

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\  
 Data File : BG039333.D  
 Acq On : 30 Jan 2019 18:32  
 Operator : JU/SJ  
 Sample : K1268-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 012819-TIPC-E-D-M

Quant Time: Jan 31 06:03:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

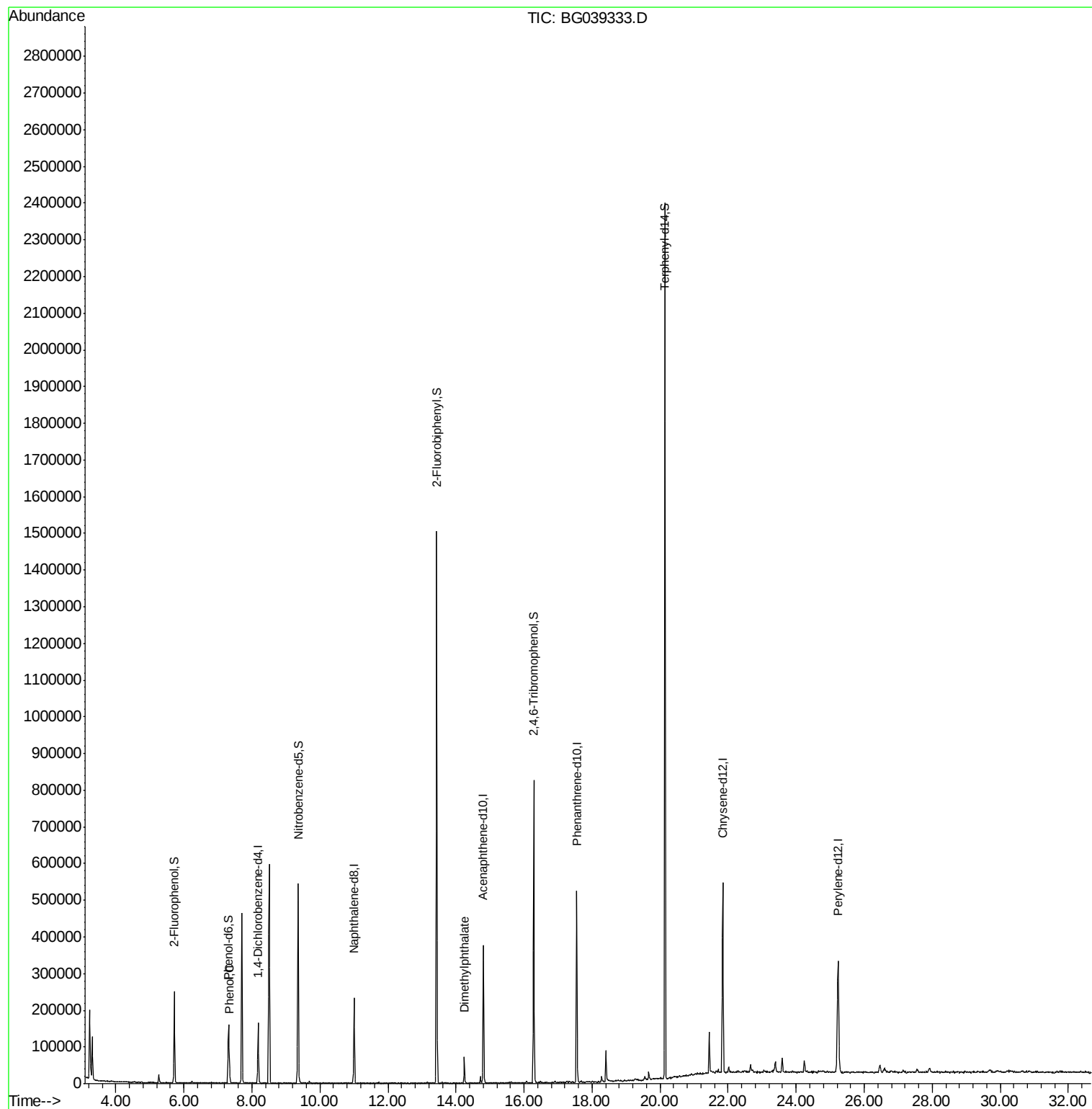
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.18  | 152  | 44772    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.00 | 136  | 192725   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.80 | 164  | 126864   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.55 | 188  | 310134   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.84 | 240  | 314834   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 25.23 | 264  | 322403   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.72  | 112  | 101947   | 38.97  | ng    | 0.00     |
| 7) Phenol-d6                | 7.31  | 99   | 87052    | 22.61  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.36  | 82   | 308856   | 100.12 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.28 | 330  | 132200   | 96.77  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.43 | 172  | 762706   | 86.25  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.14 | 244  | 1036755  | 69.70  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.34  | 94   | 30771    | 7.666  | ng    | 88       |
| 50) Dimethylphthalate       | 14.25 | 163  | 44831    | 4.375  | ng    | 98       |

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 29 15:41:51 2019  
Response via : Initial Calibration



