

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\  
 Data File : BG037022.D  
 Acq On : 27 Sep 2018 19:53  
 Operator : JU/SJ  
 Sample : J5097-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1

Quant Time: Sep 28 04:32:19 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

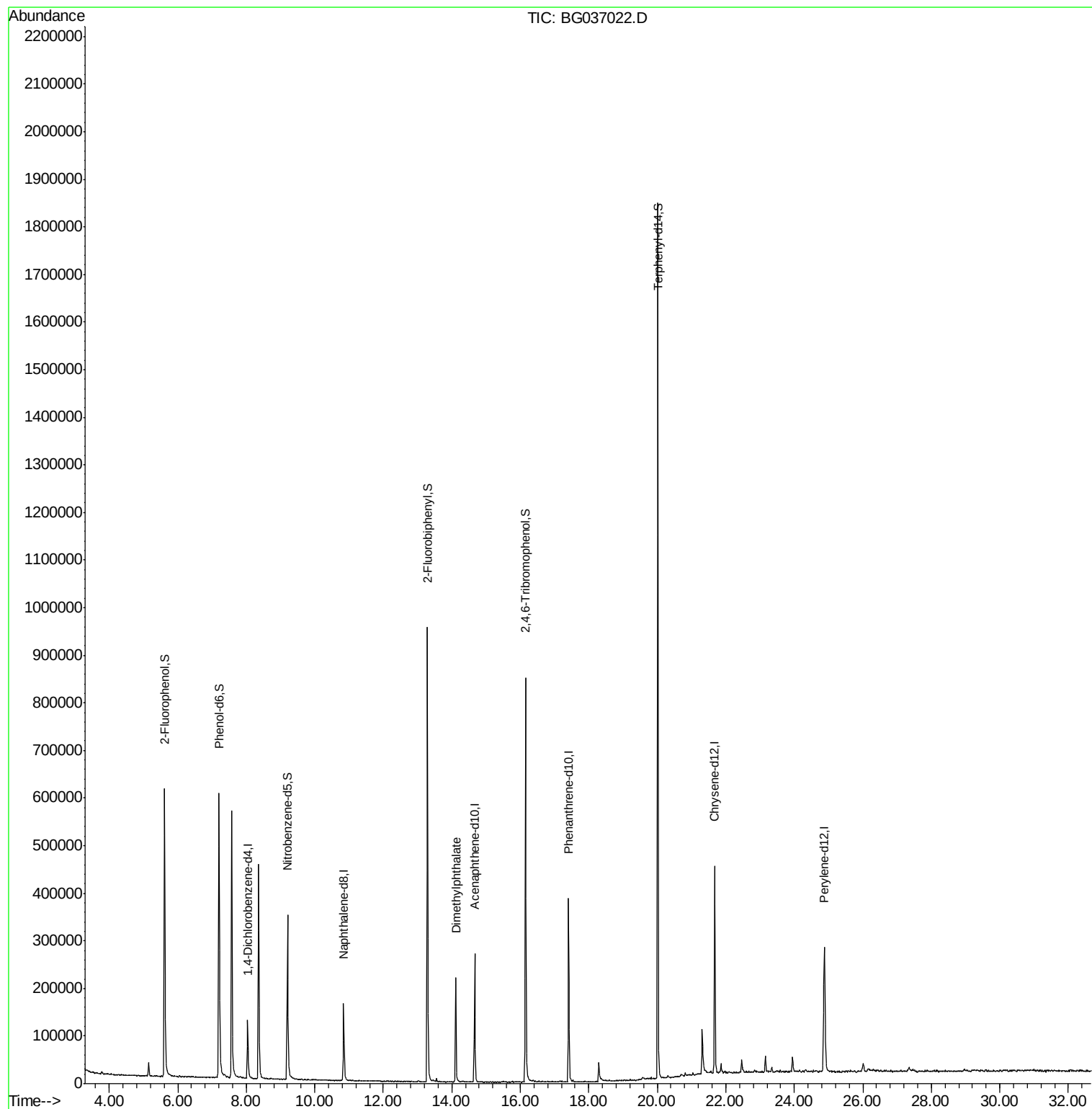
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.04  | 152  | 38203    | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.84 | 136  | 161036   | 20.00  | ng    | -0.01         |
| 38) Acenaphthene-d10        | 14.67 | 164  | 101321   | 20.00  | ng    | 0.00          |
| 63) Phenanthrene-d10        | 17.41 | 188  | 268138   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 21.68 | 240  | 287072   | 20.00  | ng    | -0.01         |
| 86) Perylene-d12            | 24.88 | 264  | 286444   | 20.00  | ng    | -0.02         |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.61  | 112  | 282826   | 141.98 | ng    | 0.00          |
| 7) Phenol-d6                | 7.20  | 99   | 381239   | 123.70 | ng    | -0.01         |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 257778   | 85.72  | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 16.15 | 330  | 160862   | 132.70 | ng    | -0.01         |
| 44) 2-Fluorobiphenyl        | 13.29 | 172  | 531925   | 78.19  | ng    | -0.01         |
| 78) Terphenyl-d14           | 20.02 | 244  | 926385   | 84.85  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 14.12 | 163  | 159713   | 19.583 | ng    | Qvalue<br>100 |

