

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\  
 Data File : BG036646.D  
 Acq On : 11 Sep 2018 4:46  
 Operator : JU/SJ  
 Sample : J4829-04  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OILY-STONES-PADS

Quant Time: Sep 11 07:34:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 31 13:03:20 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 54611    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.86 | 136  | 237852   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.68 | 164  | 162428   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.42 | 188  | 404769   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.69 | 240  | 407194   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 24.89 | 264  | 358342   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.62  | 112  | 375218   | 108.99 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 488785   | 99.16  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 370614   | 84.54  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.16 | 330  | 246250   | 127.06 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 876105   | 77.01  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.03 | 244  | 1451742  | 83.33  | ng    | 0.00     |

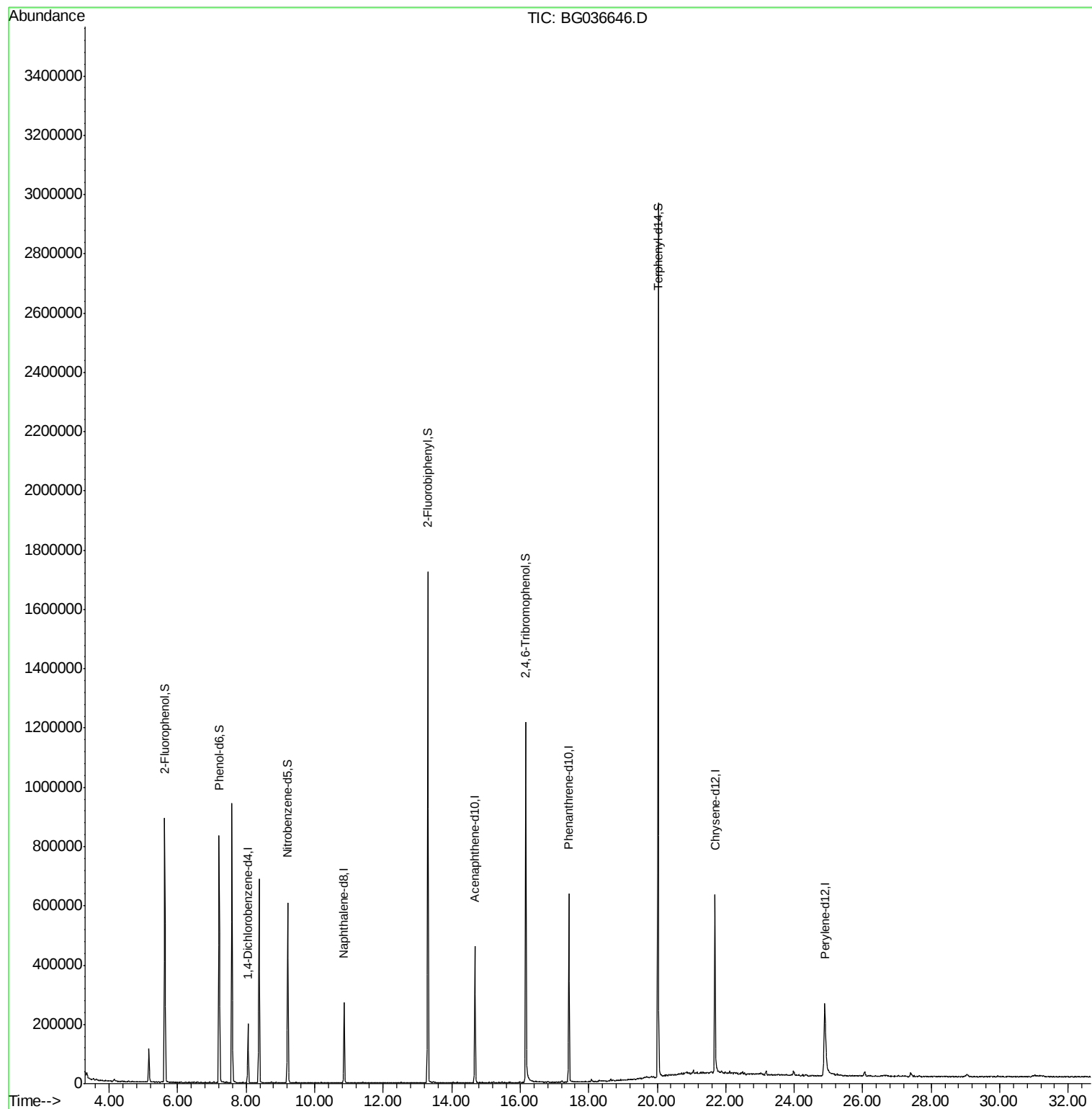
Target Compounds Qvalue

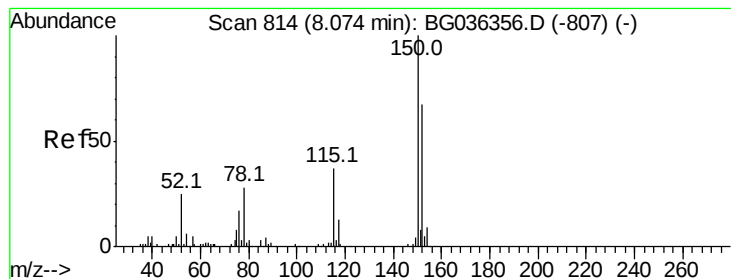
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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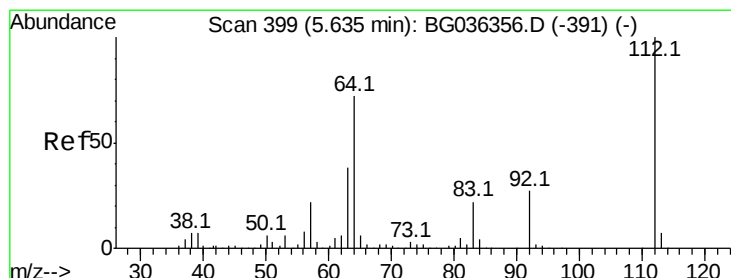
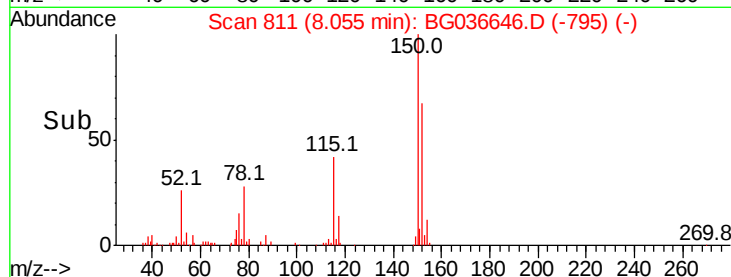
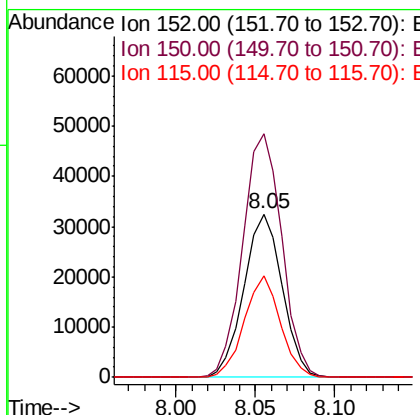
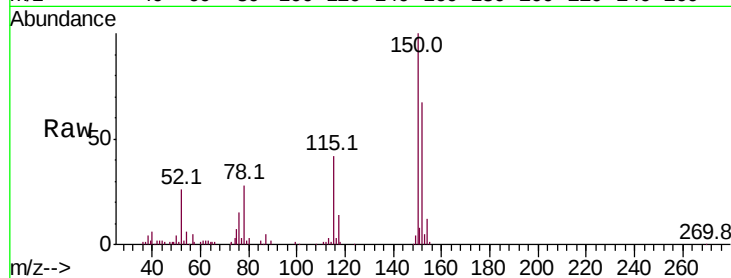




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.05 min Scan# 811  
 Delta R.T. -0.01 min  
 Lab File: BG036646.D  
 Acq: 11 Sep 2018 4:46

