

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\  
 Data File : BG037719.D  
 Acq On : 1 Nov 2018 15:16  
 Operator : JU/SJ  
 Sample : J5741-03  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1

Quant Time: Nov 02 07:20:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

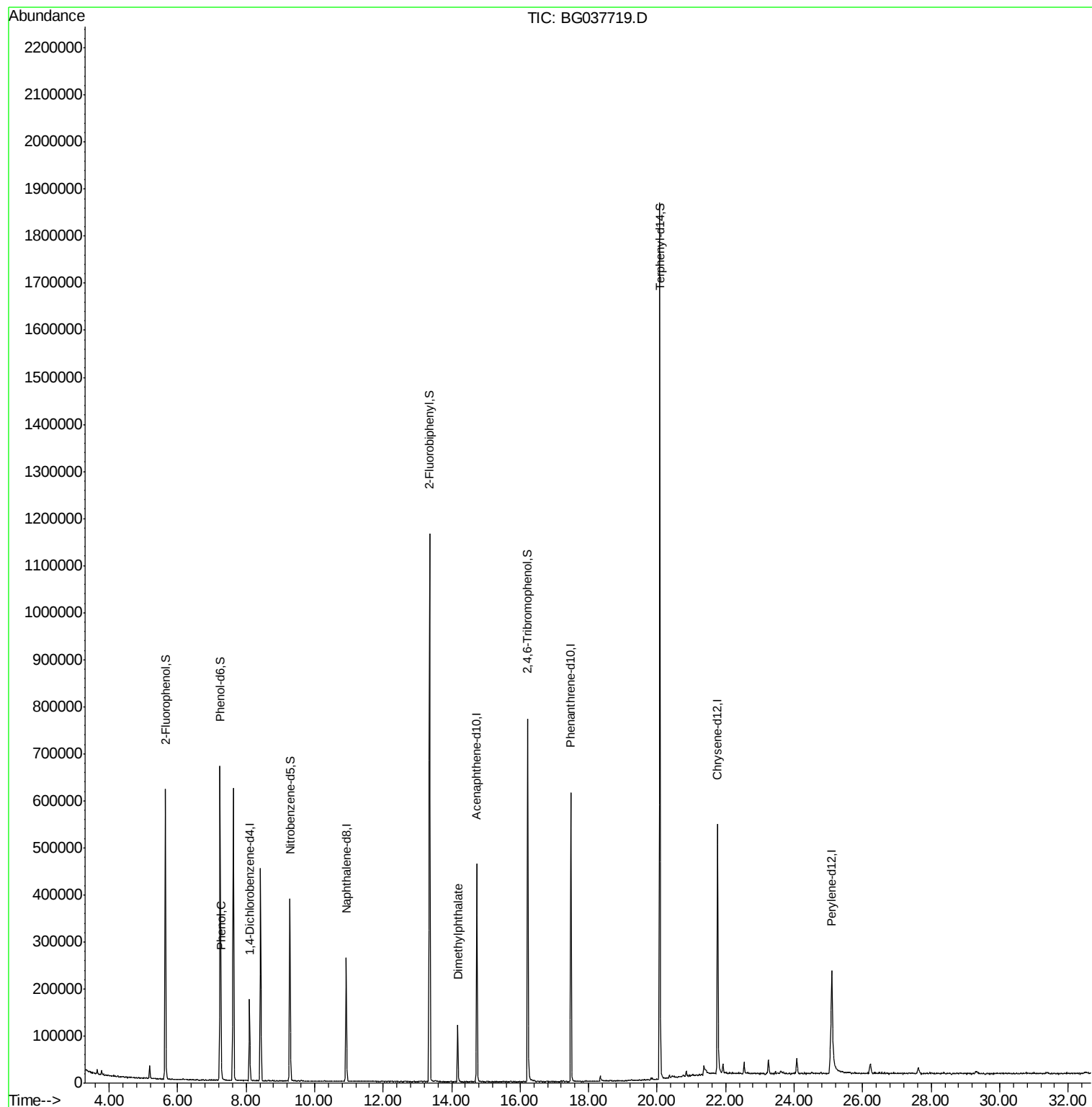
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.10  | 152  | 53182    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.92 | 136  | 240329   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.74 | 164  | 165022   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.48 | 188  | 395324   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.76 | 240  | 353114   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12            | 25.10 | 264  | 297292   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.64  | 112  | 286016   | 89.91 | ng    | 0.00     |
| 7) Phenol-d6                | 7.24  | 99   | 437080   | 90.87 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.28  | 82   | 253210   | 59.02 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330  | 148124   | 82.30 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.35 | 172  | 644488   | 58.89 | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.08 | 244  | 981923   | 59.42 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 7.27  | 94   | 25753    | 5.074 | ng    | 94       |
| 50) Dimethylphthalate       | 14.18 | 163  | 90505    | 7.089 | ng    | 99       |

