

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG042919\  
 Data File : BG040661.D  
 Acq On : 29 Apr 2019 14:48  
 Operator : JU/SJ  
 Sample : PB119233BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119233BL

Quant Time: Apr 30 03:12:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.15  | 152  | 53370    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.98 | 136  | 204035   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.78 | 164  | 150685   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.52 | 188  | 423214   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.81 | 240  | 433651   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 25.18 | 264  | 465434   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.68  | 112  | 384338   | 126.94 | ng    | 0.00     |
| 7) Phenol-d6                | 7.29  | 99   | 560306   | 120.19 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.33  | 82   | 397210   | 89.95  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.27 | 330  | 300003   | 144.85 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.40 | 172  | 856781   | 82.12  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.12 | 244  | 1733189  | 88.54  | ng    | -0.01    |

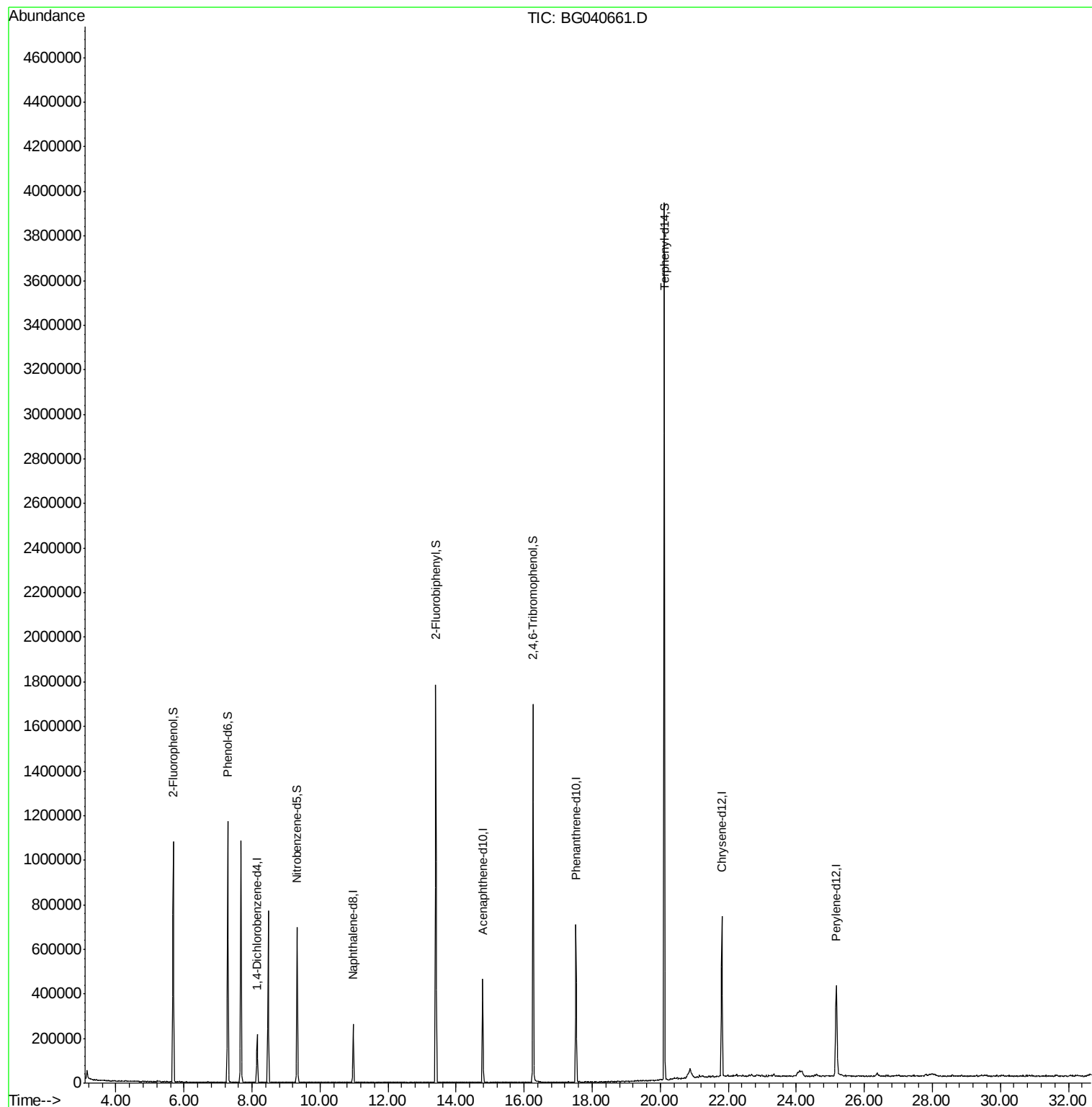
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

