

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\  
 Data File : BG038857.D  
 Acq On : 27 Dec 2018 23:51  
 Operator : JU/SJ  
 Sample : J6549-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-9

Quant Time: Dec 28 02:46:51 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

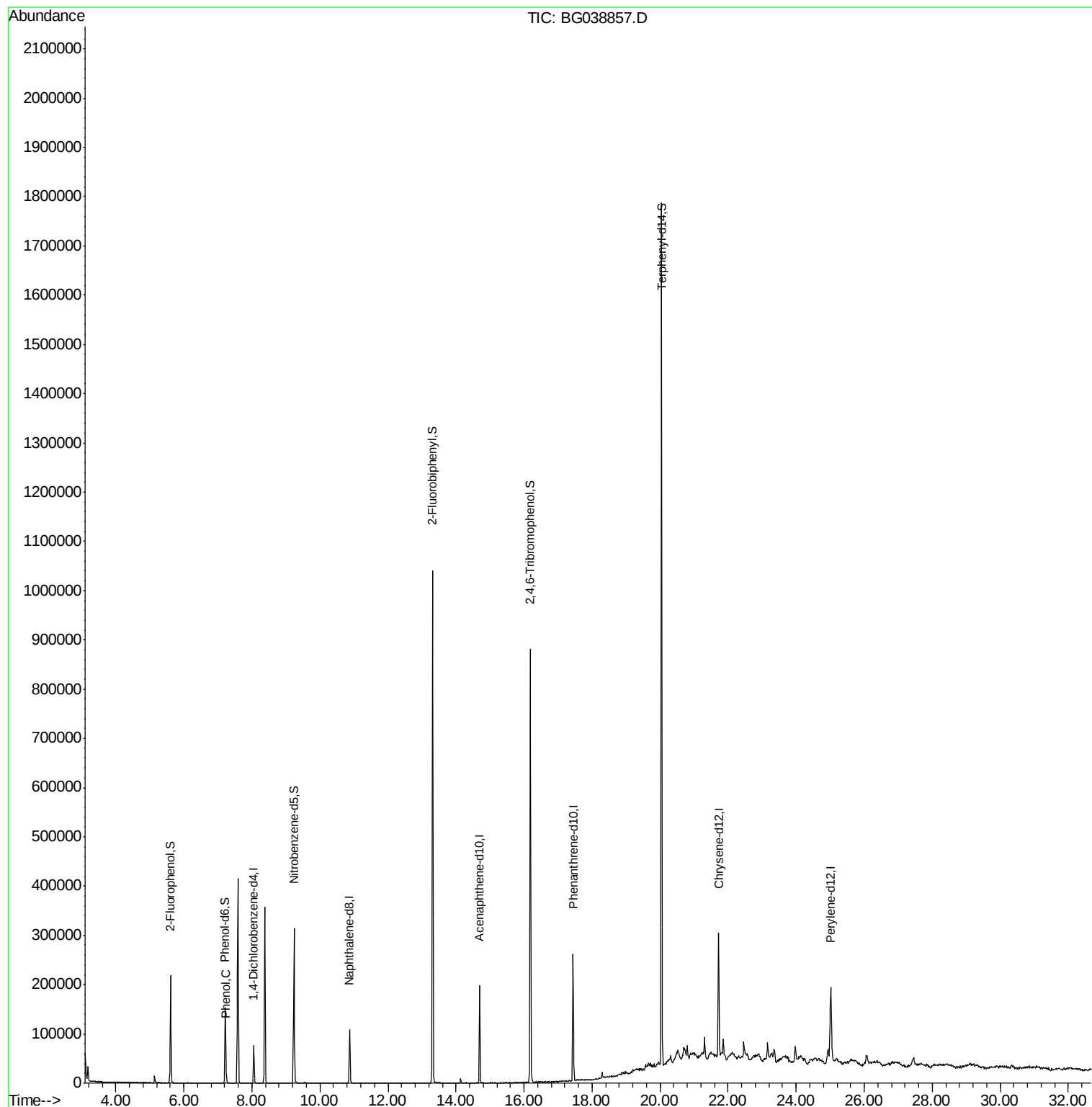
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 22354    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.87 | 136  | 98581    | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.69 | 164  | 73757    | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.44 | 188  | 175758   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.72 | 240  | 164418   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 25.02 | 264  | 181820   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.61  | 112  | 96584    | 76.63  | ng    | 0.00      |
| 7) Phenol-d6                | 7.21  | 99   | 90643    | 52.39  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.24  | 82   | 184115   | 95.41  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.19 | 330  | 187507   | 184.46 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 554265   | 103.09 | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.04 | 244  | 880665   | 116.57 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 7.24  | 94   | 4618     | 2.512  | ng    | Qvalue 95 |