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

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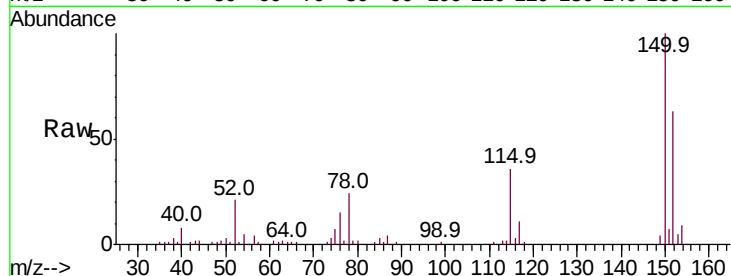


#1

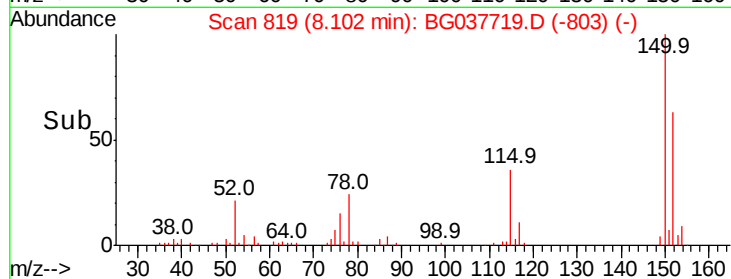
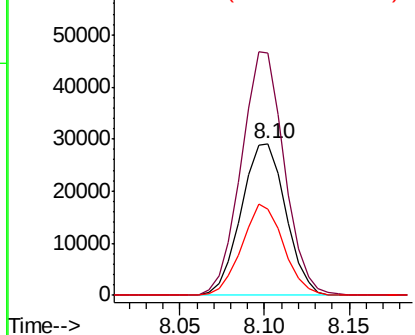
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.10 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: BG037719.D  
Acq: 1 Nov 2018 15:16

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

Tot Ion:152 Resp: 53182  
Ion Ratio Lower Upper  
152 100  
150 159.5 126.0 189.0  
115 56.8 45.5 68.3



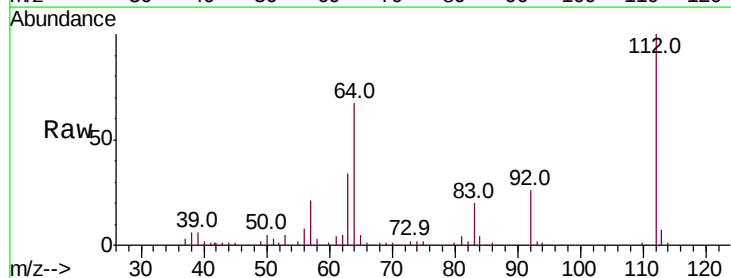
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



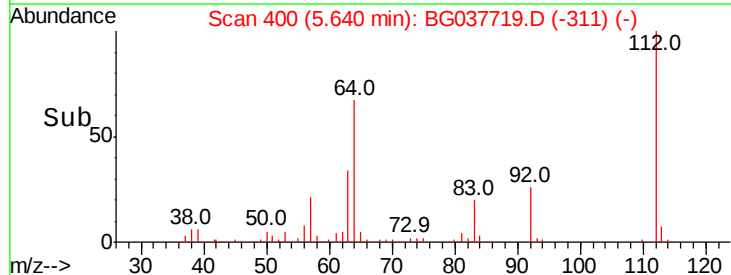
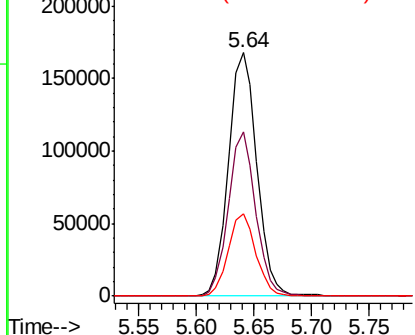
#5

2-Fluorophenol  
Concen: 89.913 ng  
RT: 5.64 min Scan# 400  
Delta R.T. -0.01 min  
Lab File: BG037719.D  
Acq: 1 Nov 2018 15:16

Tgt Ion:112 Resp: 286016  
Ion Ratio Lower Upper  
112 100  
64 67.4 53.1 79.7  
63 33.9 27.3 40.9



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: 90.867 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037719.D

Acq: 1 Nov 2018 15:16

Instrument :

BNA\_G

ClientSampleId :