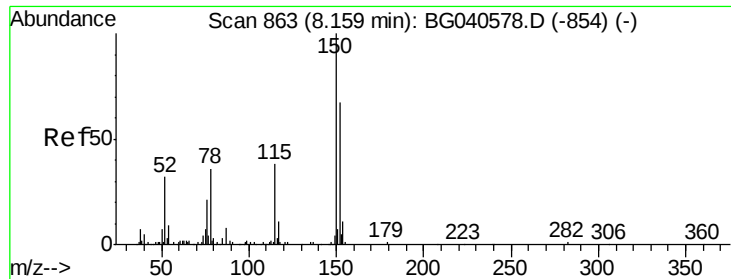
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 24 05:35:33 2019  
Response via : Initial Calibration



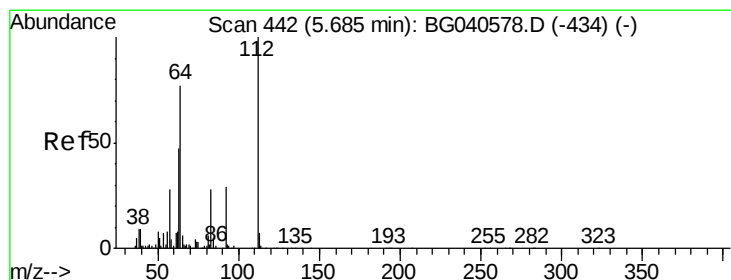
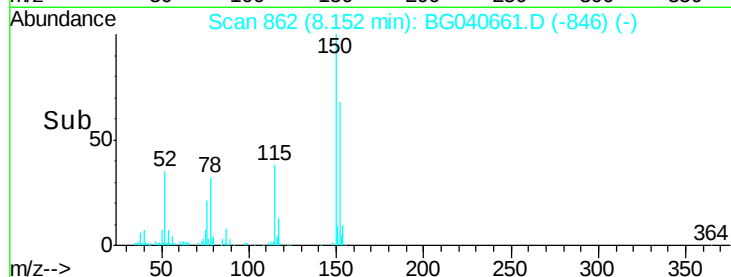
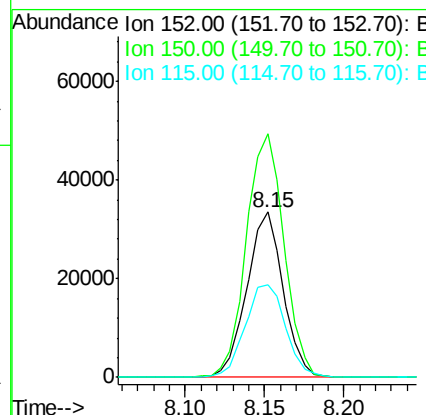
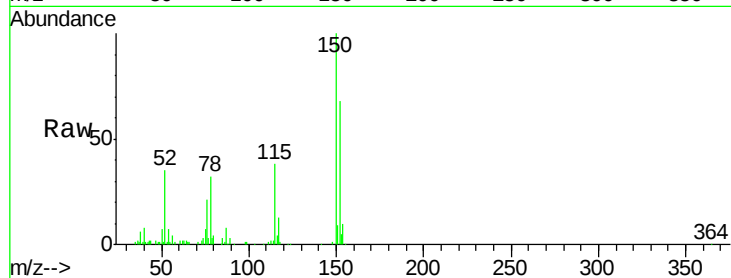


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BG040661.D  
Acq: 29 Apr 2019 14:48