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

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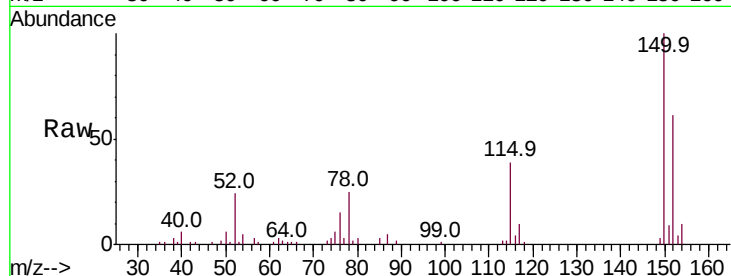


#1

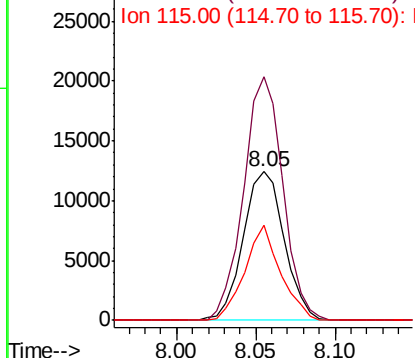
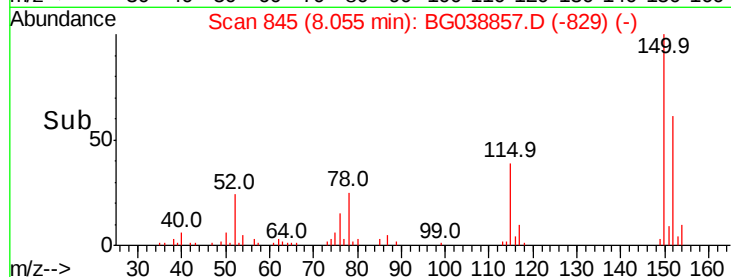
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.05 min Scan# 845  
 Delta R.T. -0.00 min  
 Lab File: BG038857.D  
 Acq: 27 Dec 2018 23:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-9

Tot Ion:152 Resp: 22354  
 Ion Ratio Lower Upper  
 152 100  
 150 163.9 119.5 179.3  
 115 64.1 49.6 74.4



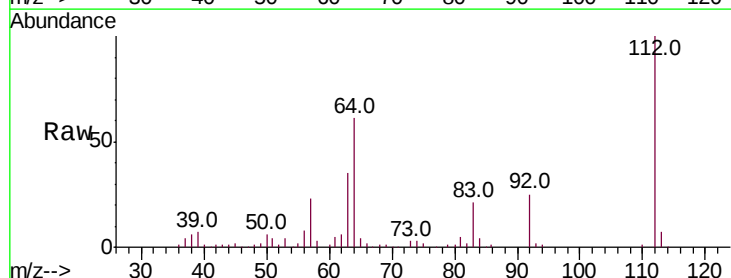
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



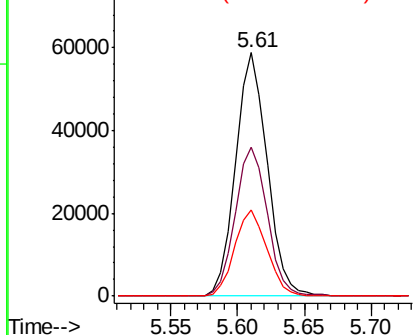
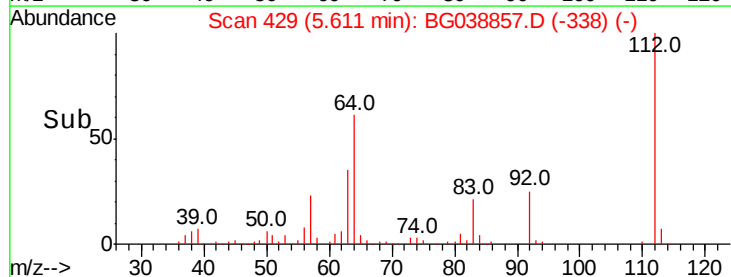
#5

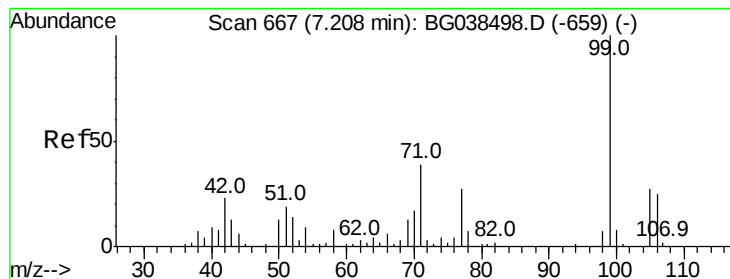
2-Fluorophenol  
 Concen: 76.633 ng  
 RT: 5.61 min Scan# 429  
 Delta R.T. 0.01 min  
 Lab File: BG038857.D  
 Acq: 27 Dec 2018 23:51