TP-1

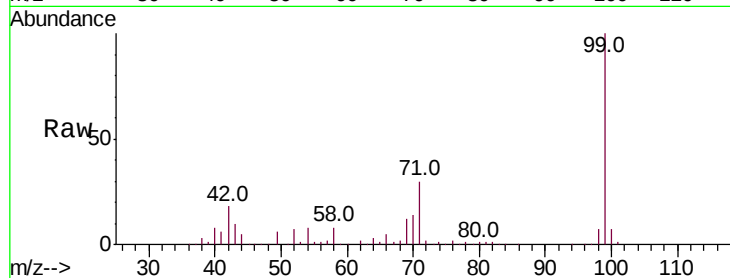
Tot Ion: 99 Resp: 437080

Ion Ratio Lower Upper

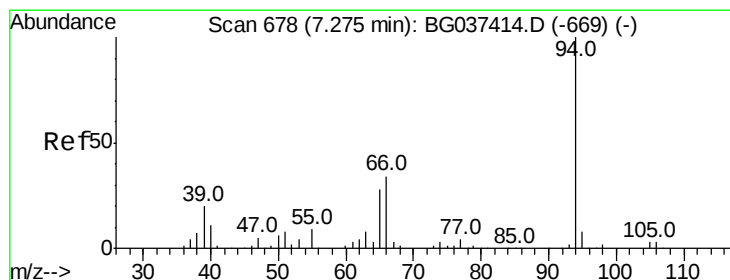
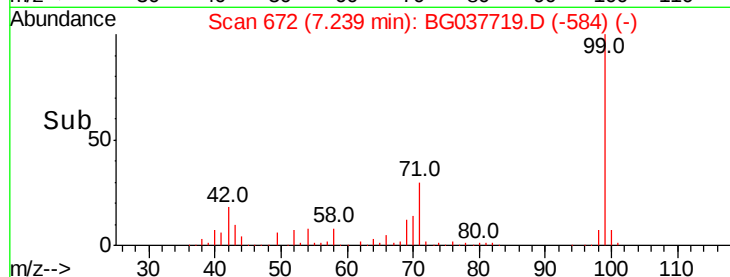
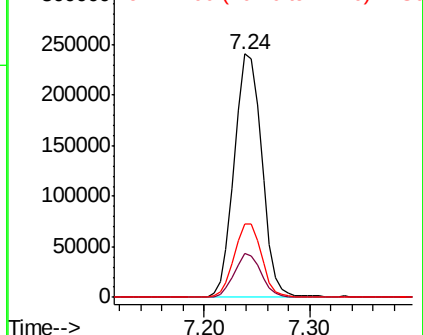
99 100

42 18.1 15.0 22.4

71 30.0 25.5 38.3



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: 5.074 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037719.D

Acq: 1 Nov 2018 15:16

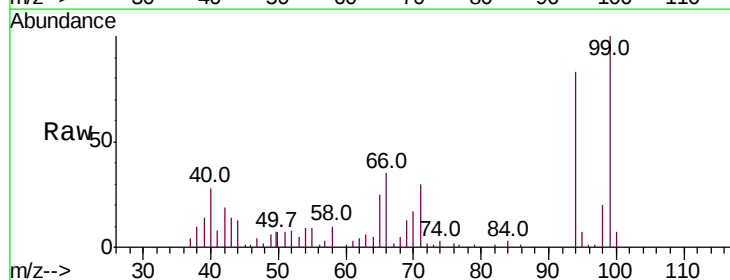
Tgt Ion: 94 Resp: 25753

Ion Ratio Lower Upper

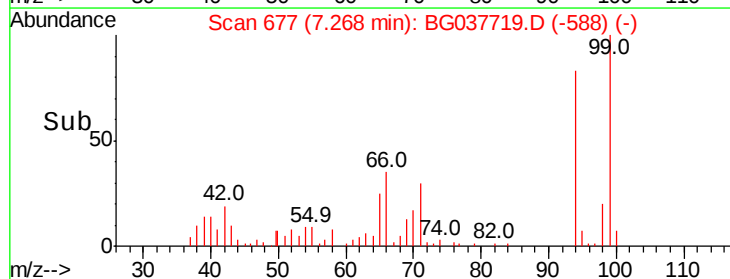
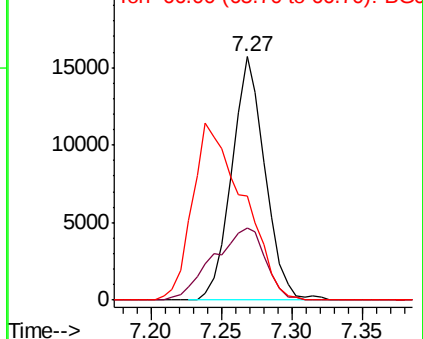
94 100