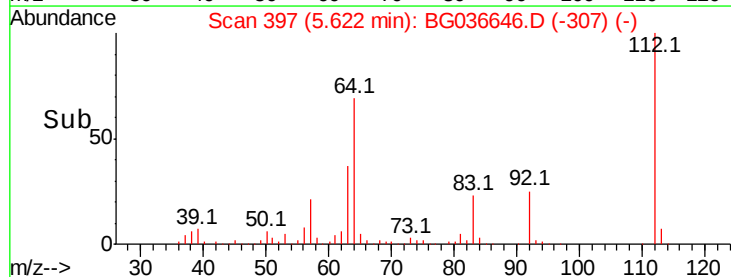
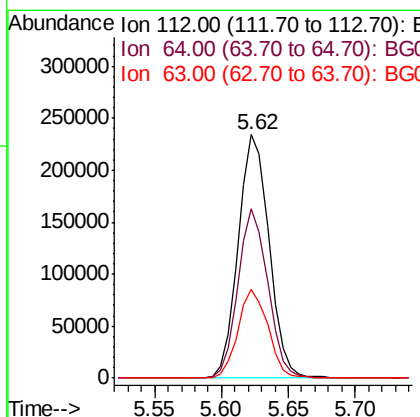
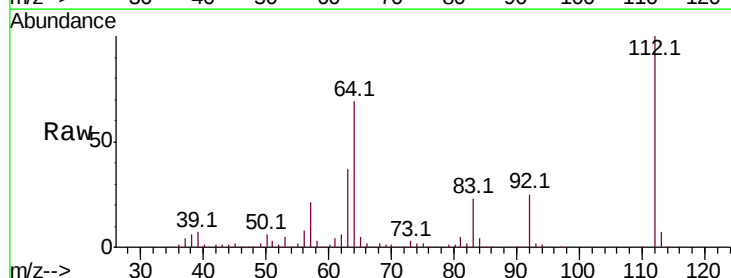
Instrument :  
 BNA\_G  
 ClientSampleId :  
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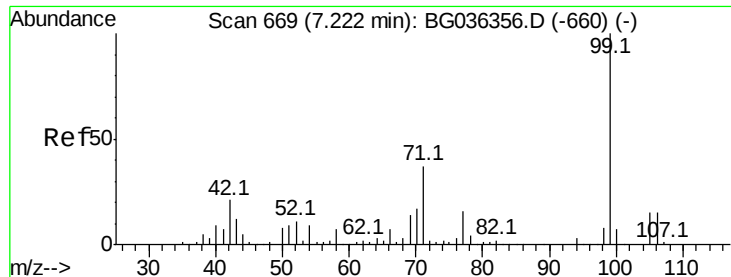
Tot Ion:152 Resp: 54611  
 Ion Ratio Lower Upper  
 152 100  
 150 149.0 119.5 179.3  
 115 62.4 44.5 66.7



#5  
 2-Fluorophenol  
 Concen: 108.990 ng  
 RT: 5.62 min Scan# 397  
 Delta R.T. -0.00 min  
 Lab File: BG036646.D  
 Acq: 11 Sep 2018 4:46

Tgt Ion:112 Resp: 375218  
 Ion Ratio Lower Upper  
 112 100  
 64 69.4 57.2 85.8  
 63 36.5 30.8 46.2





#7

Phenol-d6

Concen: 99.164 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

Instrument :

BNA\_G

ClientSampleId :

OILY-STONES-PADS

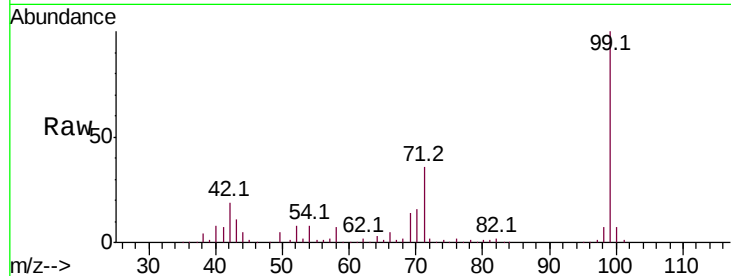
Tot Ion: 99 Resp: 488785

Ion Ratio Lower Upper

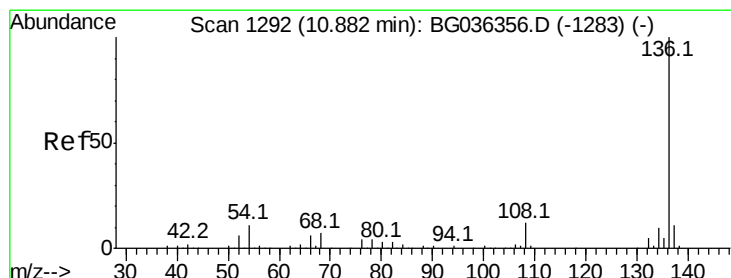
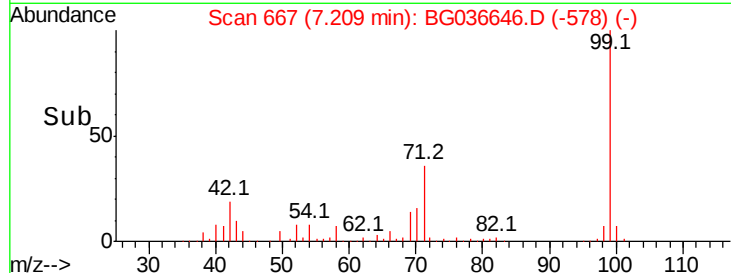
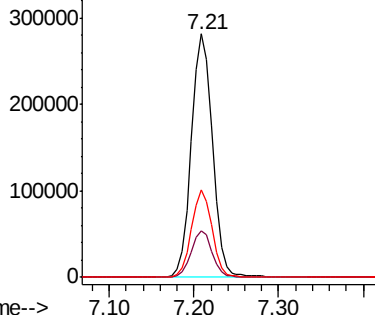
99 100