Tgt Ion:112 Resp: 96584  
 Ion Ratio Lower Upper  
 112 100  
 64 61.1 53.4 80.2  
 63 35.1 29.3 43.9



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: 52.389 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038857.D

Acq: 27 Dec 2018 23:51

Instrument :

BNA\_G

ClientSampleId :

MW-9

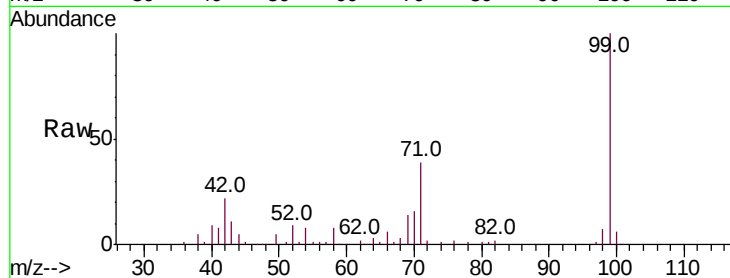
Tot Ion: 99 Resp: 90643

Ion Ratio Lower Upper

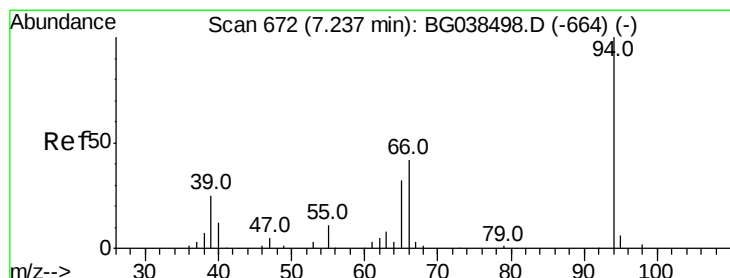
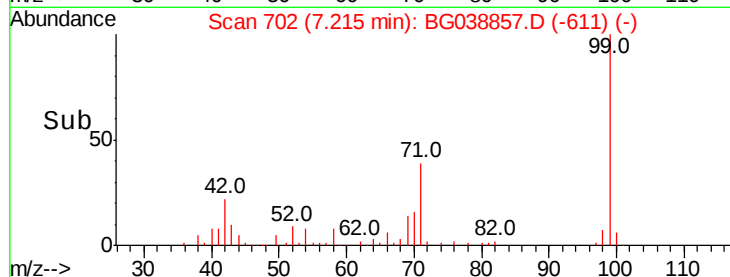
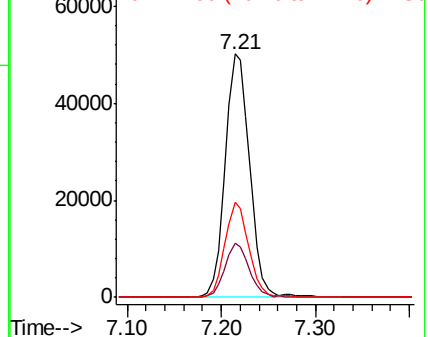
99 100