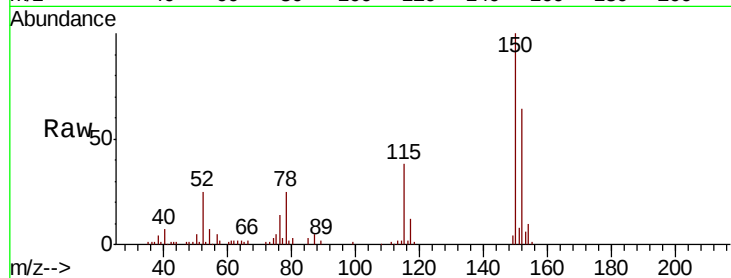


#1

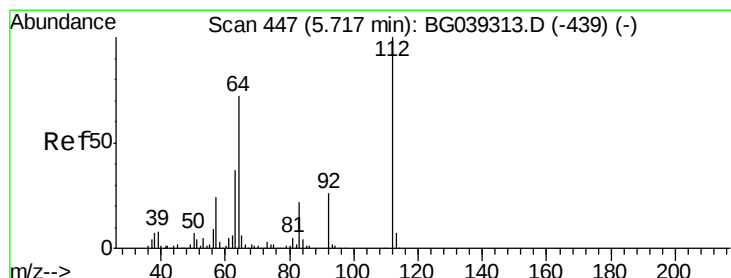
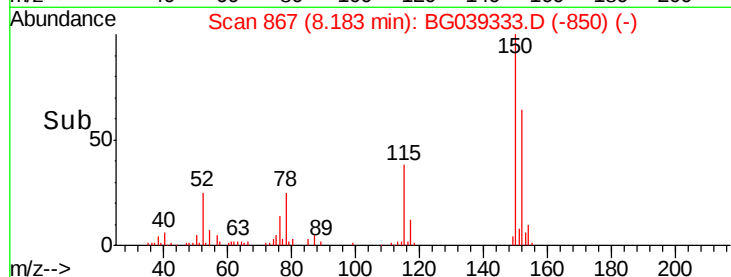
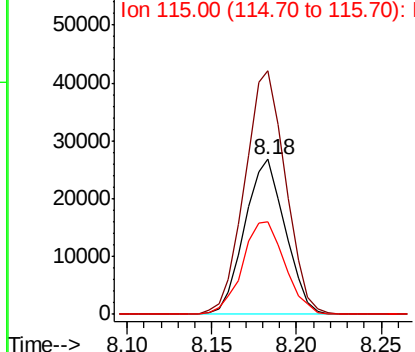
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.18 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

Instrument :  
BNA\_G  
ClientSampleId :  
012819-TIPC-E-D-M

Tot Ion:152 Resp: 44772  
Ion Ratio Lower Upper  
152 100  
150 156.8 123.7 185.5  
115 59.9 45.9 68.9



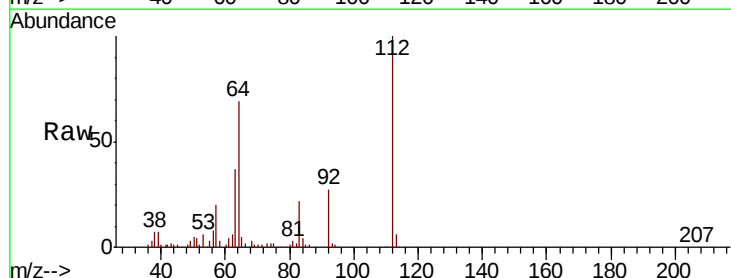
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



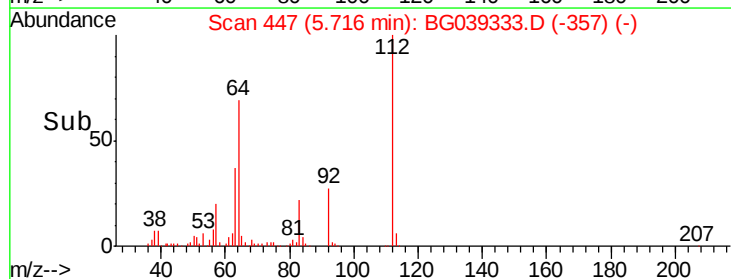
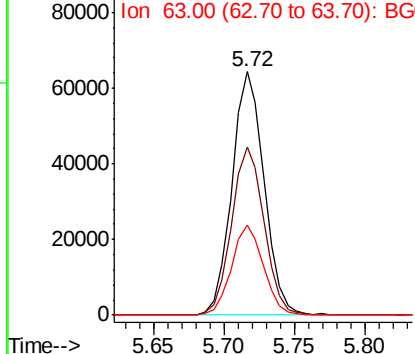
#5

2-Fluorophenol  
Concen: 38.971 ng  
RT: 5.72 min Scan# 447  
Delta R.T. -0.00 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

Tgt Ion:112 Resp: 101947  
Ion Ratio Lower Upper  
112 100  
64 69.2 57.8 86.8  
63 37.0 29.8 44.6



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: 22.607 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039333.D

Acq: 30 Jan 2019 18:32

Instrument :

BNA\_G

ClientSampleId :

