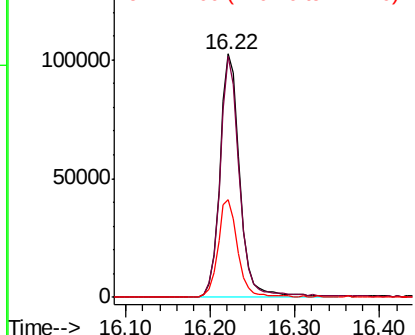
#42  
 2,4,6-Tribromophenol  
 Concen: 101.863 ng  
 RT: 16.22 min Scan# 2201  
 Delta R.T. -0.01 min  
 Lab File: BG037600.D  
 Acq: 27 Oct 2018 3:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DPC-91567-OD-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.9  | 78.4  | 117.6 |
| 141     | 39.8  | 32.2  | 48.2  |

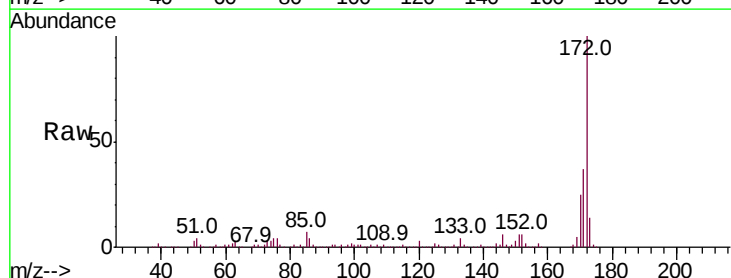


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

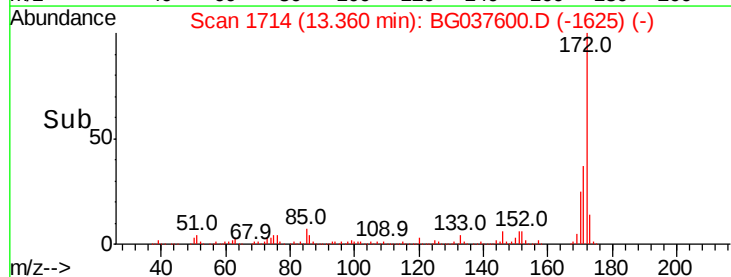
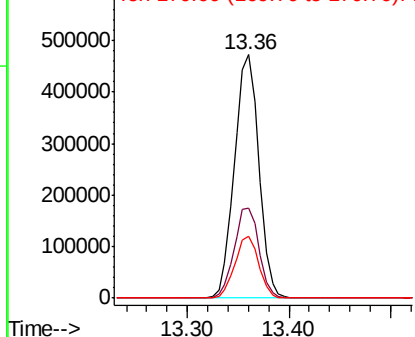


#45  
 2-Fluorobiphenyl  
 Concen: 78.247 ng  
 RT: 13.36 min Scan# 1714  
 Delta R.T. -0.01 min  
 Lab File: BG037600.D  
 Acq: 27 Oct 2018 3:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 31.0  | 46.4  |
| 170     | 25.3  | 20.2  | 30.2  |