42 22.3 18.5 27.7

71 38.8 31.1 46.7



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



#10

Phenol

Concen: 2.512 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038857.D

Acq: 27 Dec 2018 23:51

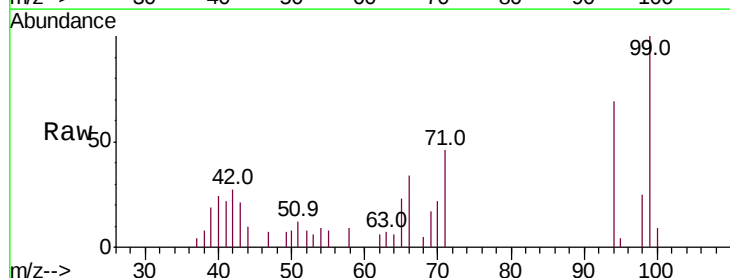
Tgt Ion: 94 Resp: 4618

Ion Ratio Lower Upper

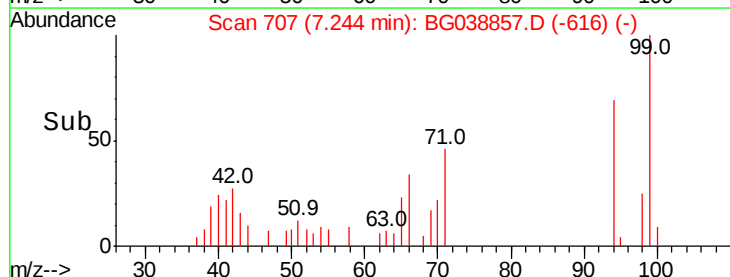
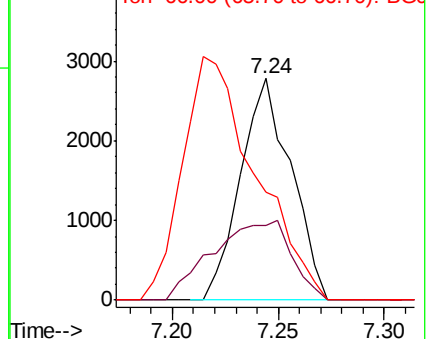
94 100

65 33.6 12.6 52.6

66 48.9 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC

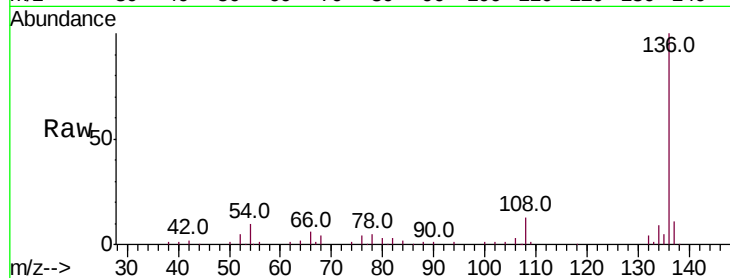




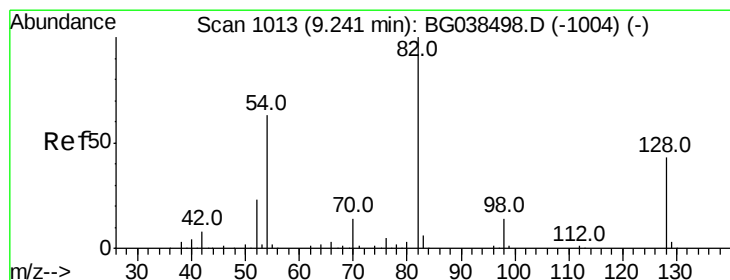
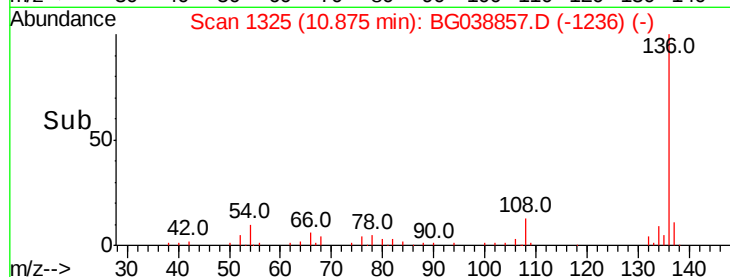
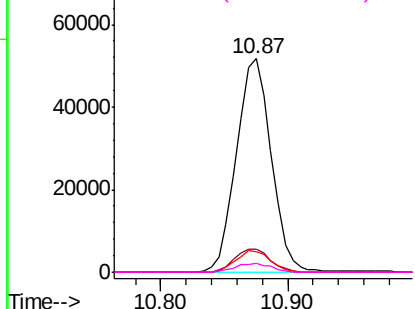
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.00 min  
Lab File: BG038857.D  
Acq: 27 Dec 2018 23:51

Instrument :  
BNA\_G  
ClientSampleId :  
MW-9

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 136   | Resp: | 98581 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.7  | 9.3   | 13.9  |
| 54       | 10.2  | 8.5   | 12.7  |
| 68       | 4.4   | 3.5   | 5.3   |