012819-TIPC-E-D-M

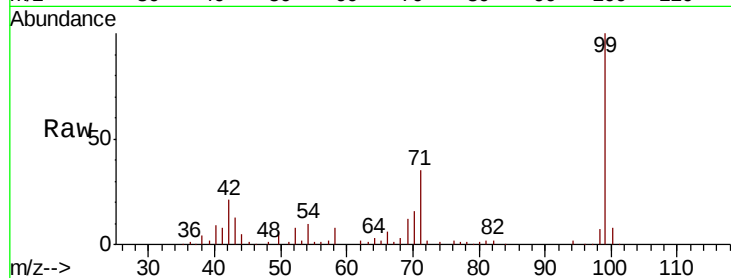
Tot Ion: 99 Resp: 87052

Ion Ratio Lower Upper

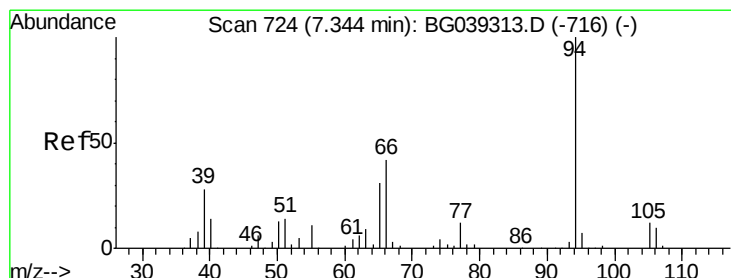
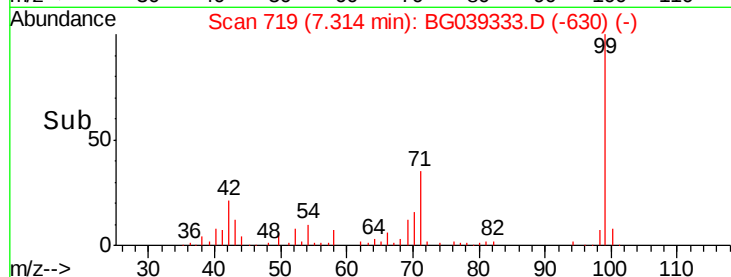
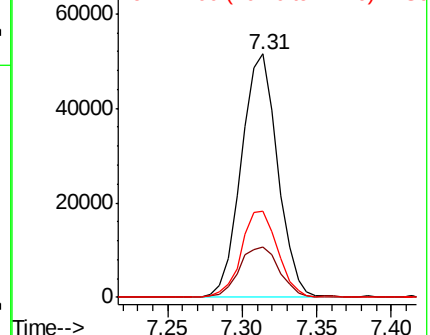
99 100

42 20.9 18.2 27.2

71 35.2 28.0 42.0



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: 7.666 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039333.D

Acq: 30 Jan 2019 18:32

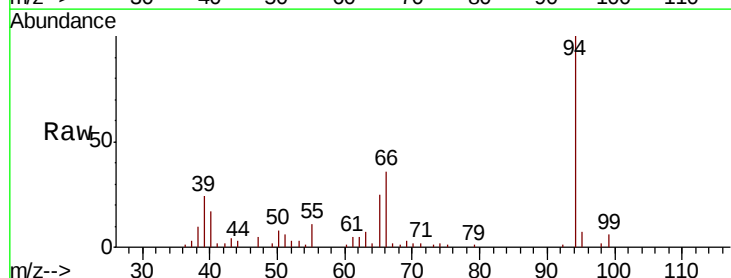
Tgt Ion: 94 Resp: 30771

Ion Ratio Lower Upper

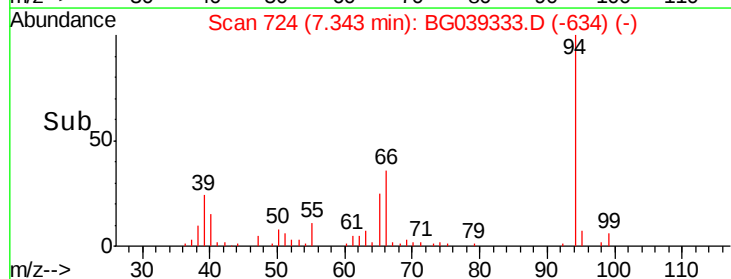
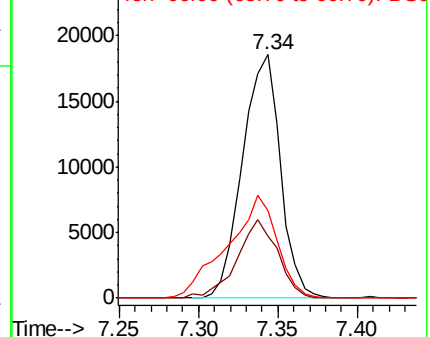
94 100