42 19.4 16.5 24.7

71 35.9 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036646.D

Acq: 11 Sep 2018 4:46

Tgt Ion: 136 Resp: 237852

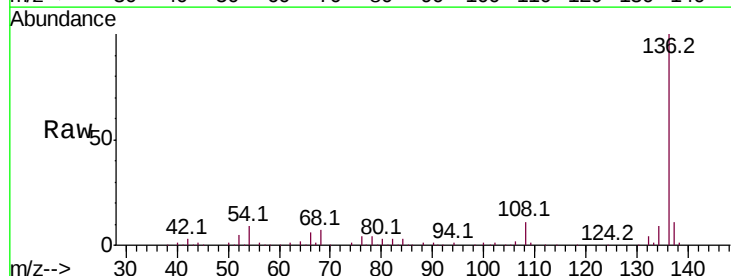
Ion Ratio Lower Upper

136 100

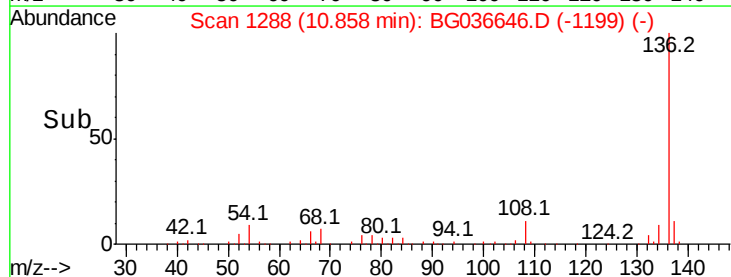
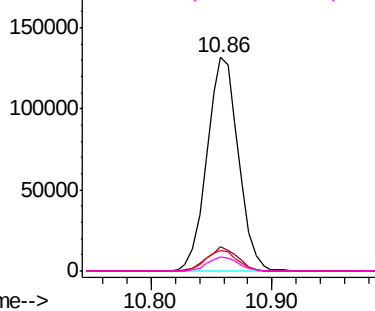
137 11.3 8.8 13.2

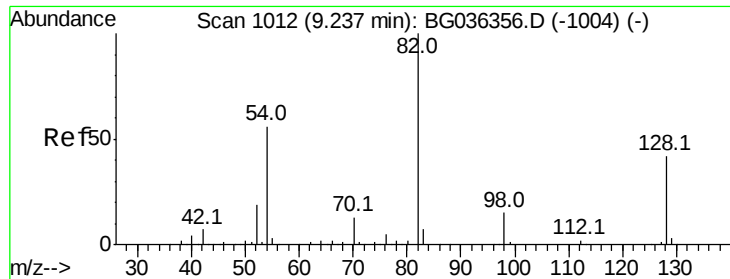
54 9.5 9.2 13.8

68 6.6 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

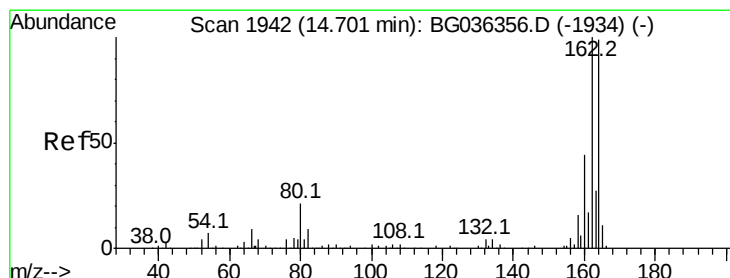
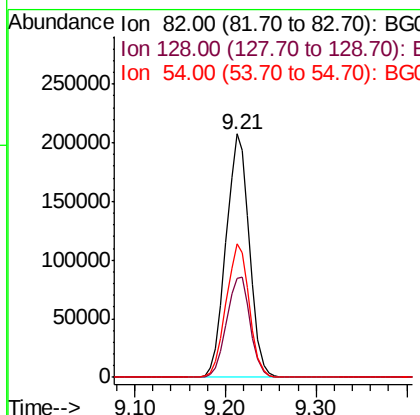
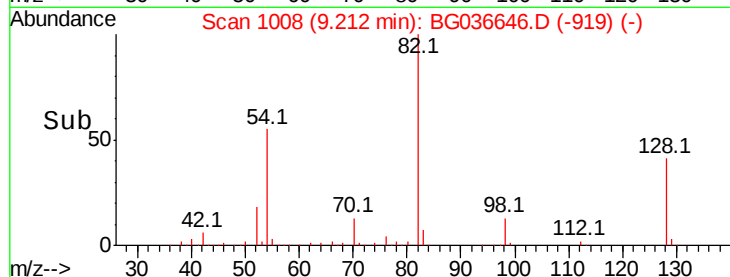
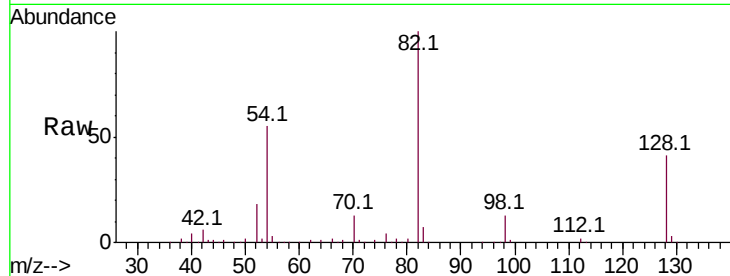