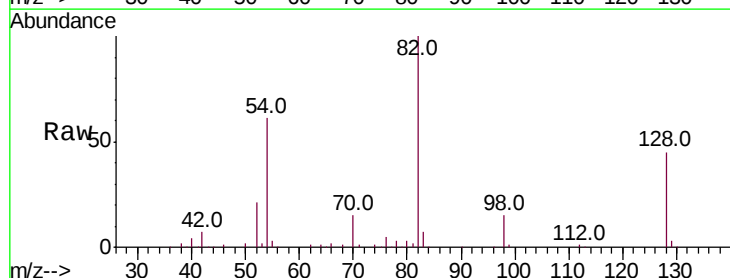


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

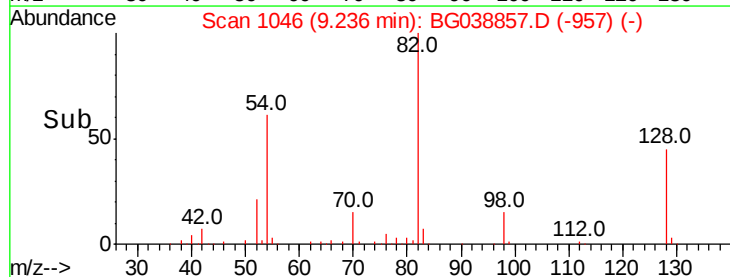
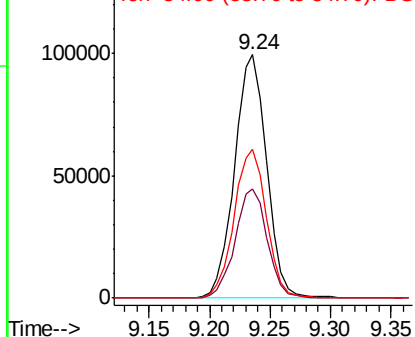


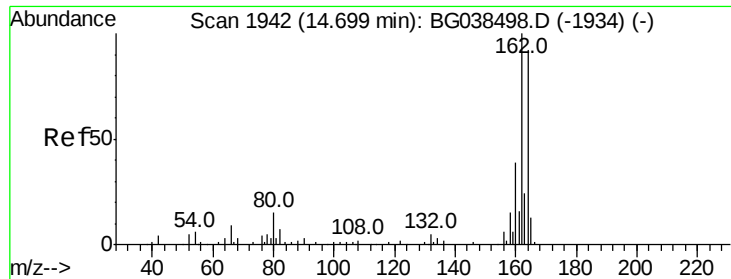
#23  
Nitrobenzene-d5  
Concen: 95.413 ng  
RT: 9.24 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BG038857.D  
Acq: 27 Dec 2018 23:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 184115 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 44.9  | 34.6  | 52.0   |
| 54       | 61.3  | 50.6  | 76.0   |



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038857.D

Acq: 27 Dec 2018 23:51

Instrument :

BNA\_G

ClientSampleId :

MW-9

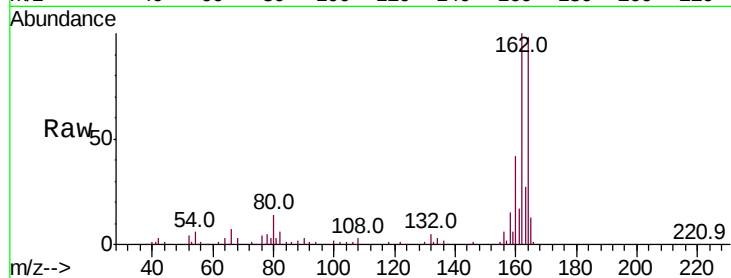
Tot Ion:164 Resp: 73757

Ion Ratio Lower Upper

164 100

162 101.7 86.6 130.0

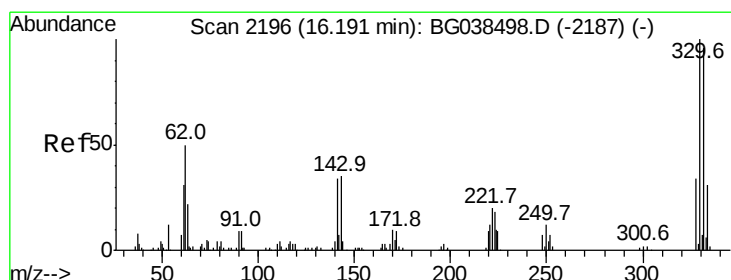
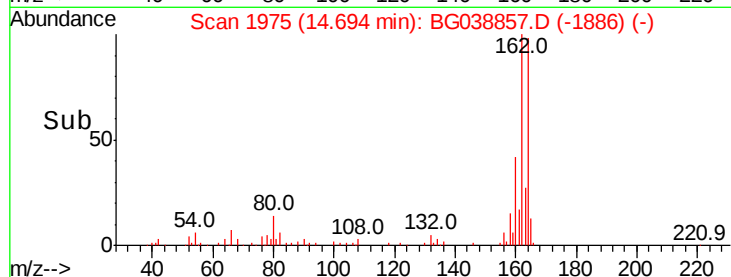
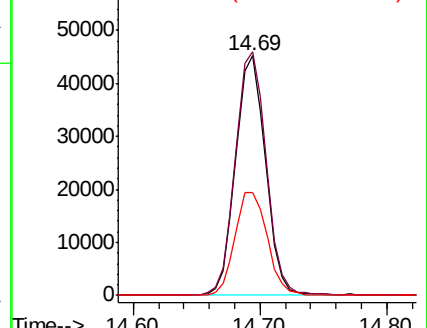
160 43.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 184.463 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038857.D