65 29.5 9.7 49.7

66 42.5 15.9 55.9



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

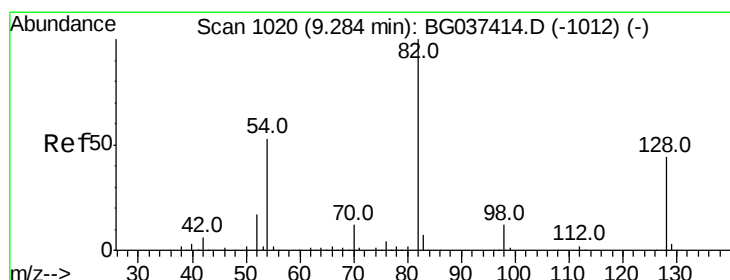
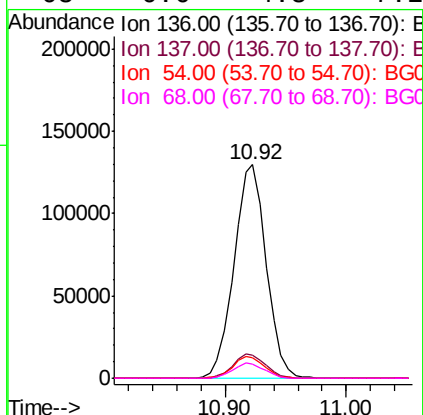
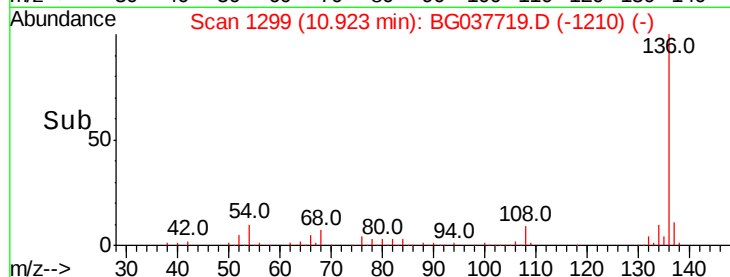
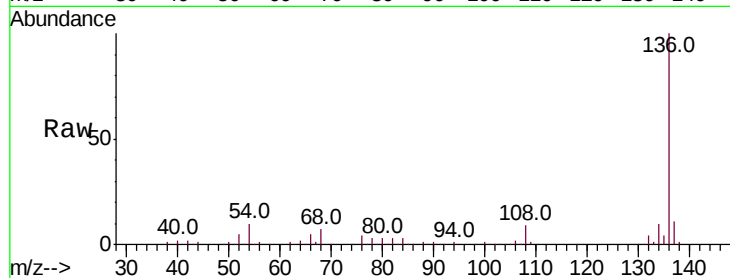




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.92 min Scan# 1299  
Delta R.T. -0.01 min  
Lab File: BG037719.D  
Acq: 1 Nov 2018 15:16

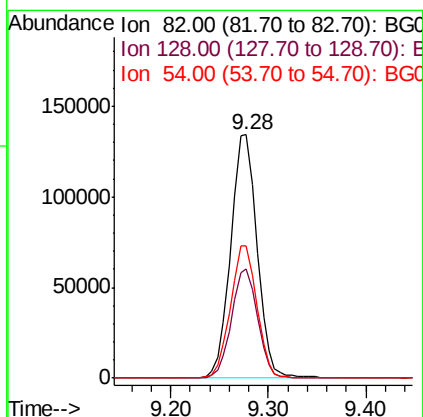
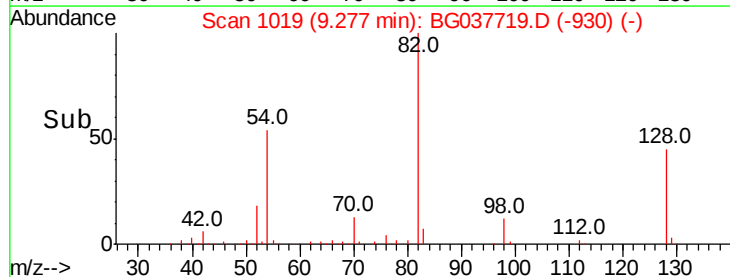
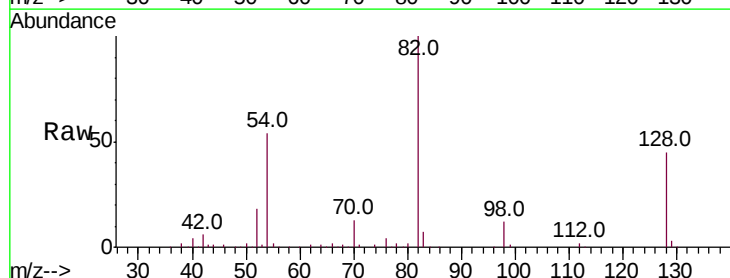
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

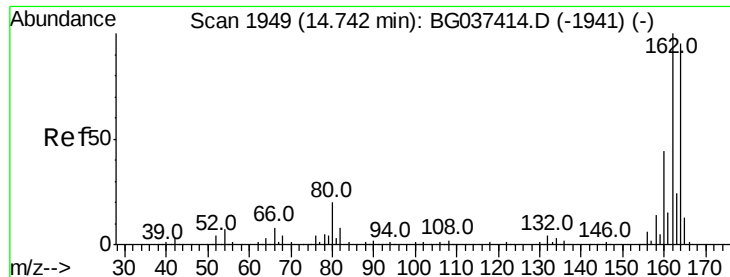
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 240329 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.6   | 14.4   |
| 54       | 9.8   | 7.9   | 11.9   |
| 68       | 6.6   | 4.8   | 7.2    |