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

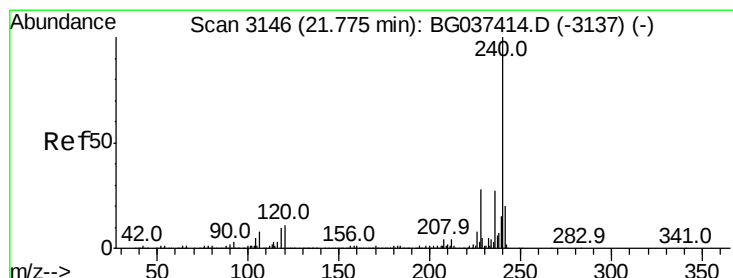
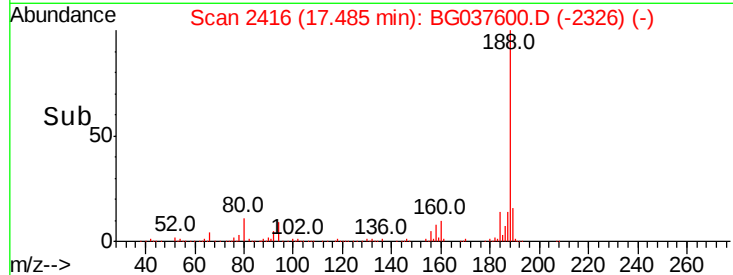
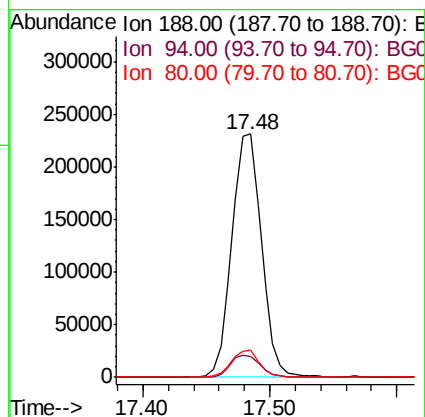
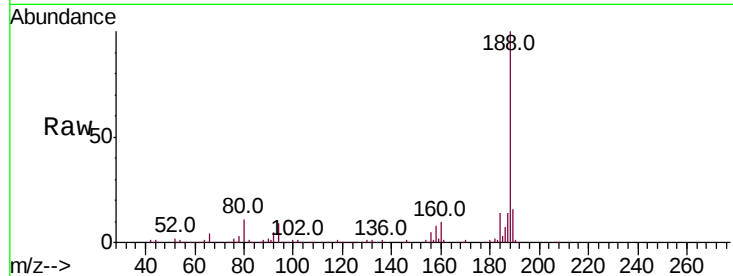




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2416  
Delta R.T. -0.00 min  
Lab File: BG037600.D  
Acq: 27 Oct 2018 3:38

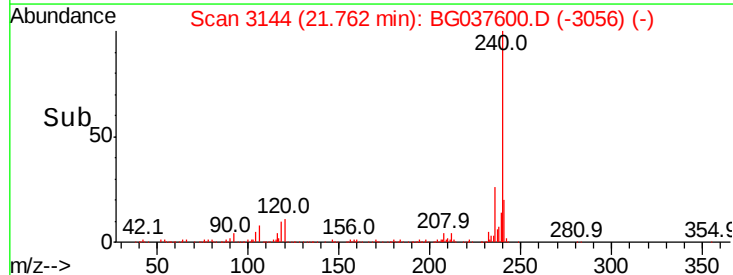
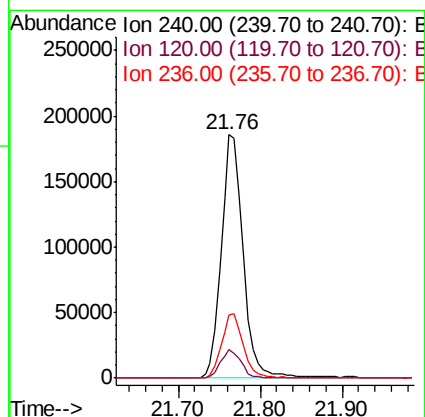
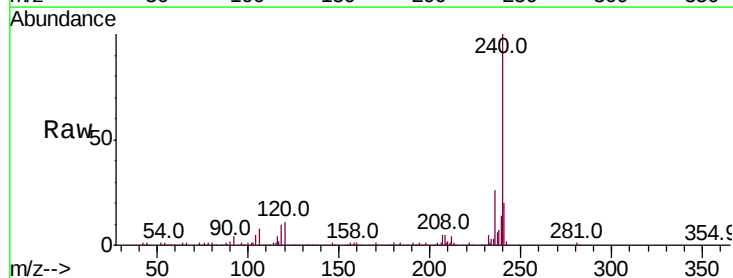
Instrument :  
BNA\_G  
ClientSampleId :  
DPC-91567-OD-01