Instrument :  
BNA\_G  
ClientSampleId :  
PB119233BL

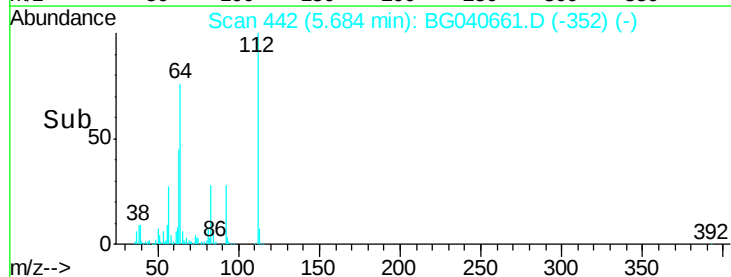
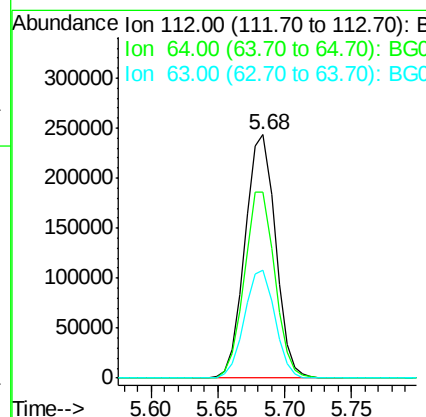
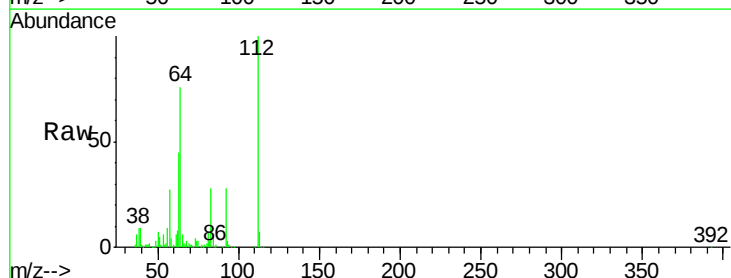
Tgt Ion:152 Resp: 53370  
Ion Ratio Lower Upper  
152 100  
150 147.3 120.2 180.2  
115 56.1 46.2 69.2



#5

2-Fluorophenol  
Concen: 126.944 ng  
RT: 5.68 min Scan# 442  
Delta R.T. 0.00 min  
Lab File: BG040661.D  
Acq: 29 Apr 2019 14:48

Tgt Ion:112 Resp: 384338  
Ion Ratio Lower Upper  
112 100  
64 76.3 61.4 92.0  
63 44.5 37.8 56.6





#7

Phenol-d6

Concen: 120.194 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040661.D

Acq: 29 Apr 2019 14:48

Instrument :

BNA\_G

ClientSampleId :

PB119233BL

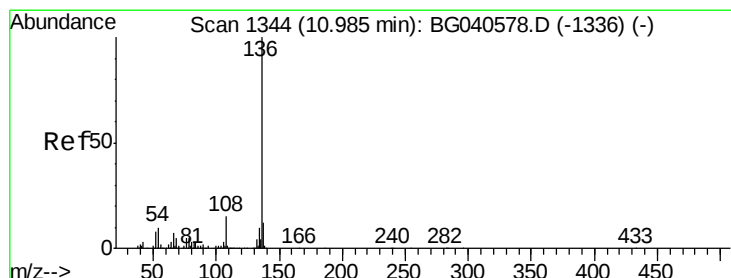
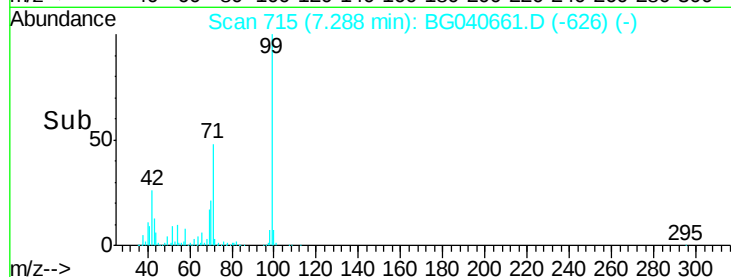
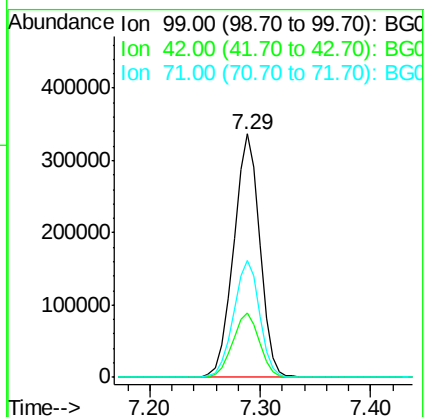
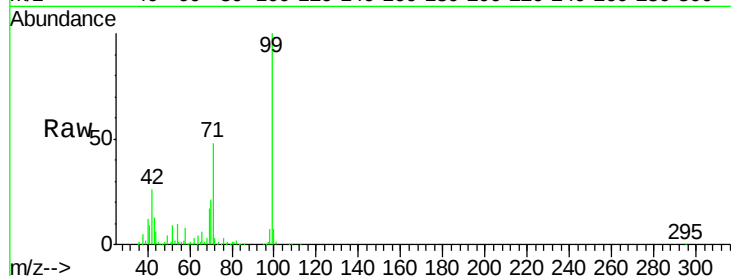
Tgt Ion: 99 Resp: 560306