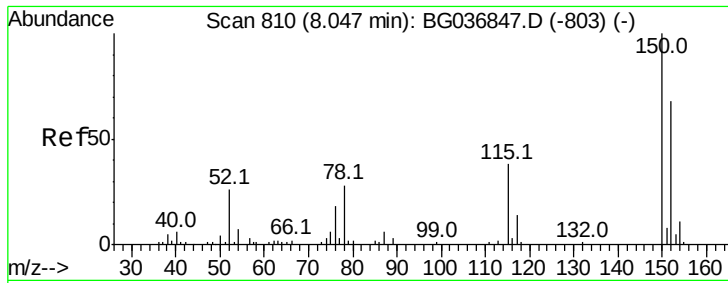
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
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TP-1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
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Response via : Initial Calibration



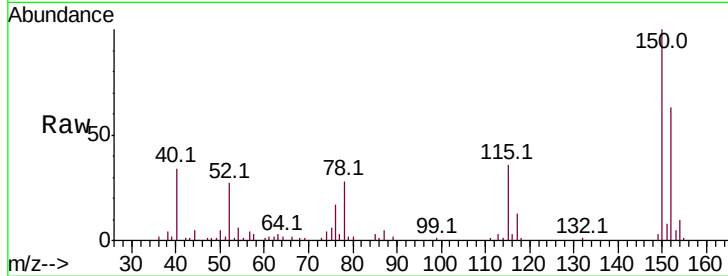


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.04 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BG037022.D  
 Acq: 27 Sep 2018 19:53

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.1 | 119.5 | 179.3 |
| 115     | 56.9  | 44.5  | 66.7  |

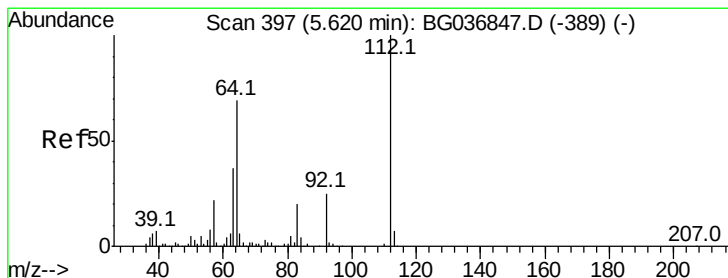
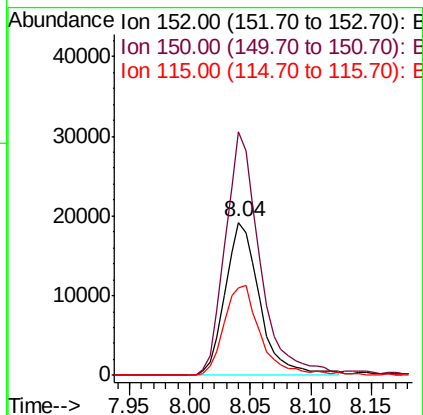
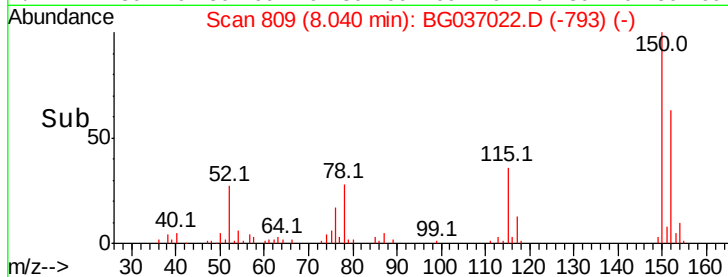


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

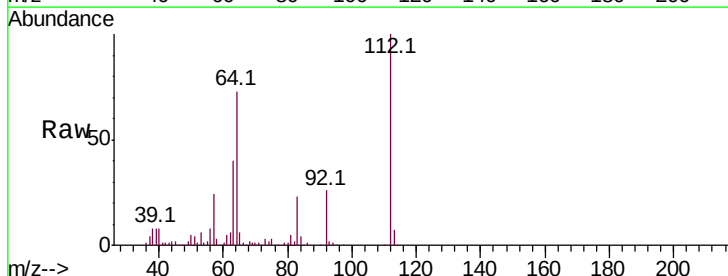
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 141.978 ng  
 RT: 5.61 min Scan# 396  
 Delta R.T. -0.01 min  
 Lab File: BG037022.D  
 Acq: 27 Sep 2018 19:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 73.4  | 57.2  | 85.8  |
| 63      | 40.0  | 30.8  | 46.2  |