#23  
 Nitrobenzene-d5  
 Concen: 84.541 ng  
 RT: 9.21 min Scan# 1008  
 Delta R.T. -0.01 min  
 Lab File: BG036646.D  
 Acq: 11 Sep 2018 4:46

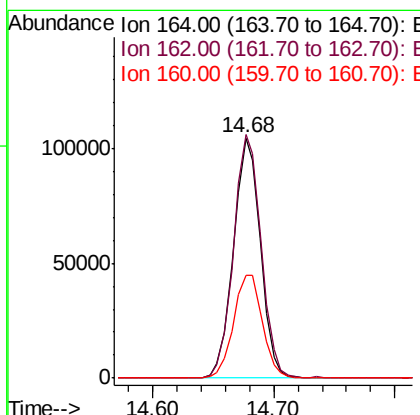
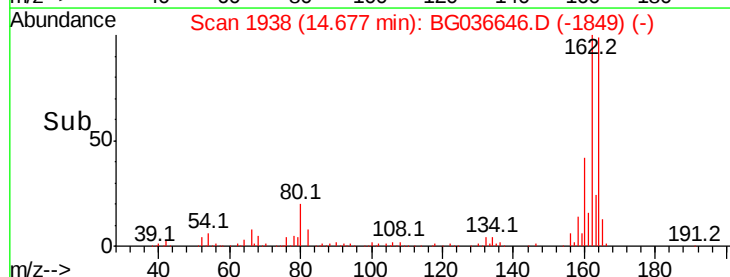
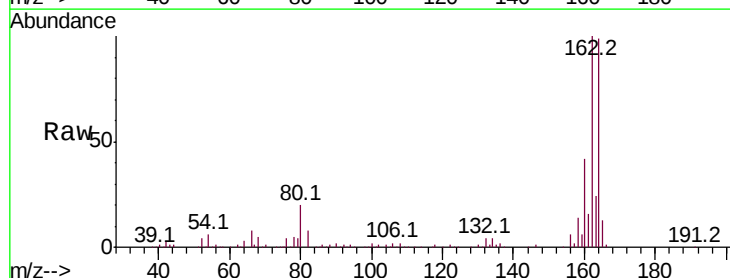
Instrument :  
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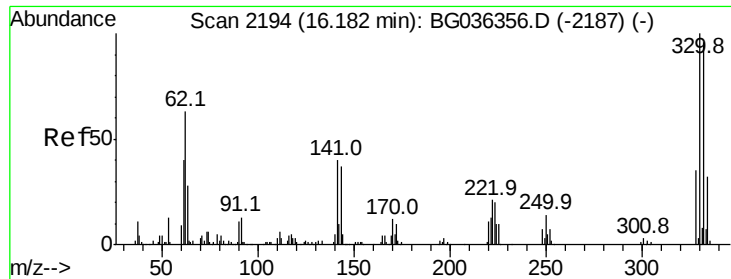
Tot Ion: 82 Resp: 370614  
 Ion Ratio Lower Upper  
 82 100  
 128 40.9 33.3 49.9  
 54 54.9 45.1 67.7



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.68 min Scan# 1938  
 Delta R.T. -0.01 min  
 Lab File: BG036646.D  
 Acq: 11 Sep 2018 4:46

Tgt Ion: 164 Resp: 162428  
 Ion Ratio Lower Upper  
 164 100  
 162 101.5 80.7 121.1  
 160 43.0 35.3 52.9