Ion Ratio Lower Upper

99 100

42 26.2 21.8 32.8

71 48.0 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040661.D

Acq: 29 Apr 2019 14:48

Tgt Ion: 136 Resp: 204035

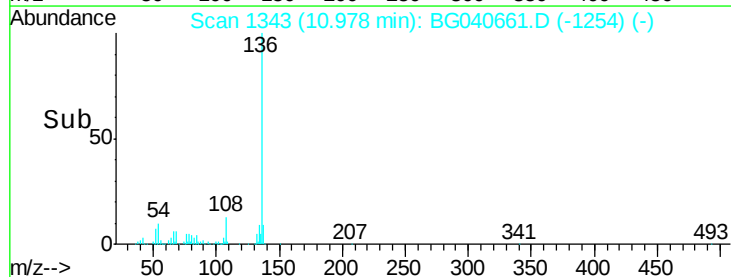
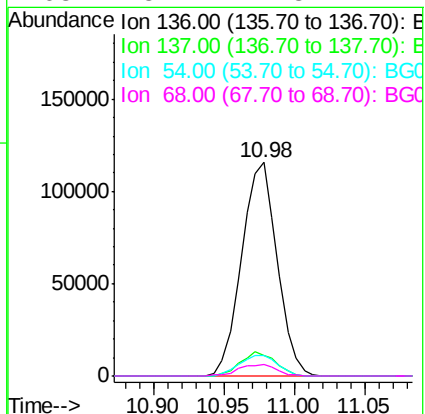
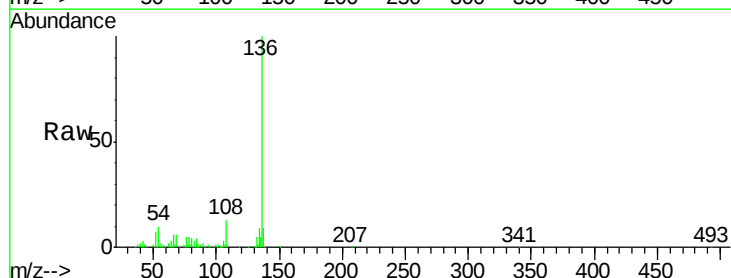
Ion Ratio Lower Upper

136 100

137 9.5 9.7 14.5#

54 9.7 8.6 12.8

68 5.7 4.8 7.2

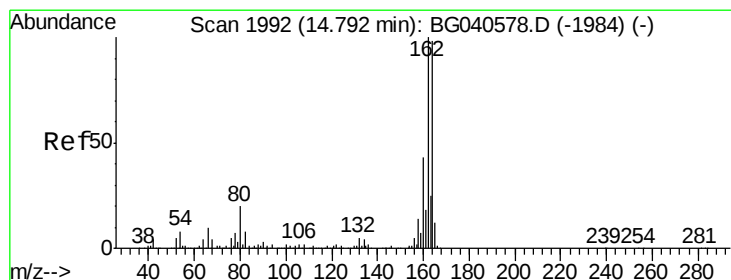
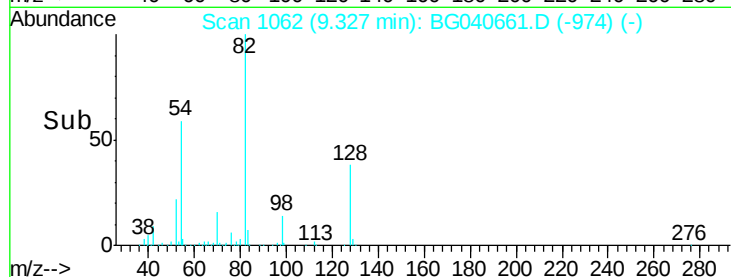
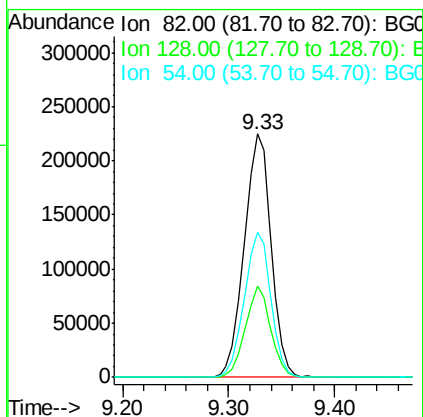
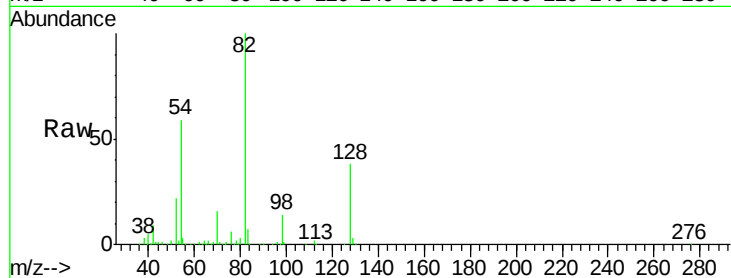