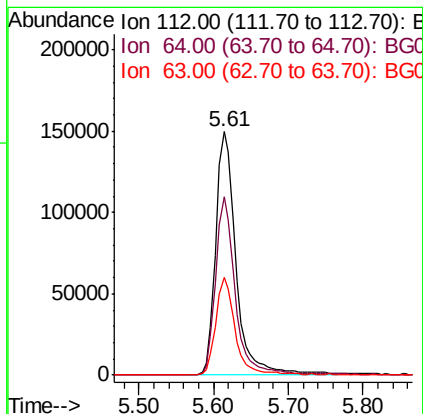
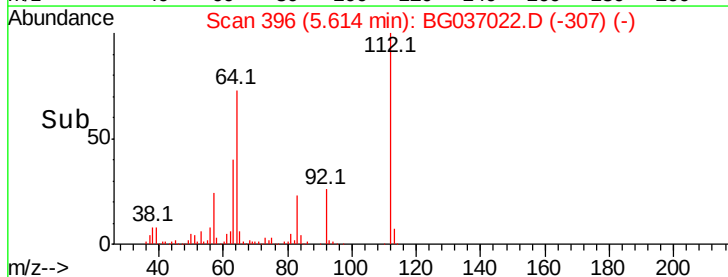


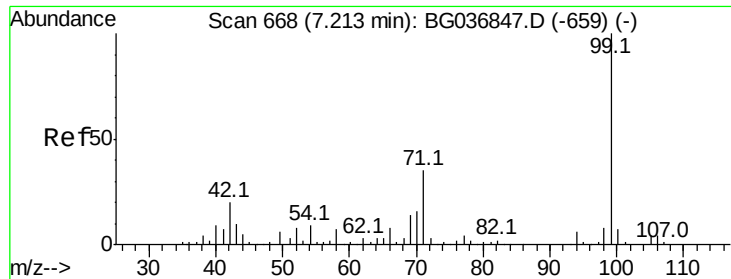
Abundance

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: 123.698 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

Instrument :

BNA\_G

ClientSampled :

TP-1

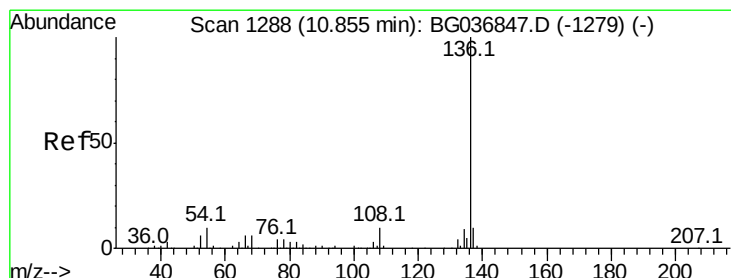
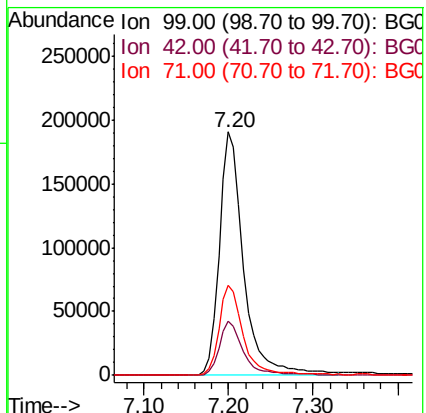
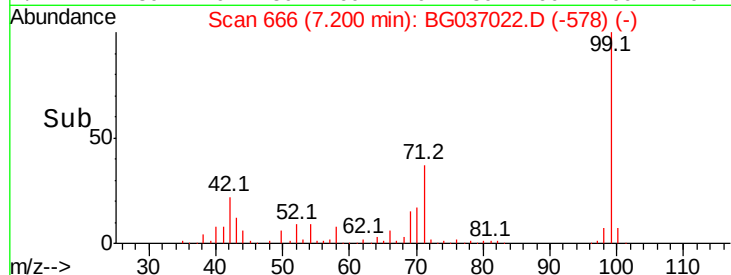
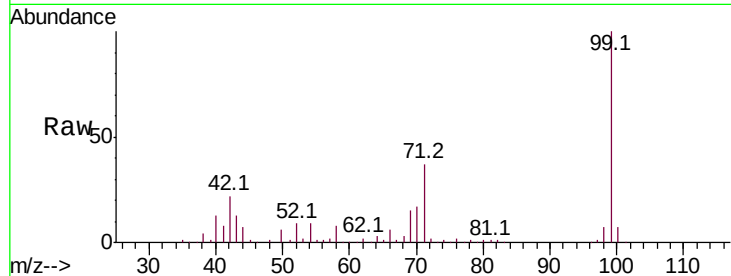
Tot Ion: 99 Resp: 381239