65 25.3 11.7 51.7

66 36.2 23.7 63.7



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

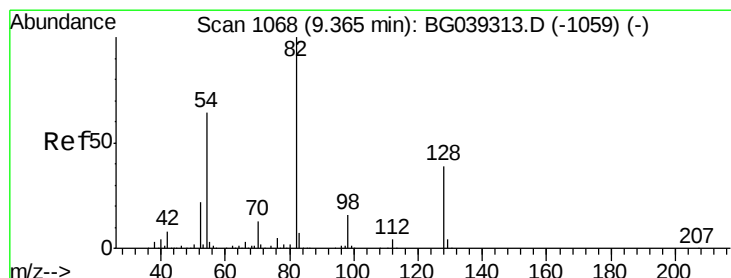
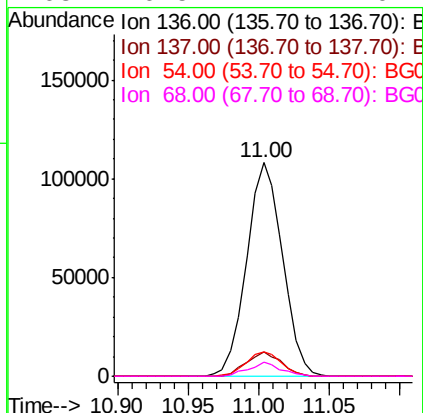
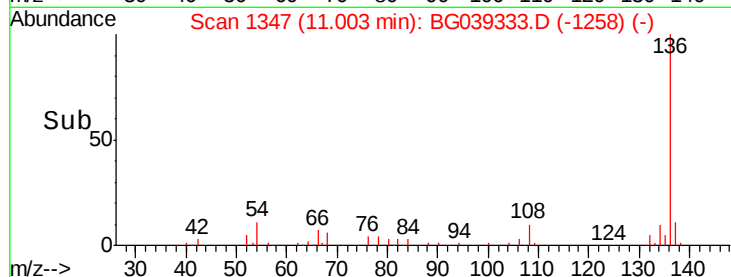
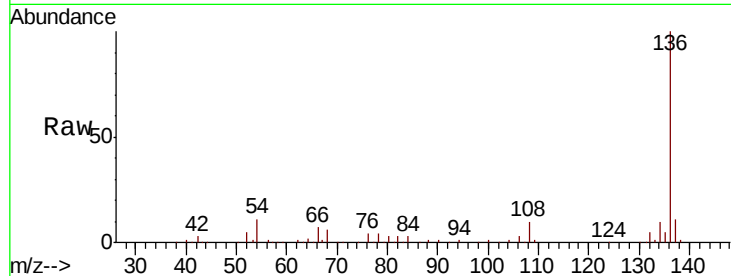




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.00 min Scan# 1347  
Delta R.T. -0.01 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

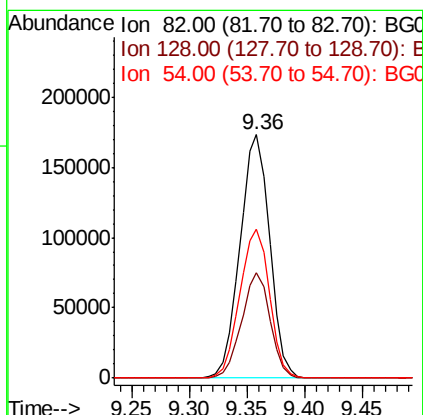
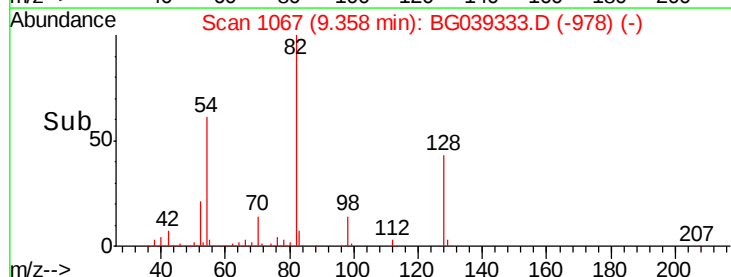
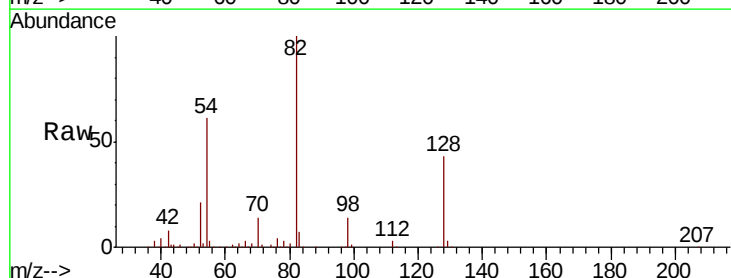
Instrument :  
BNA\_G  
ClientSampleId :  
012819-TIPC-E-D-M

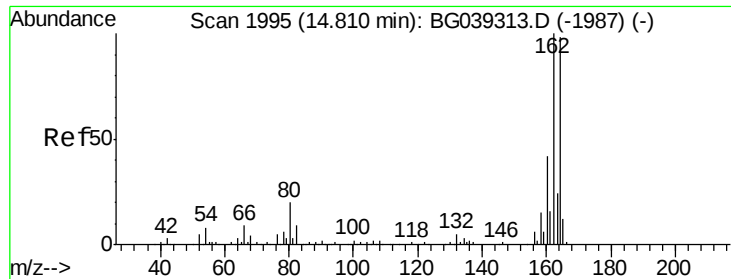
Tot Ion:136 Resp: 192725  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.1 13.7  
54 11.4 9.4 14.2  
68 6.5 4.2 6.4#



#23  
Nitrobenzene-d5  
Concen: 100.115 ng  
RT: 9.36 min Scan# 1067  
Delta R.T. -0.01 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