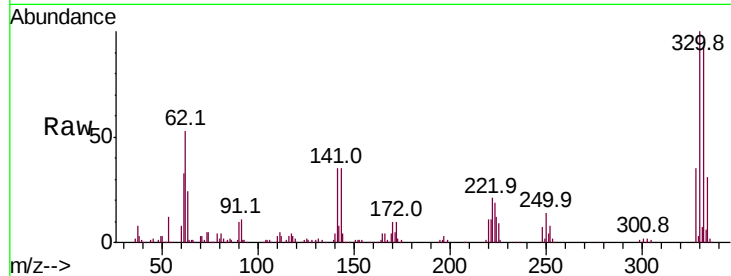




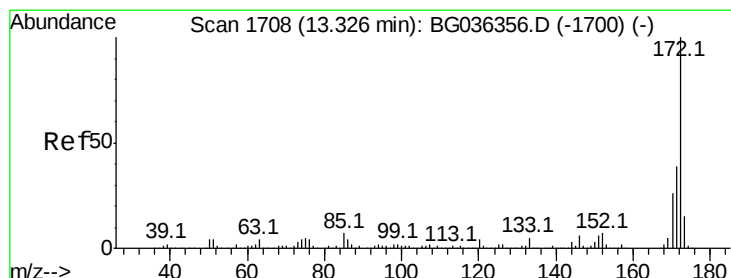
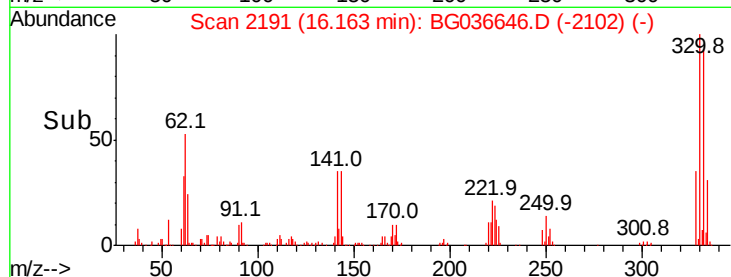
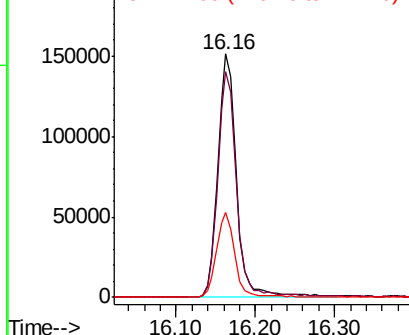
#41  
 2,4,6-Tribromophenol  
 Concen: 127.056 ng  
 RT: 16.16 min Scan# 2191  
 Delta R.T. -0.01 min  
 Lab File: BG036646.D  
 Acq: 11 Sep 2018 4:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OILY-STONES-PADS

Tot Ion:330 Resp: 246250  
 Ion Ratio Lower Upper  
 330 100  
 332 93.9 75.4 113.2  
 141 33.9 30.7 46.1

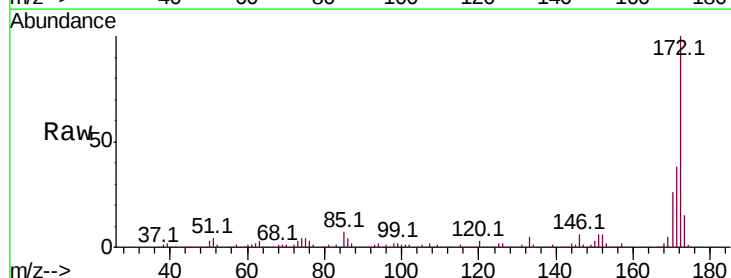


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

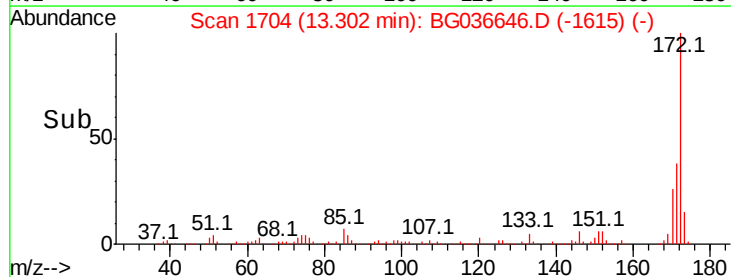
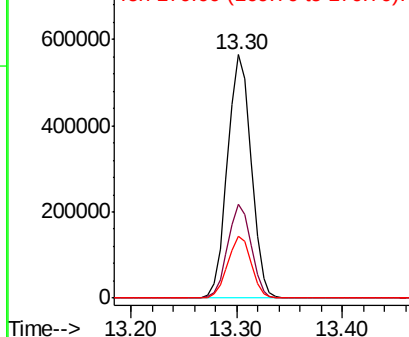


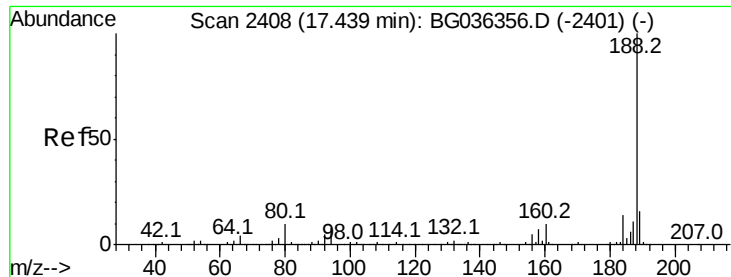
#44  
 2-Fluorobiphenyl  
 Concen: 77.014 ng  
 RT: 13.30 min Scan# 1704  
 Delta R.T. -0.01 min  
 Lab File: BG036646.D  
 Acq: 11 Sep 2018 4:46