Ion Ratio Lower Upper

99 100

42 22.3 16.5 24.7

71 37.1 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

Tgt Ion: 136 Resp: 161036

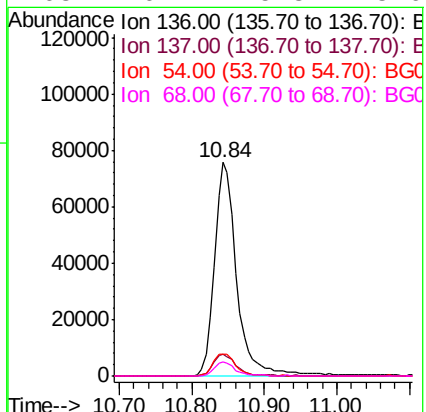
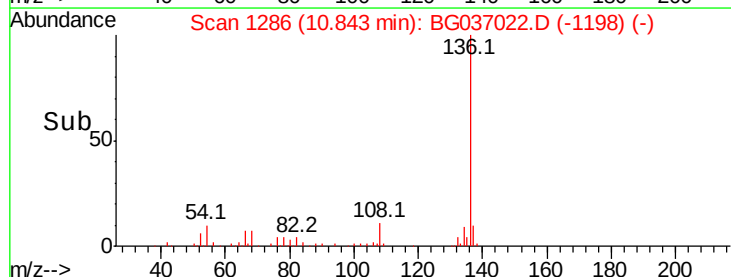
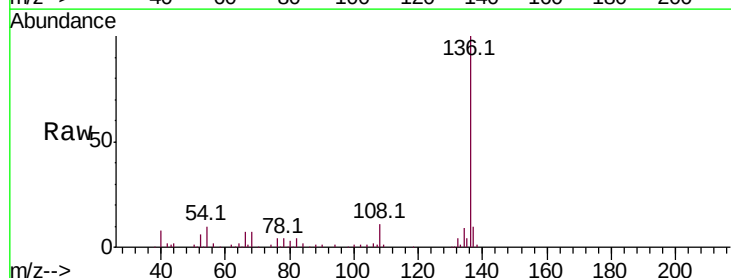
Ion Ratio Lower Upper

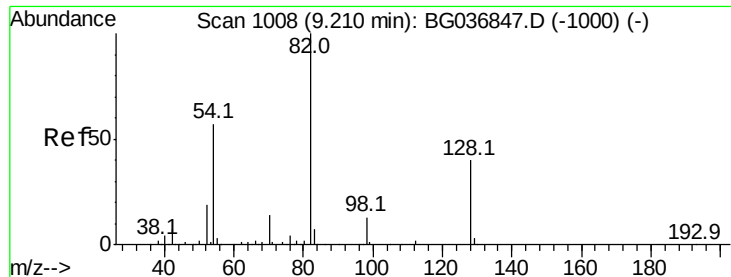
136 100

137 10.3 8.8 13.2

54 10.3 9.2 13.8

68 6.7 5.8 8.6

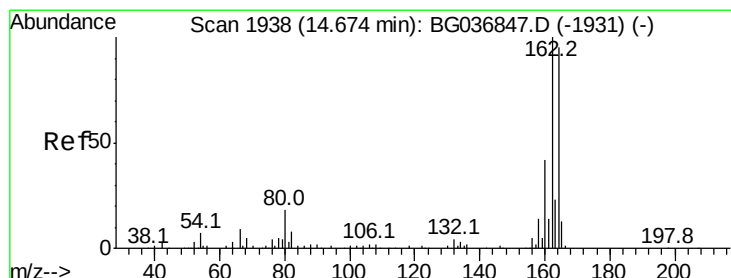
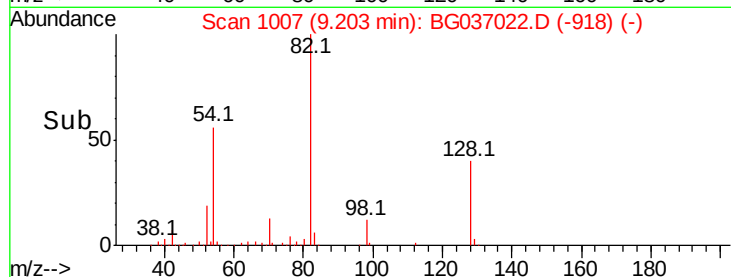
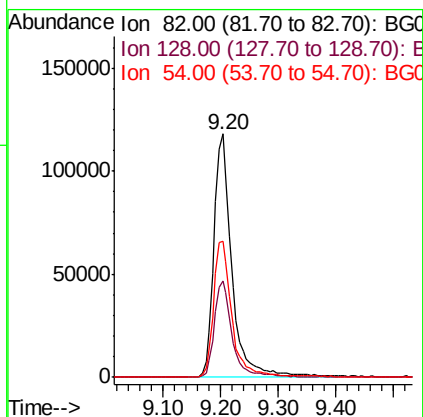
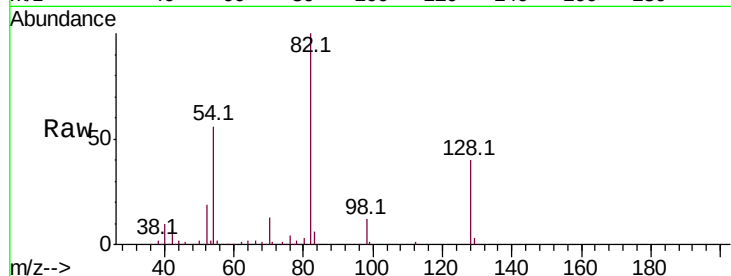




#23  
Nitrobenzene-d5  
Concen: 85.722 ng  
RT: 9.20 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BG037022.D  
Acq: 27 Sep 2018 19:53