#23  
Nitrobenzene-d5  
Concen: 59.021 ng  
RT: 9.28 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BG037719.D  
Acq: 1 Nov 2018 15:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 253210 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 44.9  | 34.6  | 51.8   |
| 54       | 54.1  | 45.3  | 67.9   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037719.D

Acq: 1 Nov 2018 15:16

Instrument :

BNA\_G

ClientSampled :

TP-1

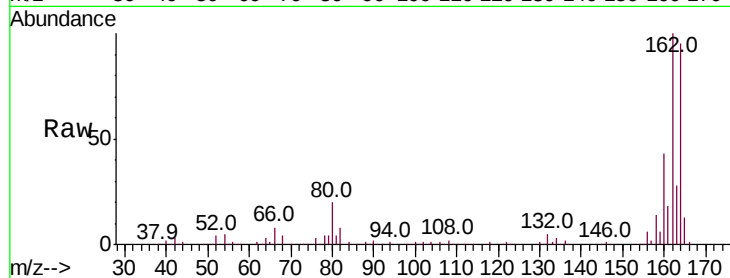
Tot Ion:164 Resp: 165022

Ion Ratio Lower Upper

164 100

162 105.8 81.3 121.9

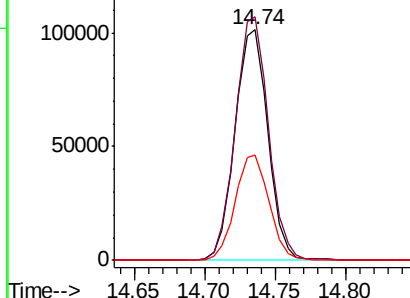
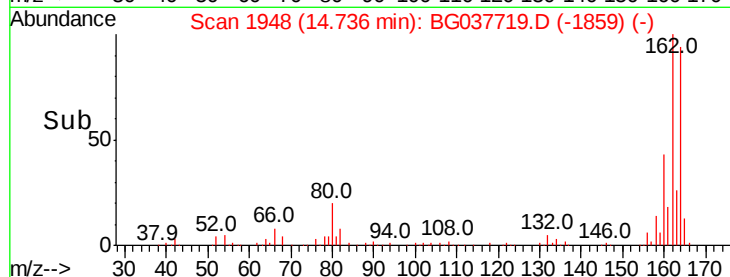
160 45.9 36.3 54.5



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: 82.297 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037719.D

Acq: 1 Nov 2018 15:16

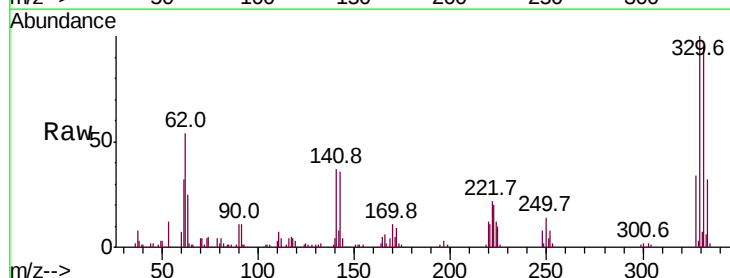
Tgt Ion:330 Resp: 148124

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

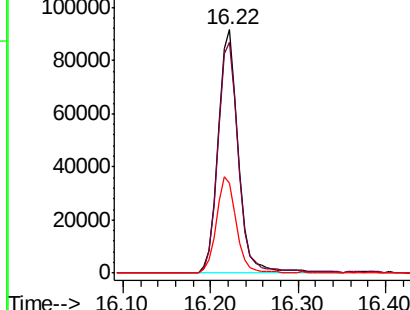
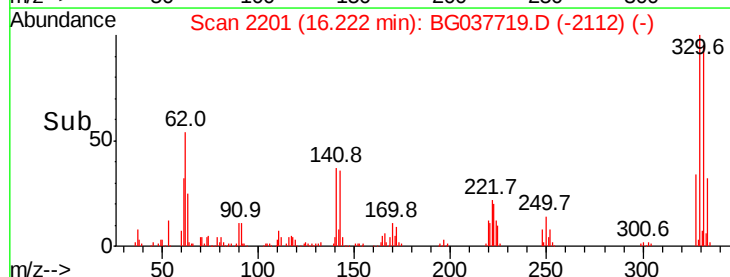
141 38.9 32.2 48.2