#23  
Nitrobenzene-d5  
Concen: 89.953 ng  
RT: 9.33 min Scan# 1062  
Delta R.T. -0.01 min  
Lab File: BG040661.D  
Acq: 29 Apr 2019 14:48

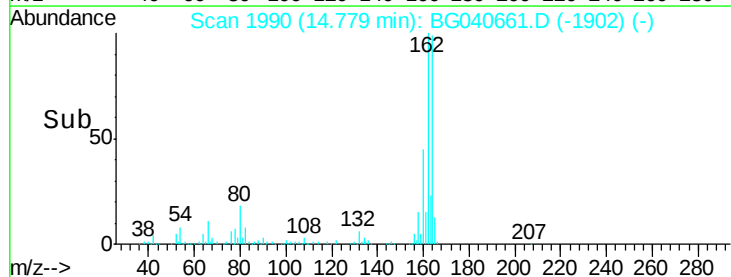
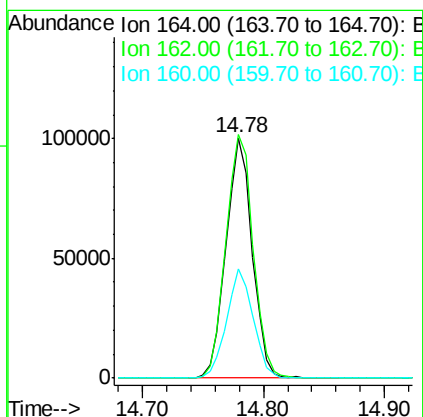
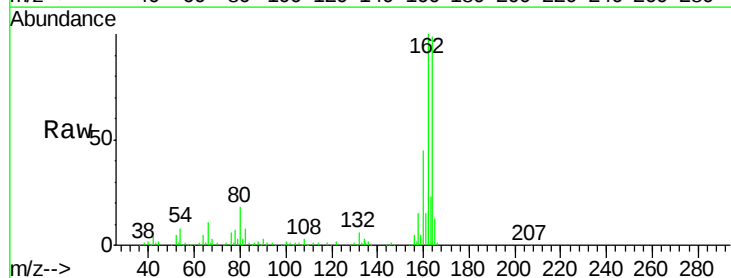
Instrument :  
BNA\_G  
ClientSampleId :  
PB119233BL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.8  | 28.9  | 43.3  |
| 54      | 59.4  | 47.2  | 70.8  |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. -0.01 min  
Lab File: BG040661.D  
Acq: 29 Apr 2019 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 81.9  | 122.9 |
| 160     | 45.3  | 35.4  | 53.2  |