Tgt Ion:172 Resp: 876105  
 Ion Ratio Lower Upper  
 172 100  
 171 38.5 31.3 46.9  
 170 25.5 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

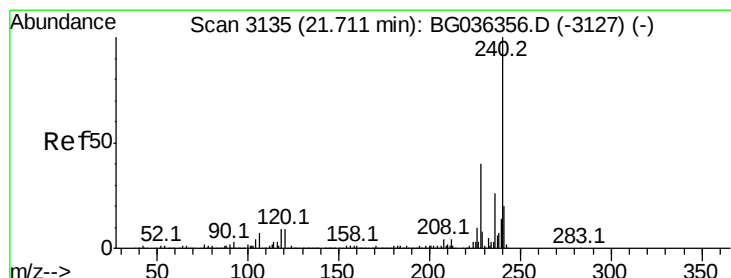
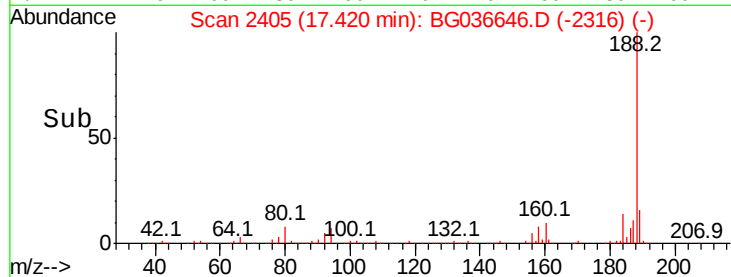
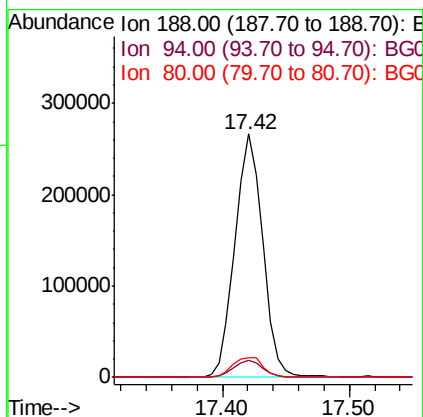
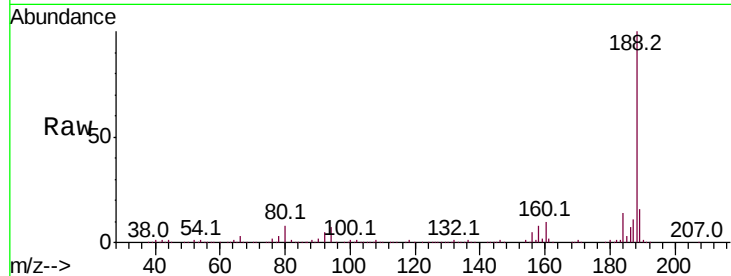




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2405  
Delta R.T. -0.01 min  
Lab File: BG036646.D  
Acq: 11 Sep 2018 4:46

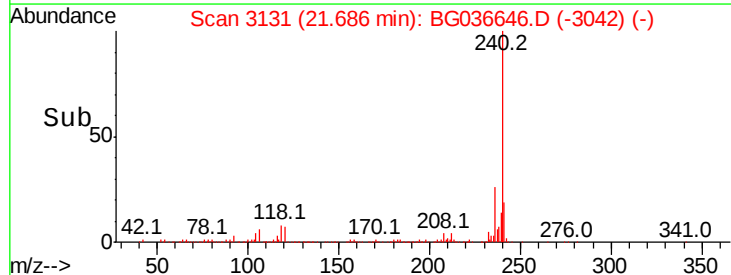
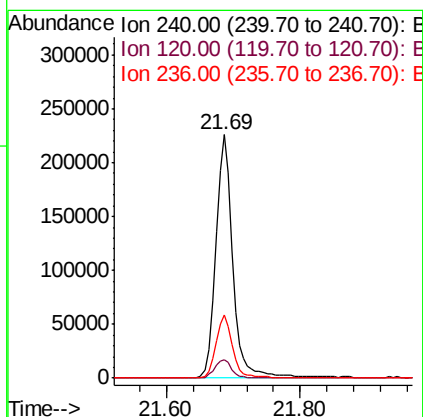
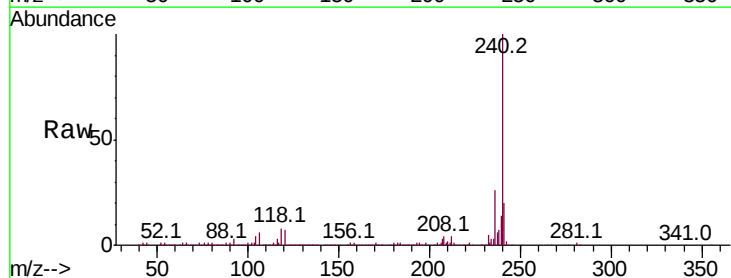
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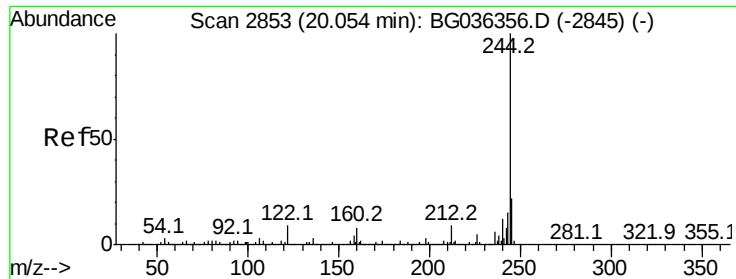
Tot Ion:188 Resp: 404769  
Ion Ratio Lower Upper  
188 100  
94 6.9 6.7 10.1  
80 8.2 8.1 12.1