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

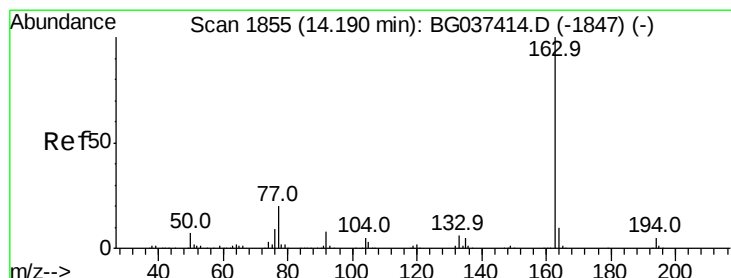
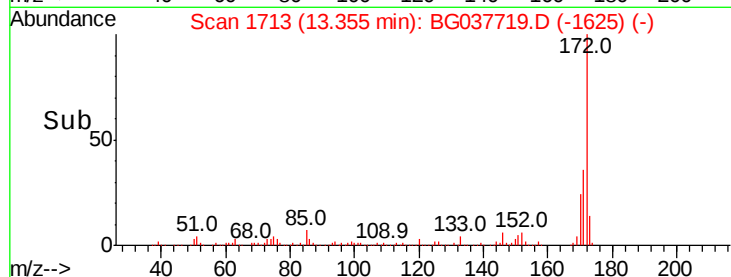
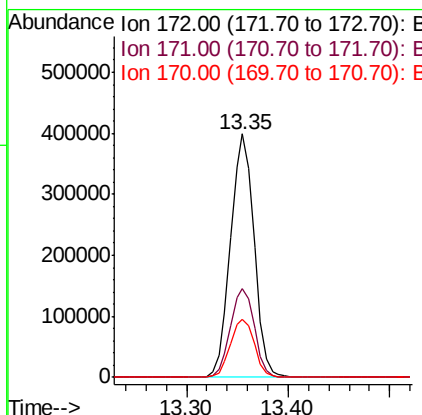
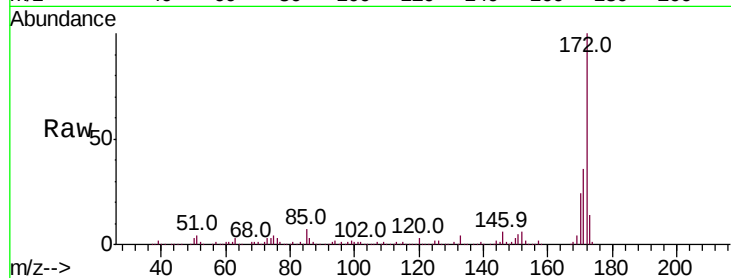




#45  
2-Fluorobiphenyl  
Concen: 58.892 ng  
RT: 13.35 min Scan# 1713  
Delta R.T. -0.01 min  
Lab File: BG037719.D  
Acq: 1 Nov 2018 15:16

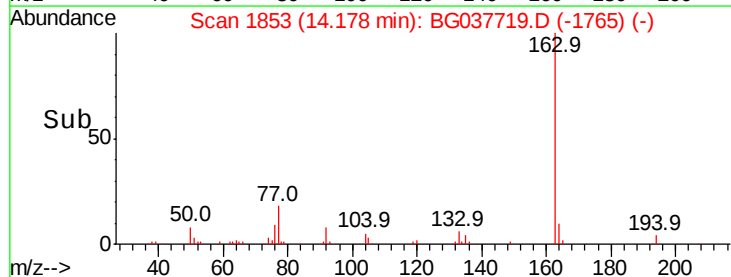
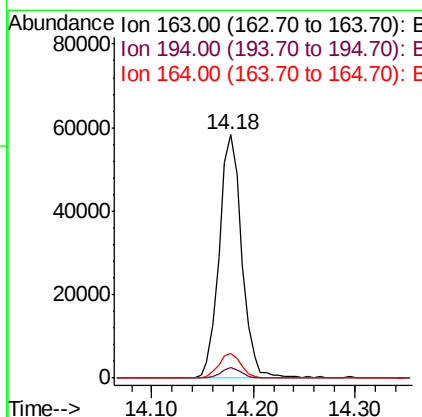
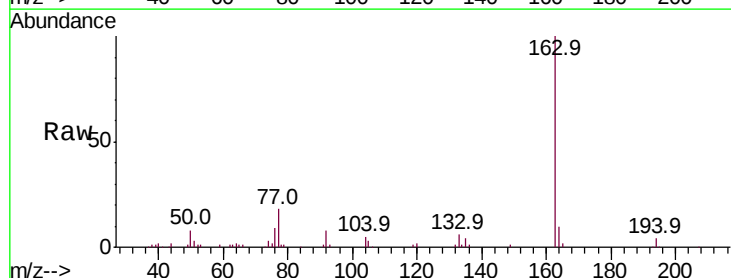
Instrument :  
BNA\_G  
ClientSampled :  
TP-1

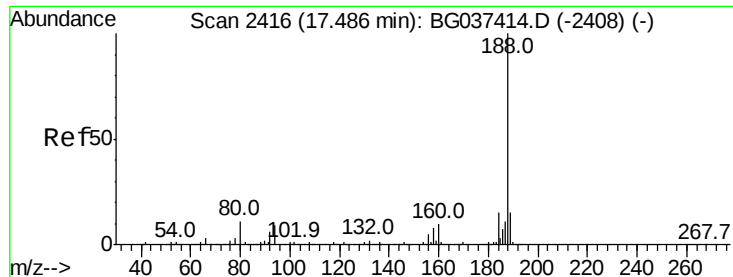
Tot Ion:172 Resp: 644488  
Ion Ratio Lower Upper  
172 100  
171 36.5 31.0 46.4  
170 23.9 20.2 30.2