Acq: 27 Dec 2018 23:51

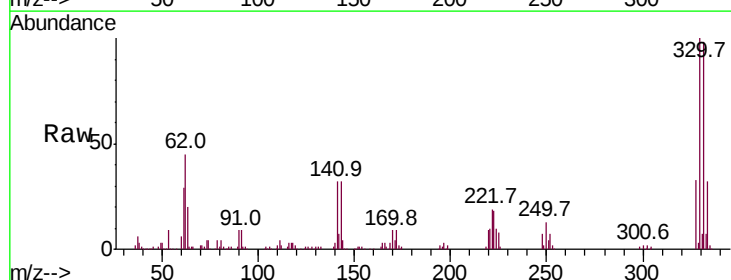
Tgt Ion:330 Resp: 187507

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

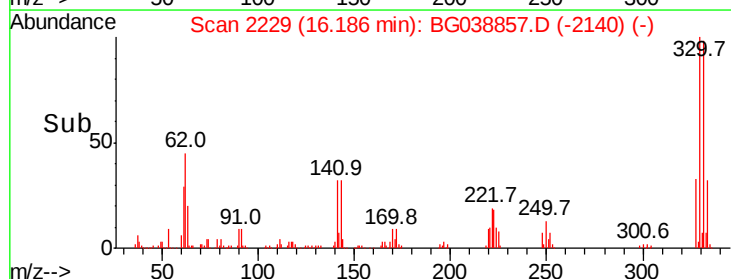
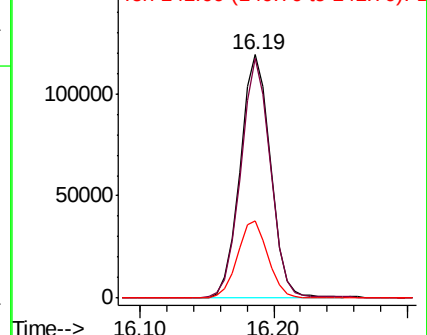
141 31.8 28.8 43.2



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

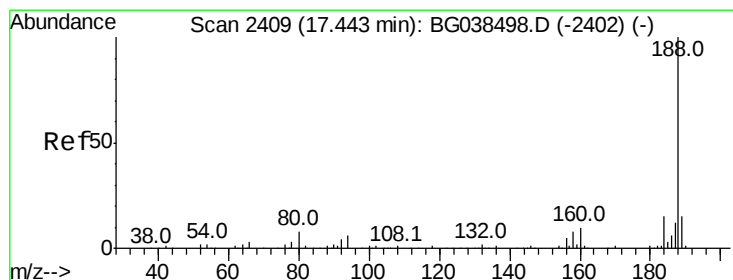
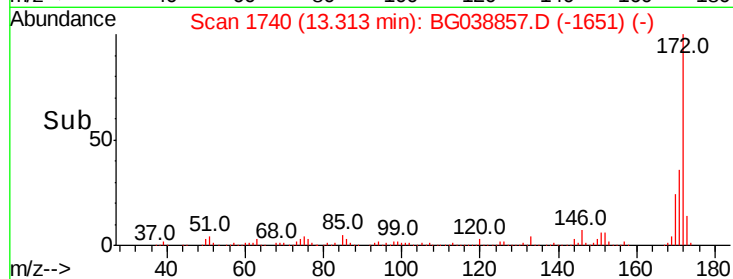
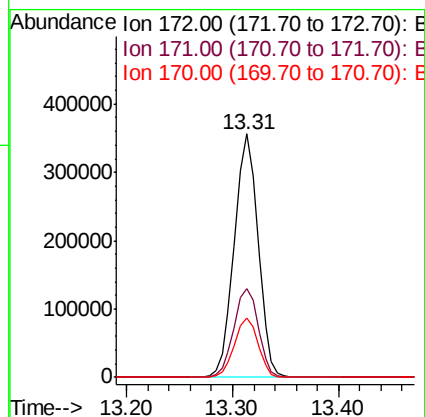
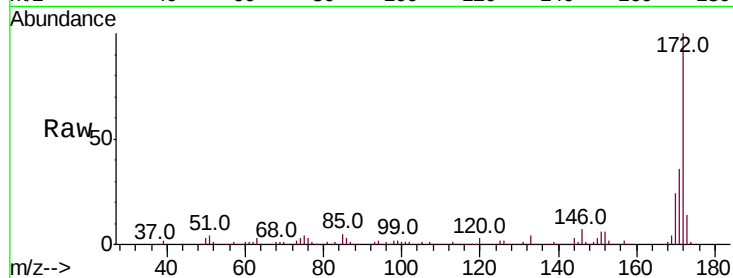




#45  
 2-Fluorobiphenyl  
 Concen: 103.091 ng  
 RT: 13.31 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG038857.D  
 Acq: 27 Dec 2018 23:51