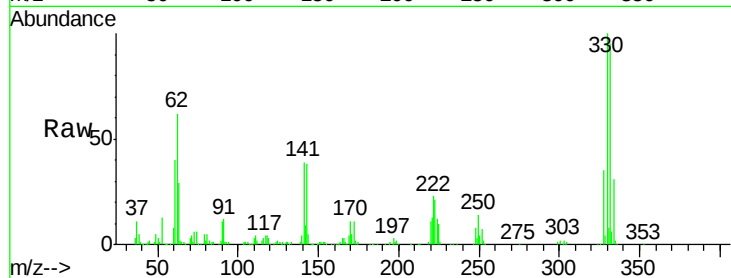




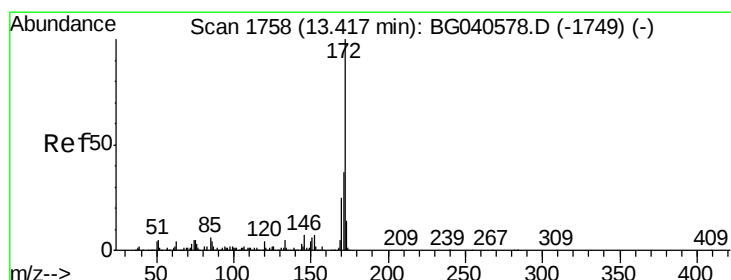
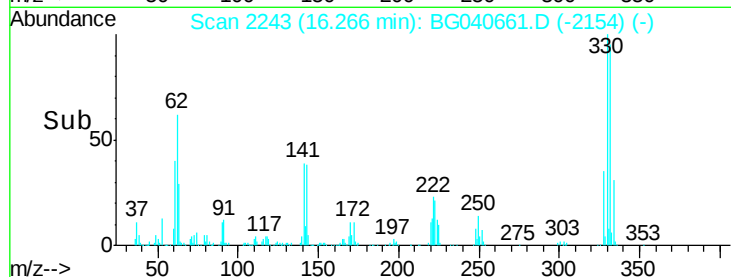
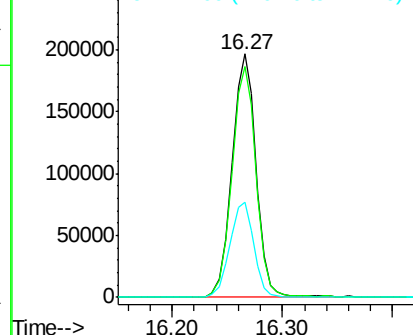
#42  
2,4,6-Tribromophenol  
Concen: 144.845 ng  
RT: 16.27 min Scan# 2243  
Delta R.T. -0.01 min  
Lab File: BG040661.D  
Acq: 29 Apr 2019 14:48

Instrument :  
BNA\_G  
ClientSampleId :  
PB119233BL

Tgt Ion:330 Resp: 300003  
Ion Ratio Lower Upper  
330 100  
332 95.0 75.9 113.9  
141 39.4 32.4 48.6

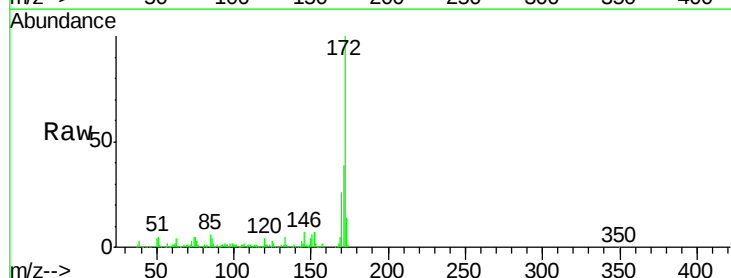


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

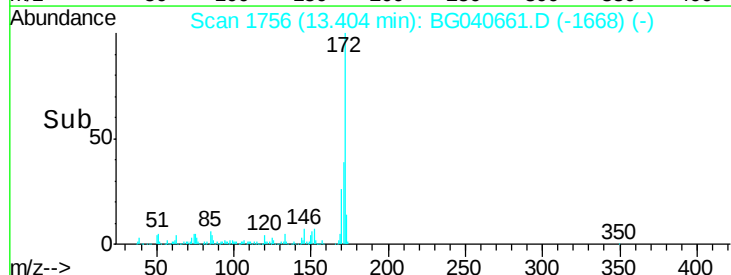
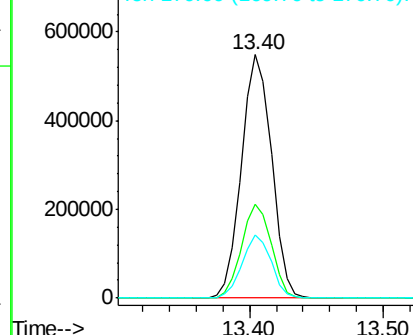


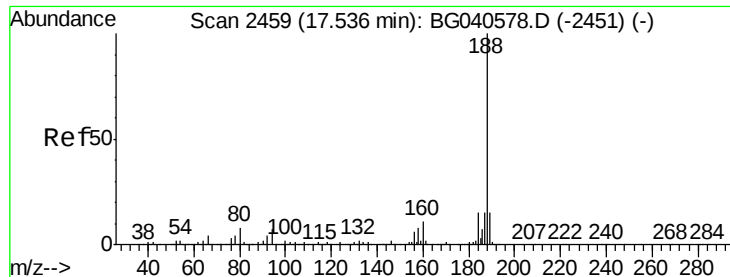
#45  
2-Fluorobiphenyl  
Concen: 82.116 ng  
RT: 13.40 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BG040661.D  
Acq: 29 Apr 2019 14:48

Tgt Ion:172 Resp: 856781  
Ion Ratio Lower Upper  
172 100  
171 38.7 29.4 44.2  
170 25.8 19.9 29.9



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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG040661.D

Acq: 29 Apr 2019 14:48

Instrument :

BNA\_G

ClientSampleId :