#50  
Dimethylphthalate  
Concen: 7.089 ng  
RT: 14.18 min Scan# 1853  
Delta R.T. -0.01 min  
Lab File: BG037719.D  
Acq: 1 Nov 2018 15:16

Tgt Ion:163 Resp: 90505  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.5 5.3  
164 10.1 8.5 12.7

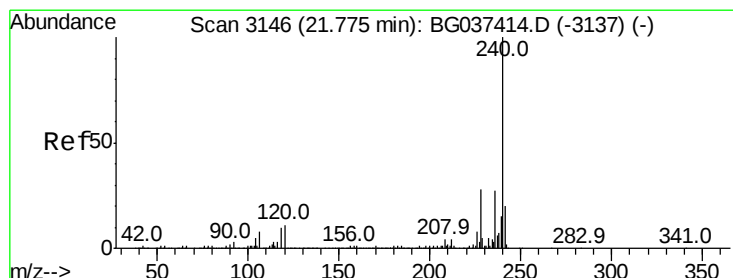
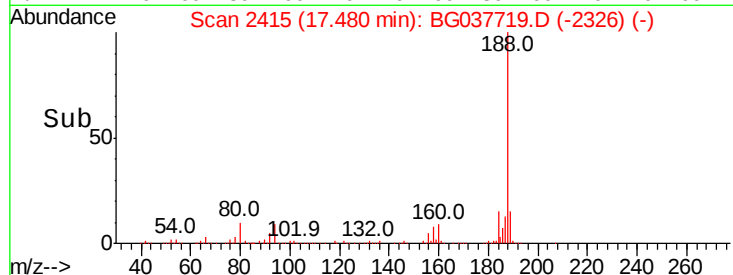
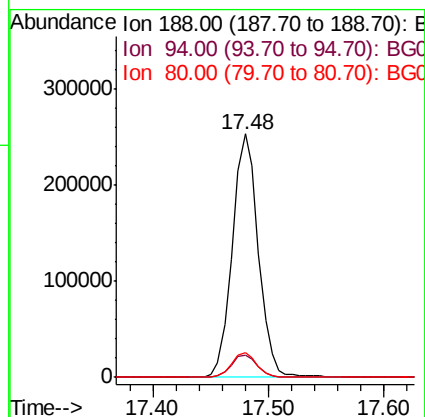
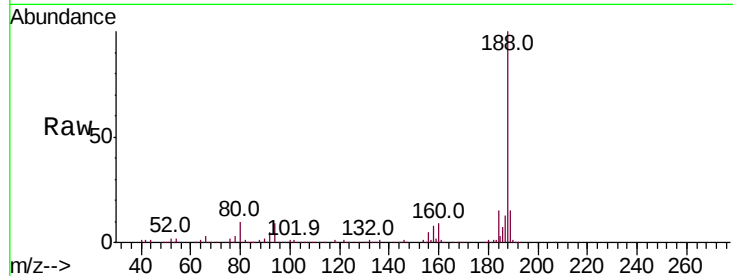




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BG037719.D  
Acq: 1 Nov 2018 15:16

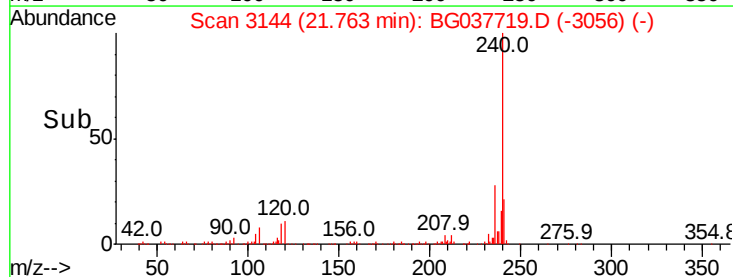
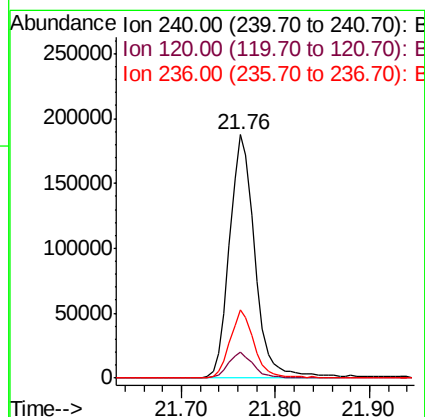
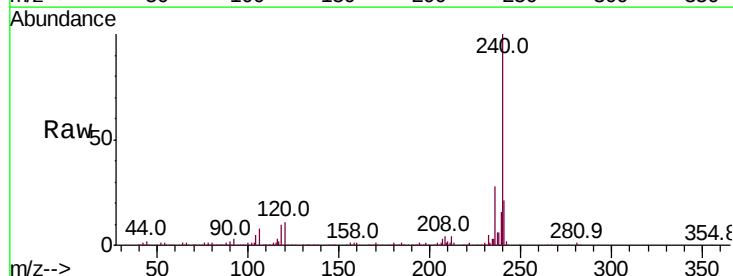
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