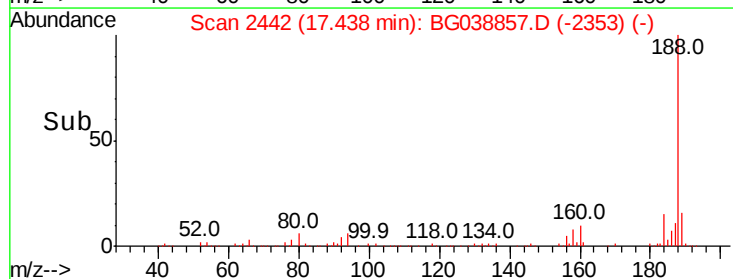
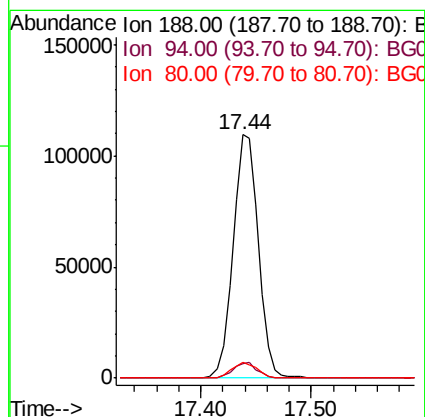
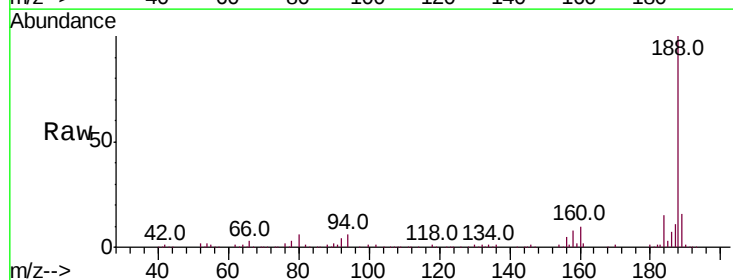
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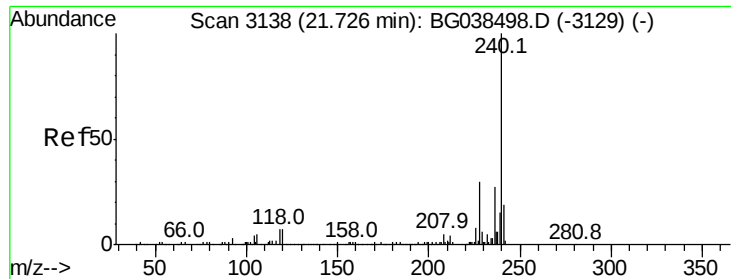
Tot Ion:172 Resp: 554265  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.8 44.6  
 170 24.5 19.5 29.3



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.44 min Scan# 2442  
 Delta R.T. -0.00 min  
 Lab File: BG038857.D  
 Acq: 27 Dec 2018 23:51

Tgt Ion:188 Resp: 175758  
 Ion Ratio Lower Upper  
 188 100  
 94 5.8 5.1 7.7  
 80 6.4 6.1 9.1

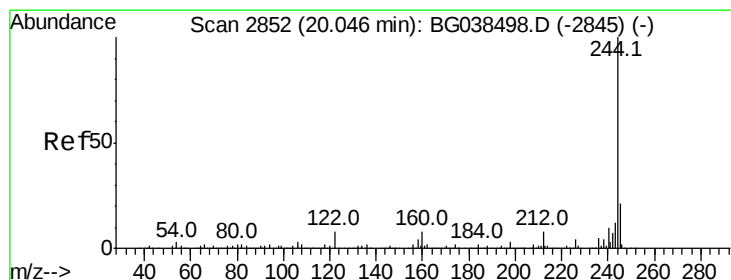
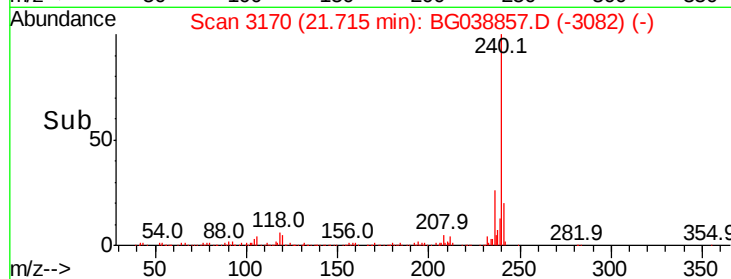
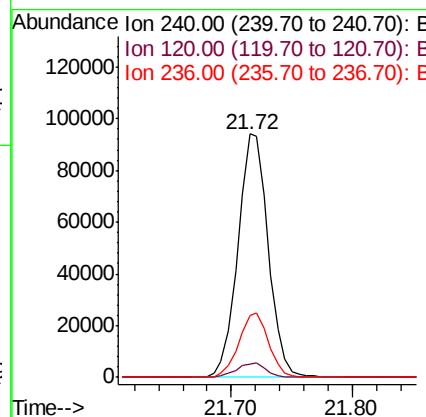
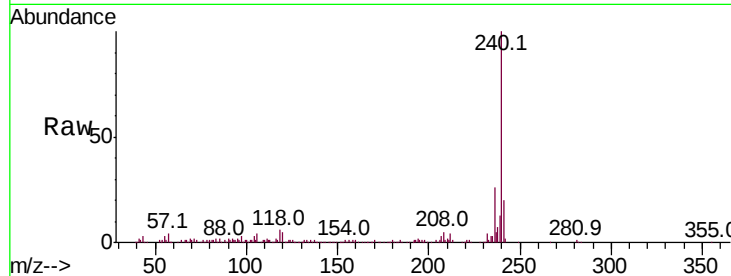