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.69 min Scan# 3131  
Delta R.T. -0.01 min  
Lab File: BG036646.D  
Acq: 11 Sep 2018 4:46

Tgt Ion:240 Resp: 407194  
Ion Ratio Lower Upper  
240 100  
120 7.3 6.9 10.3  
236 26.0 21.2 31.8



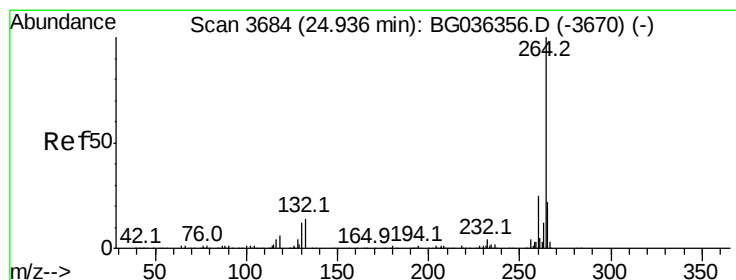
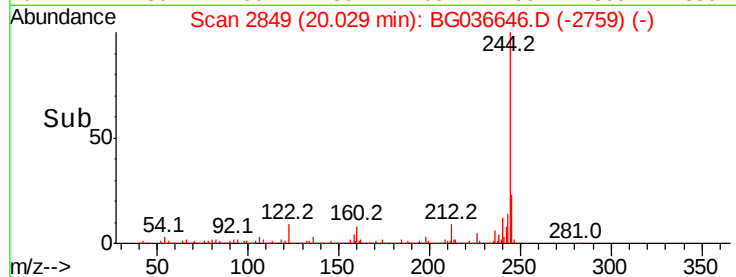
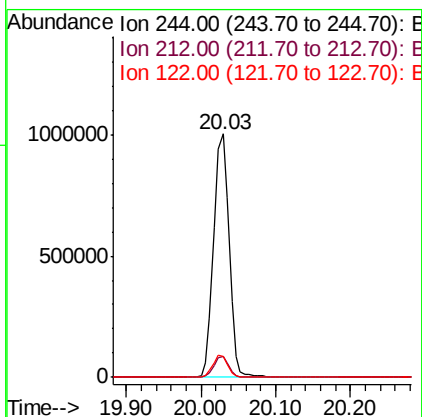
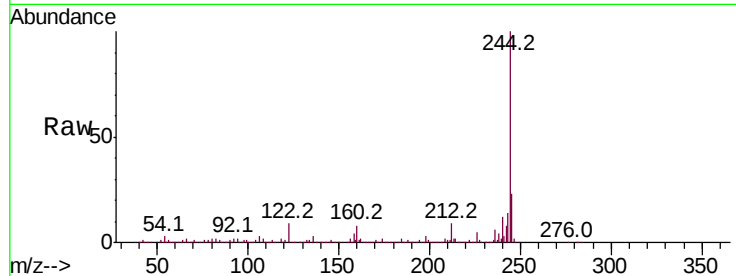


#78  
 Terphenyl-d14  
 Concen: 83.332 ng  
 RT: 20.03 min Scan# 2849  
 Delta R.T. -0.00 min  
 Lab File: BG036646.D  
 Acq: 11 Sep 2018 4:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tot Ion:244 Resp: 1451742

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.8   | 7.0   | 10.6  |
| 122 | 8.7   | 7.1   | 10.7  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.89 min Scan# 3676  
 Delta R.T. -0.01 min  
 Lab File: BG036646.D  
 Acq: 11 Sep 2018 4:46

Tgt Ion:264 Resp: 358342

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 19.6  | 29.4  |
| 265 | 20.4  | 17.4  | 26.0  |