PB119233BL

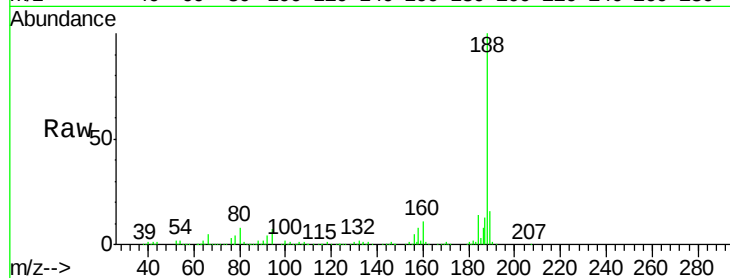
Tgt Ion:188 Resp: 423214

Ion Ratio Lower Upper

188 100

94 6.6 5.6 8.4

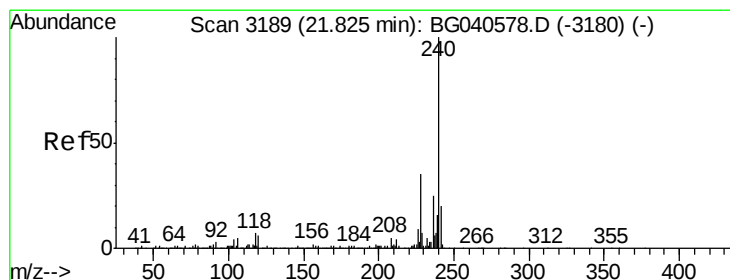
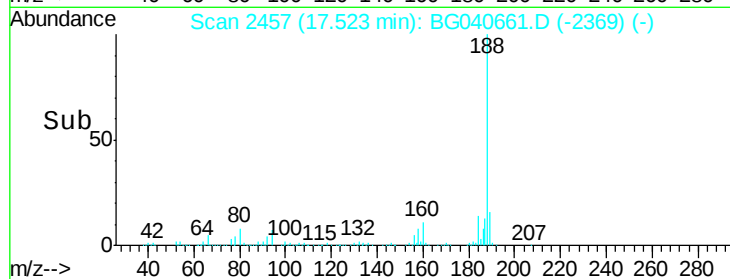
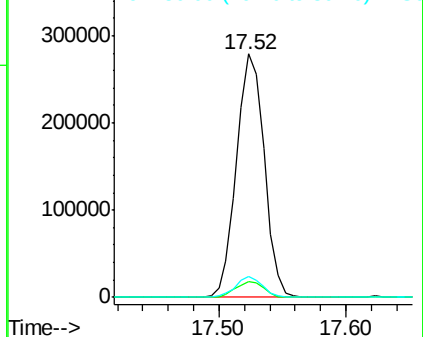
80 8.3 6.4 9.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040661.D

Acq: 29 Apr 2019 14:48

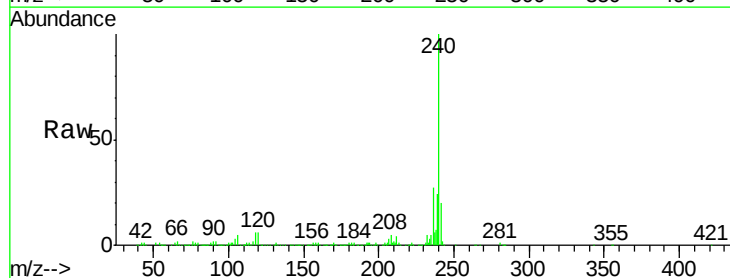
Tgt Ion:240 Resp: 433651

Ion Ratio Lower Upper

240 100

120 5.6 5.0 7.6

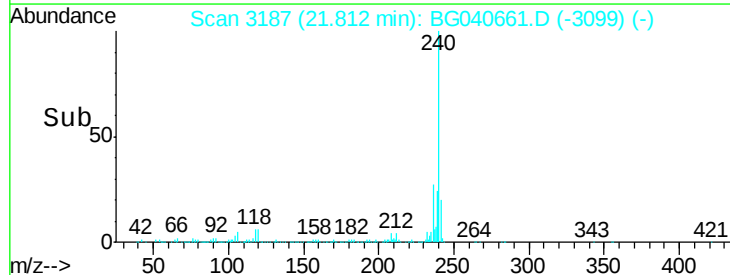
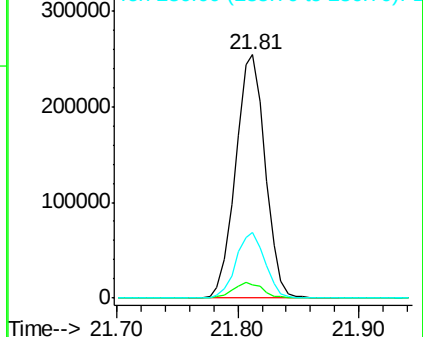
236 27.2 20.3 30.5