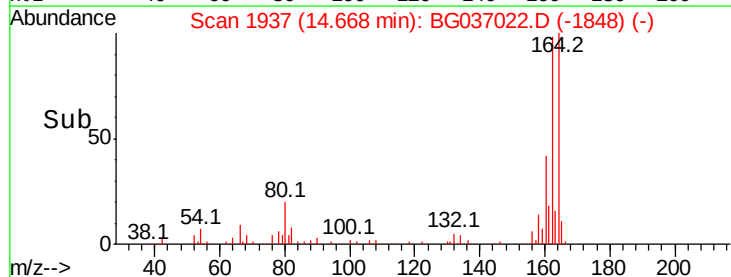
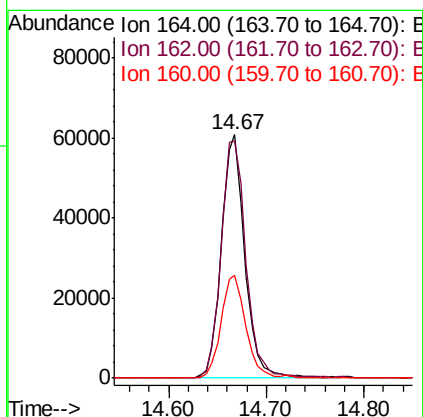
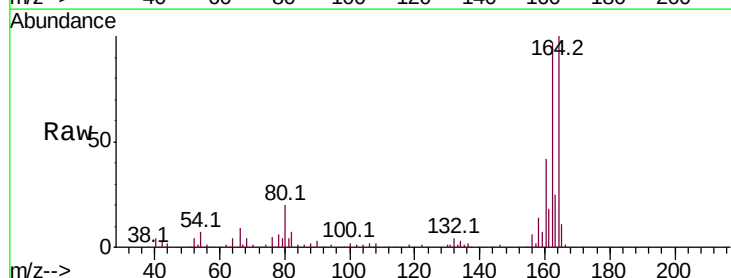
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

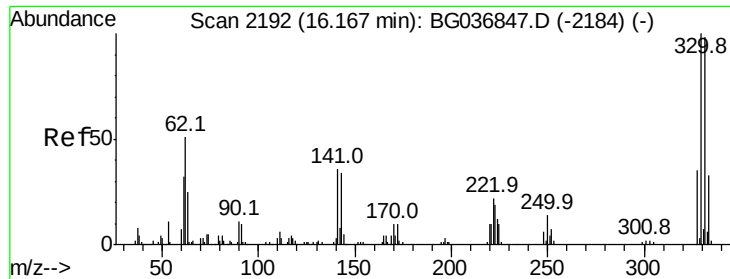
Tot Ion: 82 Resp: 257778  
Ion Ratio Lower Upper  
82 100  
128 39.8 33.3 49.9  
54 55.9 45.1 67.7



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1937  
Delta R.T. -0.01 min  
Lab File: BG037022.D  
Acq: 27 Sep 2018 19:53

Tgt Ion: 164 Resp: 101321  
Ion Ratio Lower Upper  
164 100  
162 97.2 80.7 121.1  
160 42.0 35.3 52.9

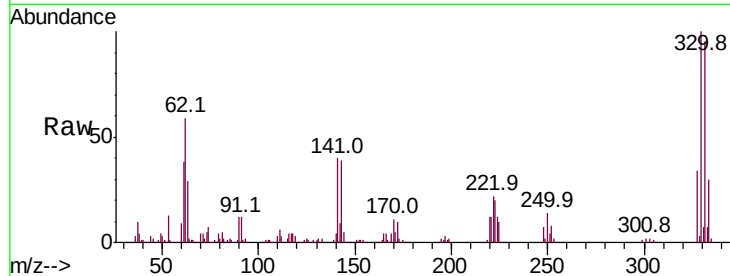




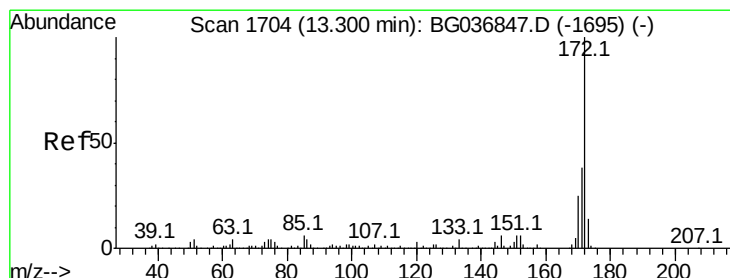
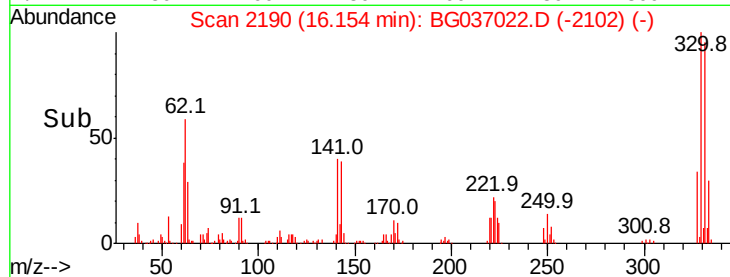
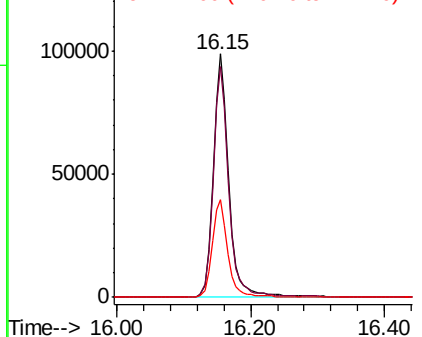
#41  
 2,4,6-Tribromophenol  
 Concen: 132.698 ng  
 RT: 16.15 min Scan# 2190  
 Delta R.T. -0.01 min  
 Lab File: BG037022.D  
 Acq: 27 Sep 2018 19:53

Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.5  | 75.4  | 113.2 |
| 141     | 40.2  | 30.7  | 46.1  |

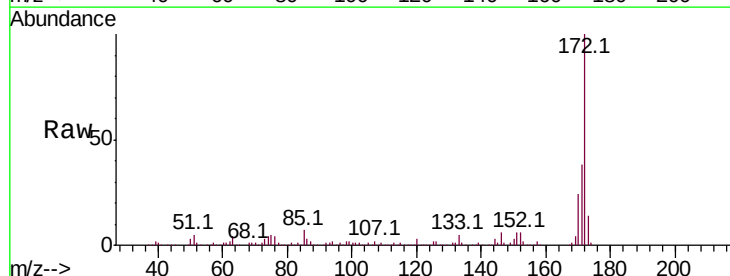


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

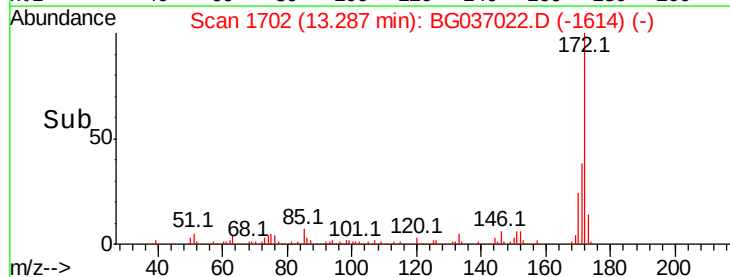
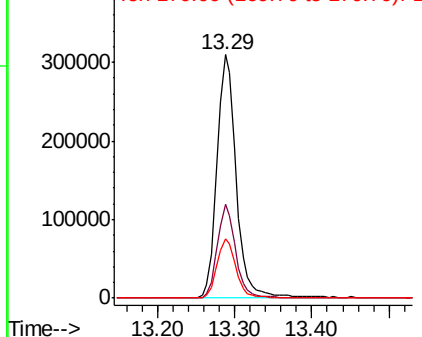


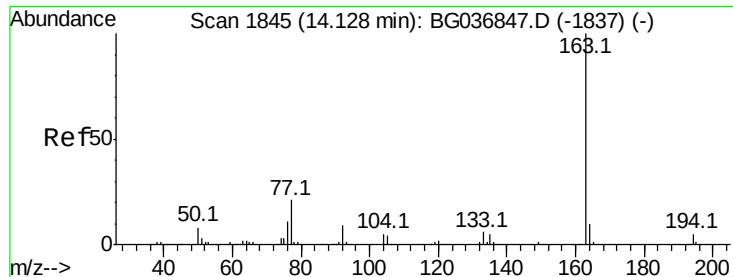
#44  
 2-Fluorobiphenyl  
 Concen: 78.191 ng  
 RT: 13.29 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG037022.D  
 Acq: 27 Sep 2018 19:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.4  | 31.3  | 46.9  |
| 170     | 24.3  | 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





#49

Dimethylphthalate

Concen: 19.583 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

Instrument :

BNA\_G

ClientSampleId :