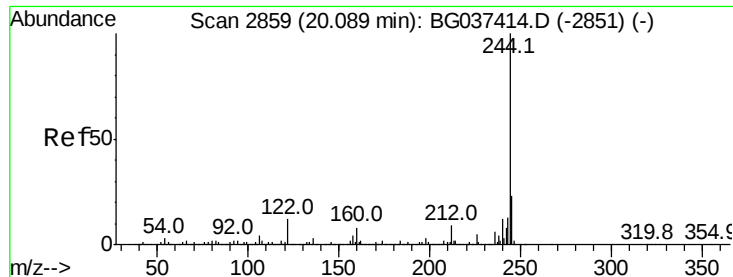
Tot Ion:188 Resp: 395324  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.2 10.8  
80 10.3 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.76 min Scan# 3144  
Delta R.T. -0.01 min  
Lab File: BG037719.D  
Acq: 1 Nov 2018 15:16

Tgt Ion:240 Resp: 353114  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.1 12.1  
236 27.9 21.4 32.0





#79

Terphenyl-d14

Concen: 59.418 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037719.D

Acq: 1 Nov 2018 15:16

Instrument :

BNA\_G

ClientSampleId :

TP-1

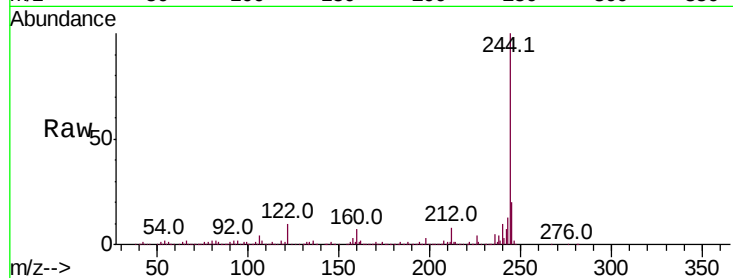
Tot Ion:244 Resp: 981923

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

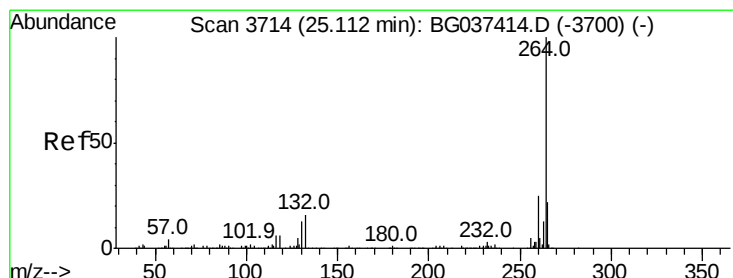
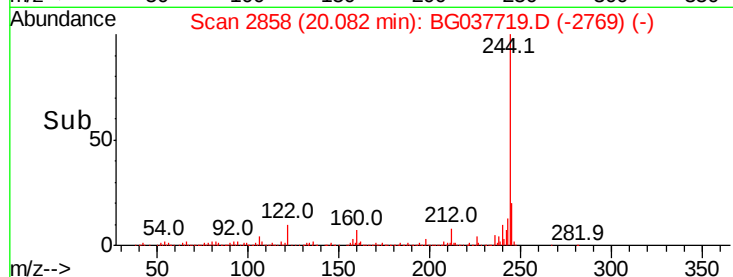
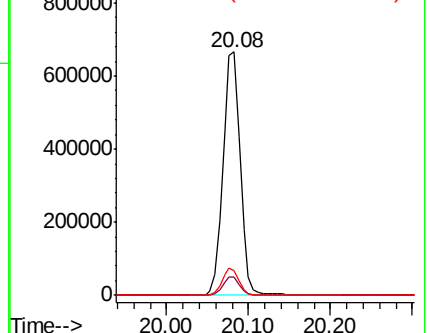
122 10.0 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037719.D

Acq: 1 Nov 2018 15:16

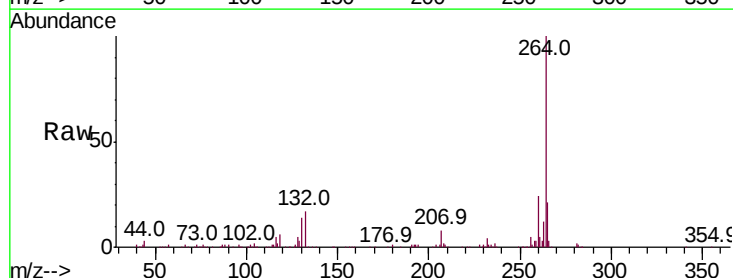
Tgt Ion:264 Resp: 297292

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 21.4 17.9 26.9



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