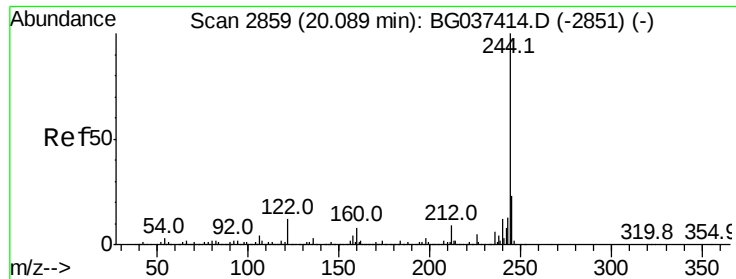
Tot Ion:188 Resp: 372186  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.2 10.8  
80 11.0 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.76 min Scan# 3144  
Delta R.T. -0.01 min  
Lab File: BG037600.D  
Acq: 27 Oct 2018 3:38

Tgt Ion:240 Resp: 345482  
Ion Ratio Lower Upper  
240 100  
120 11.5 8.1 12.1  
236 26.2 21.4 32.0





#79

Terphenyl-d14

Concen: 79.205 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA\_G

ClientSampleId :

DPC-91567-OD-01

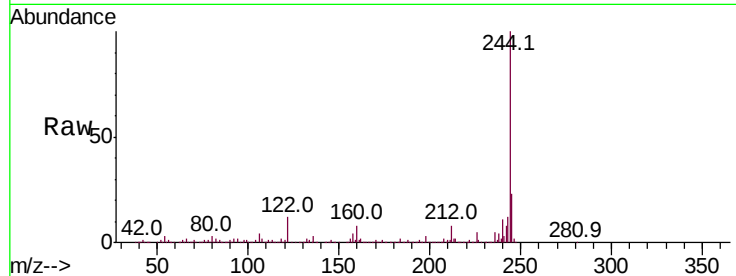
Tot Ion:244 Resp: 1280618

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

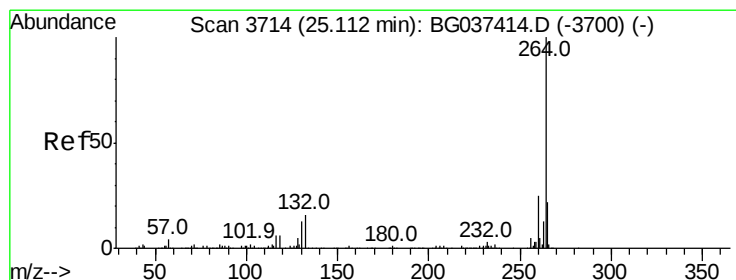
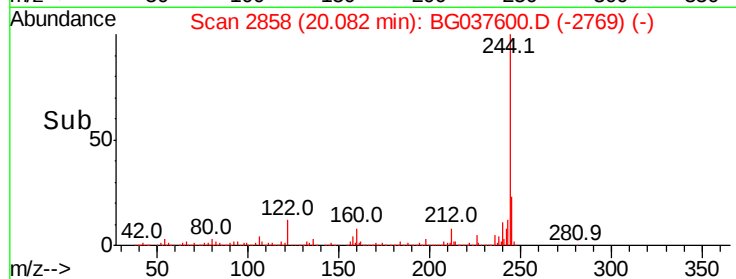
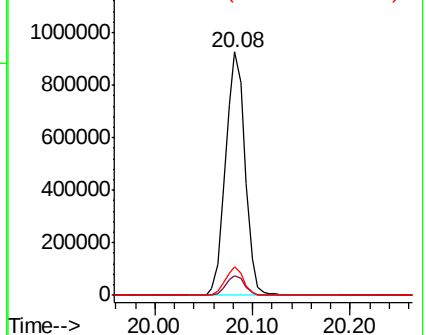
122 11.6 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

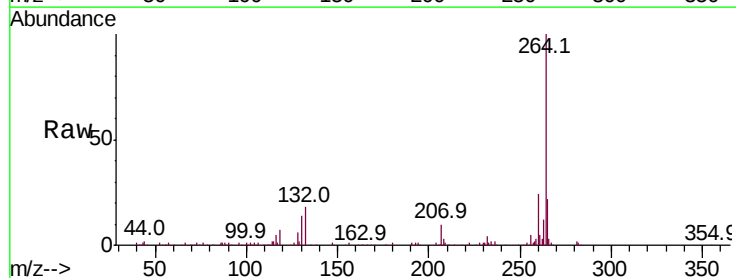
Tgt Ion:264 Resp: 316772

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.9 17.9 26.9



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