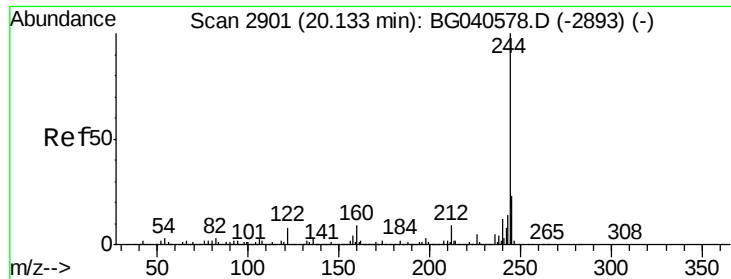


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.545 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040661.D

Acq: 29 Apr 2019 14:48

Instrument :

BNA\_G

ClientSampleId :

PB119233BL

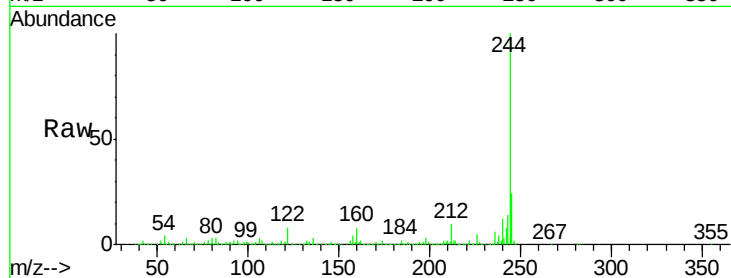
Tgt Ion:244 Resp: 1733189

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

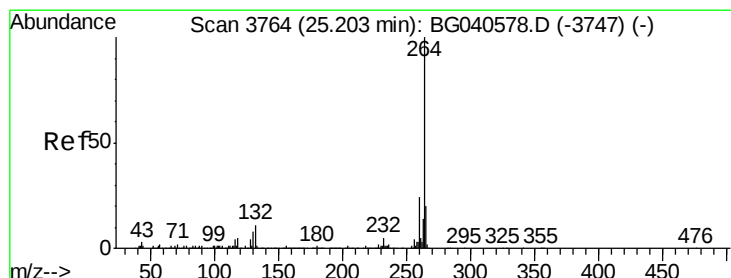
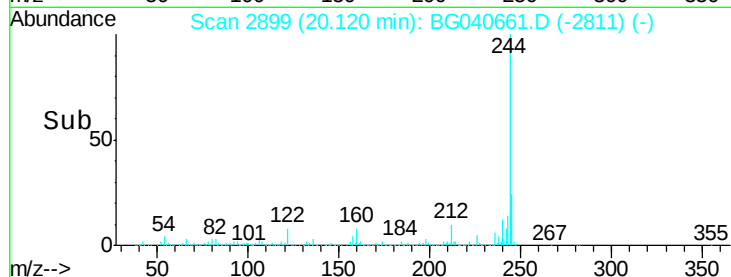
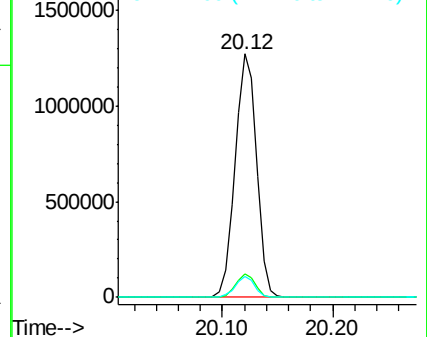
122 8.5 6.6 10.0



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: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG040661.D

Acq: 29 Apr 2019 14:48

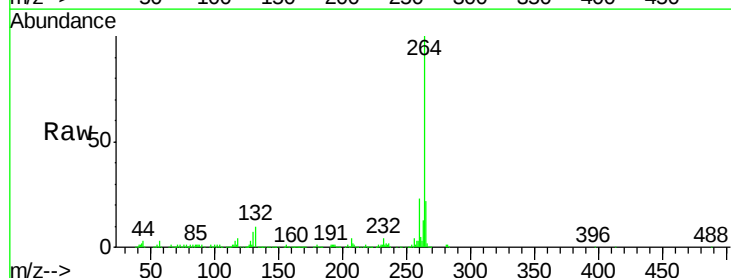
Tgt Ion:264 Resp: 465434

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.1 16.6 25.0



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