Tgt Ion: 82 Resp: 308856  
Ion Ratio Lower Upper  
82 100  
128 43.3 31.3 46.9  
54 61.1 50.9 76.3

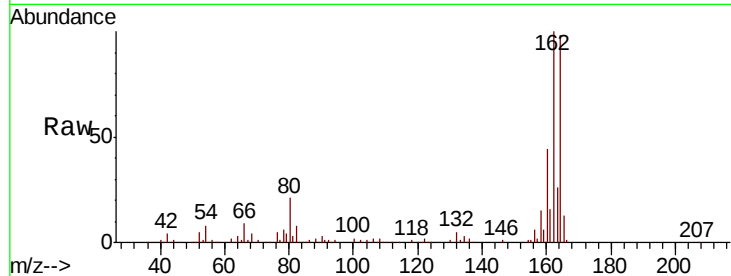




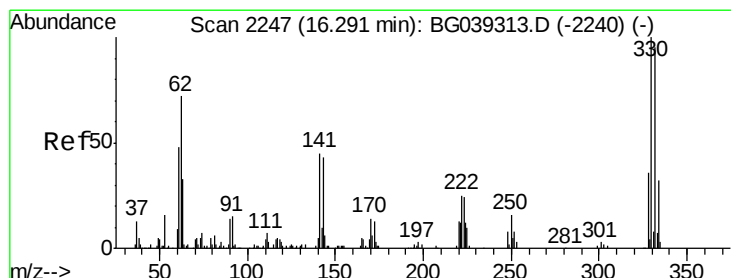
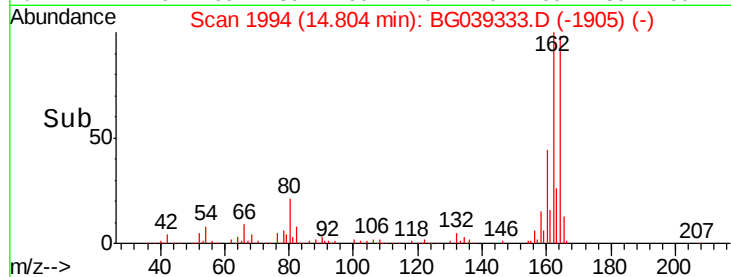
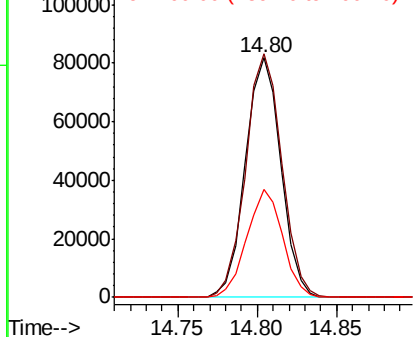
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.80 min Scan# 1994  
Delta R.T. -0.01 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

Instrument :  
BNA\_G  
ClientSampleId :  
012819-TIPC-E-D-M

Tot Ion:164 Resp: 126864  
Ion Ratio Lower Upper  
164 100  
162 101.8 81.6 122.4  
160 45.1 34.2 51.2

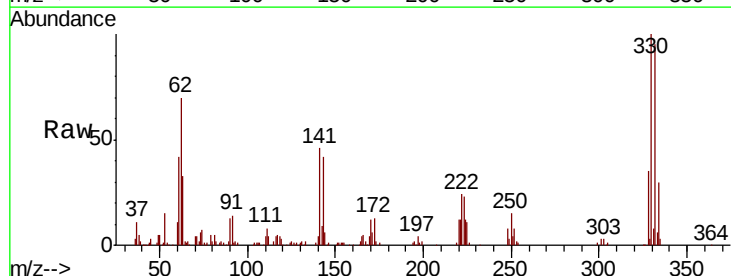


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

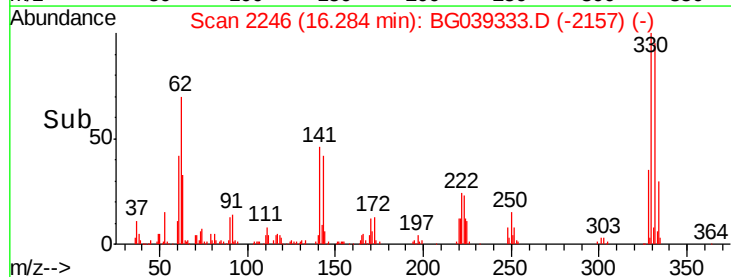
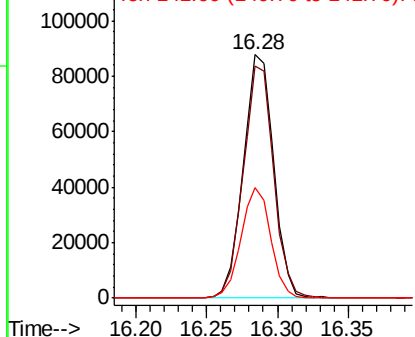


#42  
2,4,6-Tribromophenol  
Concen: 96.771 ng  
RT: 16.28 min Scan# 2246  
Delta R.T. -0.01 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

Tgt Ion:330 Resp: 132200  
Ion Ratio Lower Upper  
330 100  
332 95.6 75.7 113.5  
141 44.1 35.6 53.4