TP-1

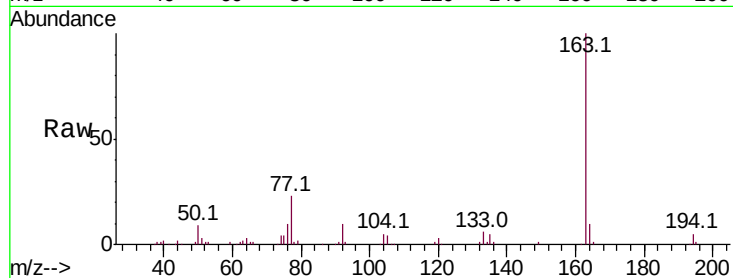
Tot Ion:163 Resp: 159713

Ion Ratio Lower Upper

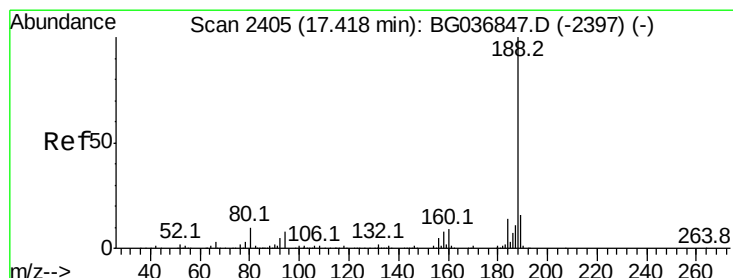
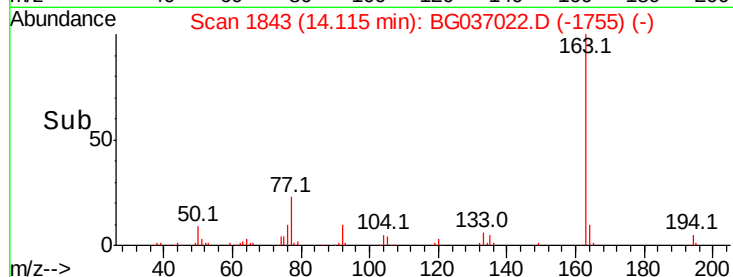
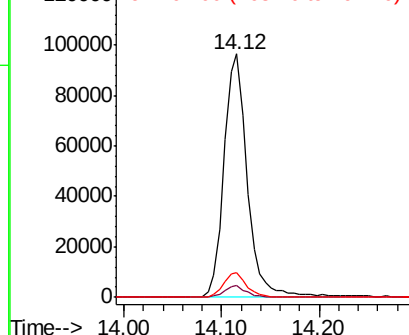
163 100

194 4.7 4.0 6.0

164 10.1 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

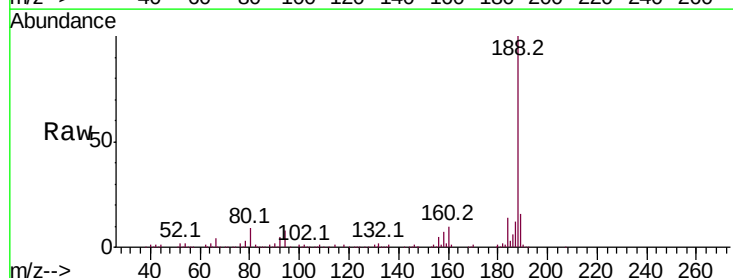
Tgt Ion:188 Resp: 268138

Ion Ratio Lower Upper

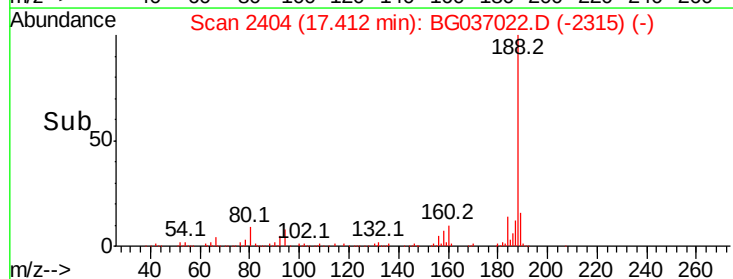
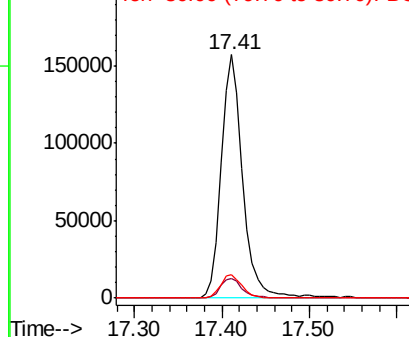
188 100

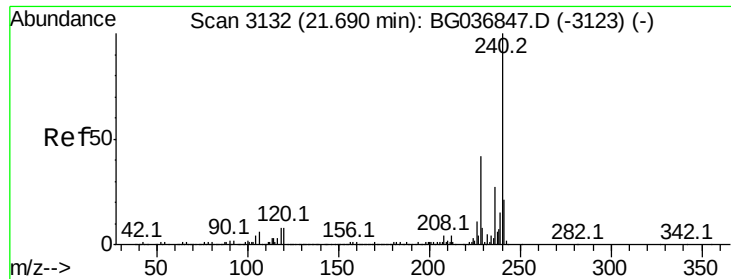
94 8.2 6.7 10.1

80 9.5 8.1 12.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

Instrument :

BNA\_G

ClientSampleId :