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3170  
 Delta R.T. -0.01 min  
 Lab File: BG038857.D  
 Acq: 27 Dec 2018 23:51

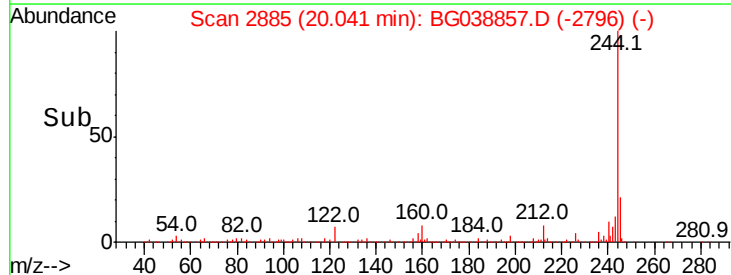
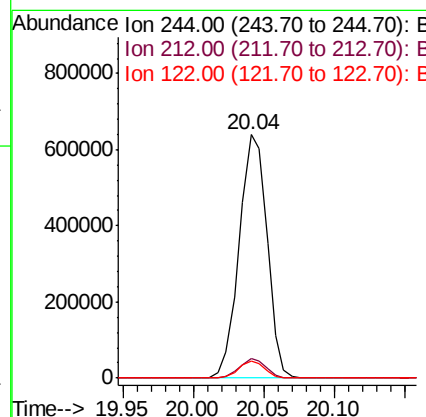
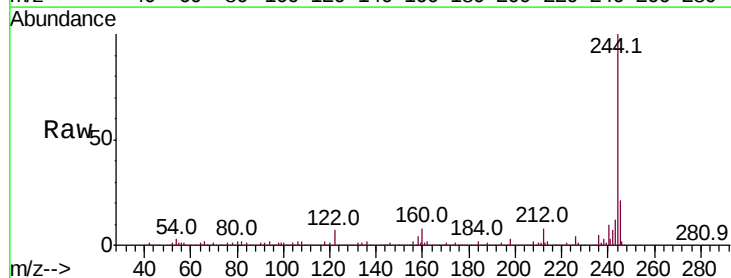
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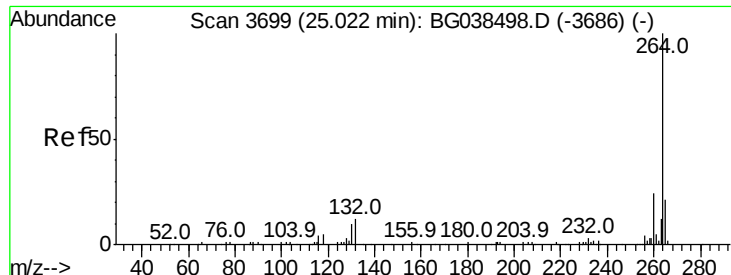
Tot Ion:240 Resp: 164418  
 Ion Ratio Lower Upper  
 240 100  
 120 5.5 5.3 7.9  
 236 25.6 21.4 32.2



#79  
 Terphenyl-d14  
 Concen: 116.570 ng  
 RT: 20.04 min Scan# 2885  
 Delta R.T. -0.00 min  
 Lab File: BG038857.D  
 Acq: 27 Dec 2018 23:51

Tgt Ion:244 Resp: 880665  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.2 9.2  
 122 6.8 6.3 9.5





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 25.02 min Scan# 3732  
 Delta R.T. -0.00 min  
 Lab File: BG038857.D  
 Acq: 27 Dec 2018 23:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 181820 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 22.9  | 18.9  | 28.3   |
| 265      | 21.9  | 17.0  | 25.4   |