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

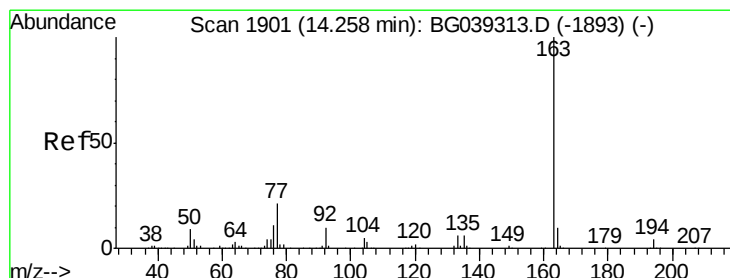
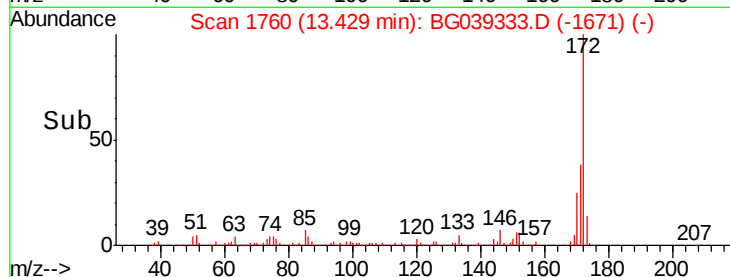
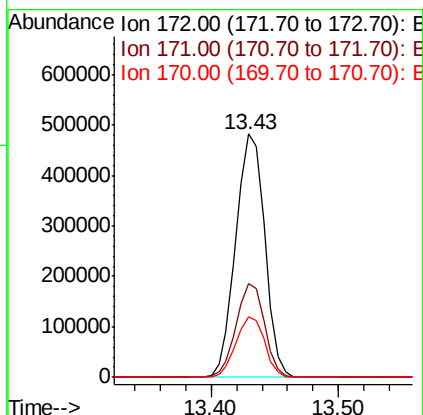
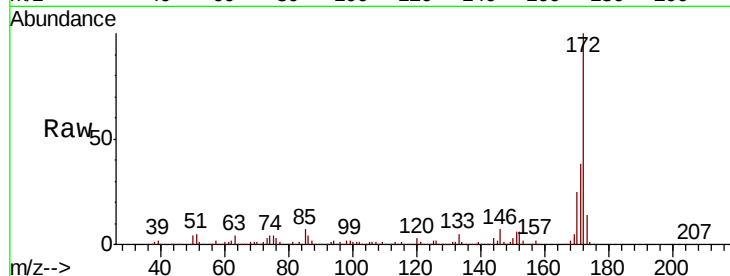




#45  
2-Fluorobiphenyl  
Concen: 86.245 ng  
RT: 13.43 min Scan# 1760  
Delta R.T. -0.01 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

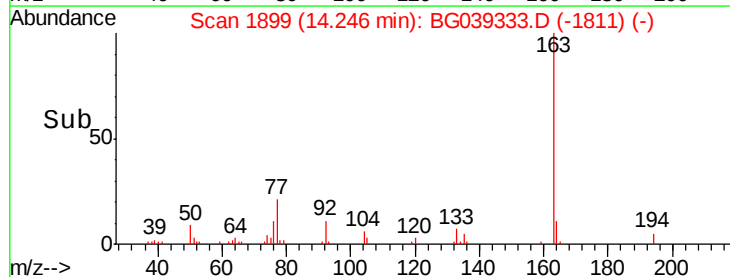
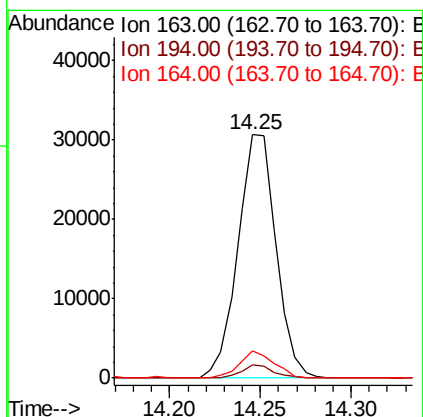
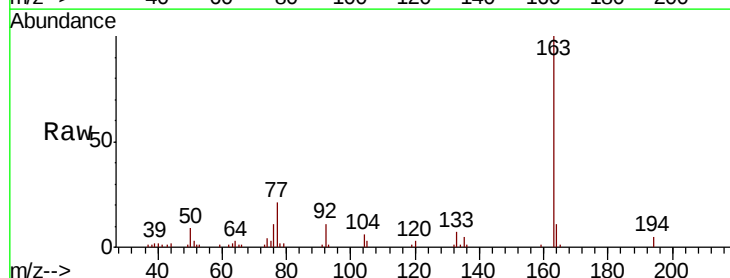
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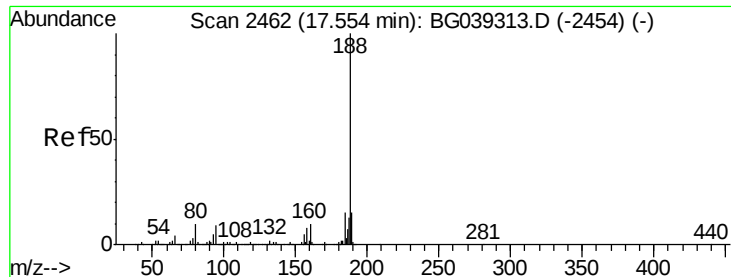
Tot Ion:172 Resp: 762706  
Ion Ratio Lower Upper  
172 100  
171 38.5 30.8 46.2  
170 25.0 20.2 30.4