TP-1

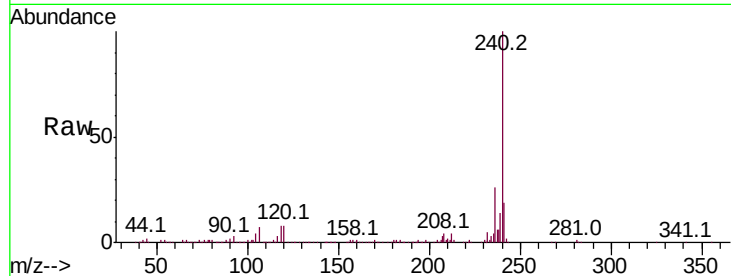
Tot Ion:240 Resp: 287072

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

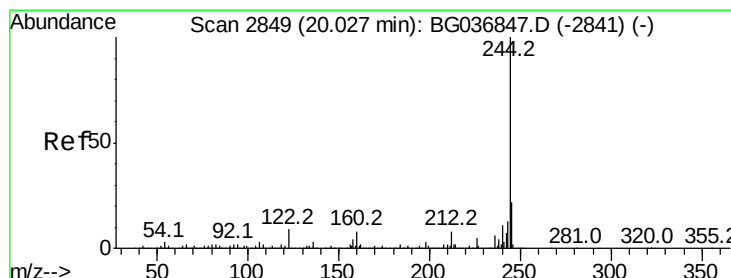
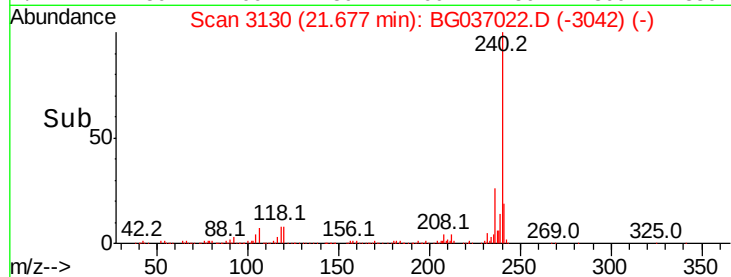
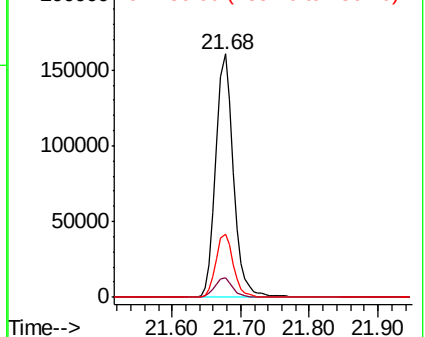
236 26.0 21.2 31.8



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



#78

Terphenyl-d14

Concen: 84.854 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037022.D

Acq: 27 Sep 2018 19:53

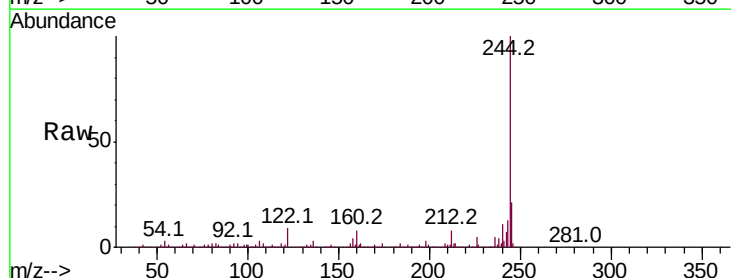
Tgt Ion:244 Resp: 926385

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

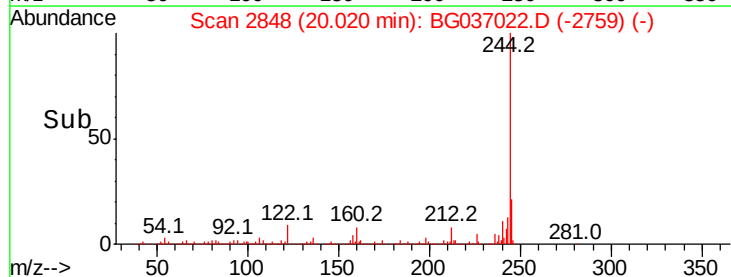
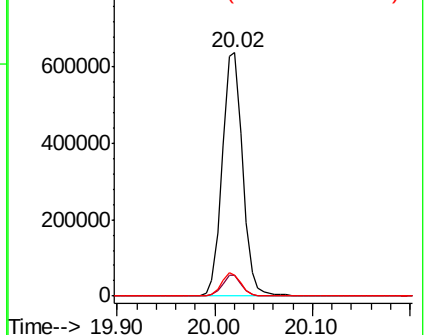
122 8.6 7.1 10.7



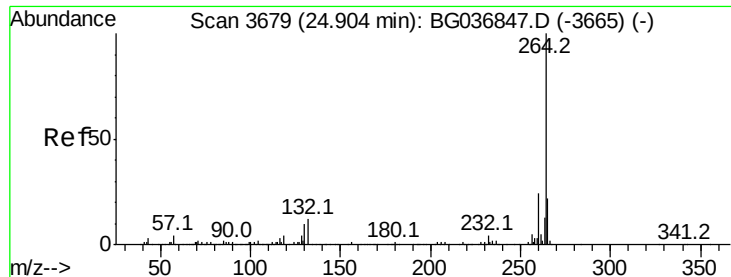
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.88 min Scan# 3675  
Delta R.T. -0.02 min  
Lab File: BG037022.D  
Acq: 27 Sep 2018 19:53

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

Tot Ion:264 Resp: 286444  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 19.6  | 29.4  |
| 265 | 22.8  | 17.4  | 26.0  |