#50  
Dimethylphthalate  
Concen: 4.375 ng  
RT: 14.25 min Scan# 1899  
Delta R.T. -0.01 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

Tgt Ion:163 Resp: 44831  
Ion Ratio Lower Upper  
163 100  
194 5.3 3.6 5.4  
164 11.0 8.4 12.6

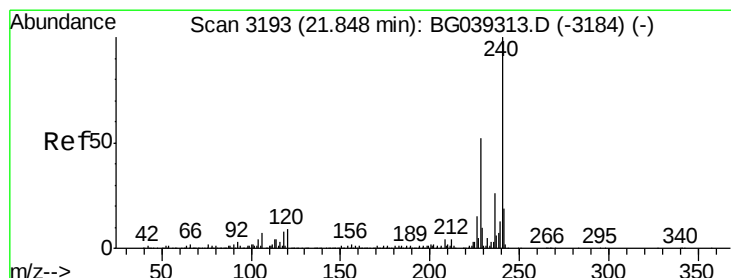
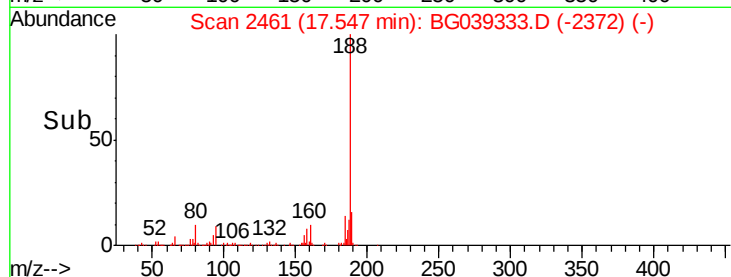
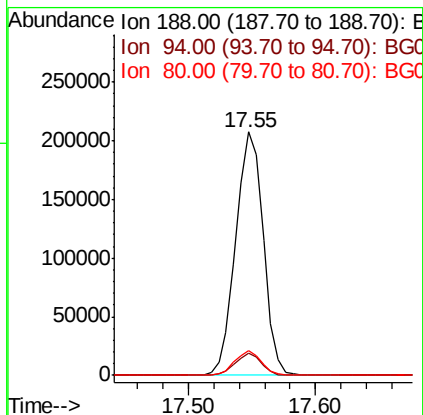
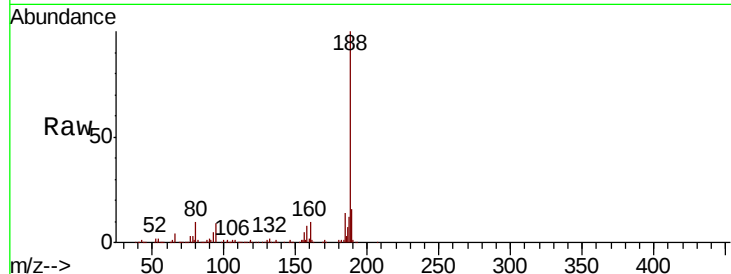




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.55 min Scan# 2461  
Delta R.T. -0.01 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

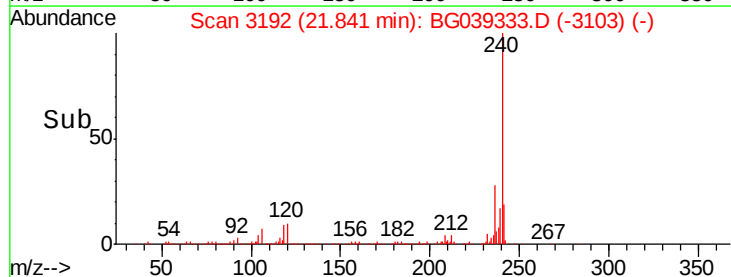
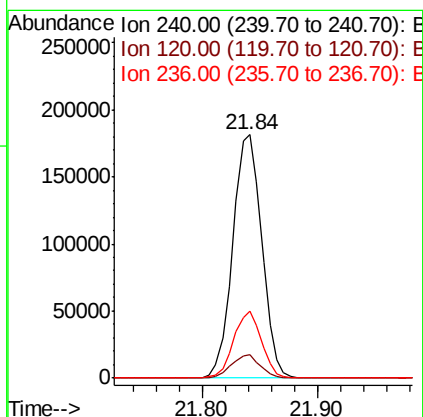
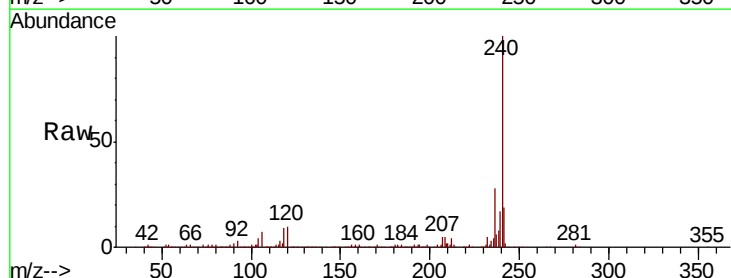
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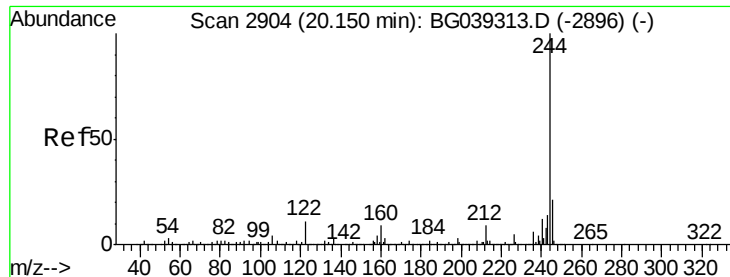
Tot Ion:188 Resp: 310134  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.9 10.3  
80 10.4 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.84 min Scan# 3192  
Delta R.T. -0.01 min  
Lab File: BG039333.D  
Acq: 30 Jan 2019 18:32

Tgt Ion:240 Resp: 314834  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.0 10.6  
236 27.6 21.0 31.4





#79

Terphenyl-d14

Concen: 69.703 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039333.D

Acq: 30 Jan 2019 18:32

Instrument :

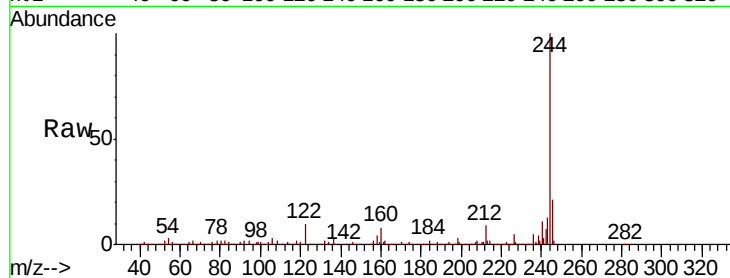
BNA\_G

ClientSampleId :

012819-TIPC-E-D-M

Tot Ion:244 Resp: 1036755

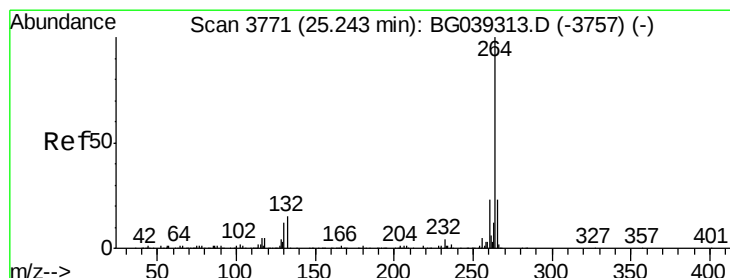
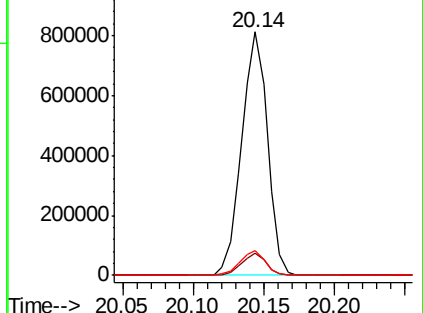
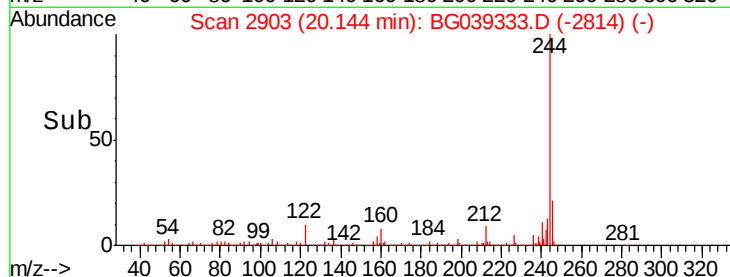
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.0   | 7.3   | 10.9  |
| 122 | 9.9   | 8.4   | 12.6  |



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: 25.23 min Scan# 3769

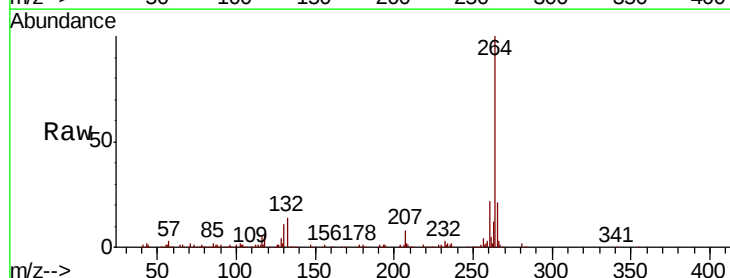
Delta R.T. -0.01 min

Lab File: BG039333.D

Acq: 30 Jan 2019 18:32

Tgt Ion:264 Resp: 322403

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.1  | 18.2  | 27.4  |
| 265 | 21.1  | 18.5  | 27.7  |



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

