

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\  
 Data File : BG033020.D  
 Acq On : 6 Mar 2018 13:43  
 Operator : SJ/JU  
 Sample : J1794-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 030118-JETT-F-U-M

Quant Time: Mar 06 17:52:11 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 06 17:38:59 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.91  | 152  | 57595    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.80 | 136  | 257405   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 15.52 | 164  | 154038   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 18.26 | 188  | 358601   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 22.61 | 240  | 333952   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 26.41 | 264  | 332761   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.32  | 112  | 145335   | 40.37  | ng    | 0.00     |
| 7) Phenol-d6                | 8.00  | 99   | 122108   | 24.33  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 10.11 | 82   | 413362   | 108.36 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 17.00 | 330  | 151889   | 93.78  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 14.16 | 172  | 911857   | 85.38  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.77 | 244  | 1265482  | 85.14  | ng    | 0.00     |

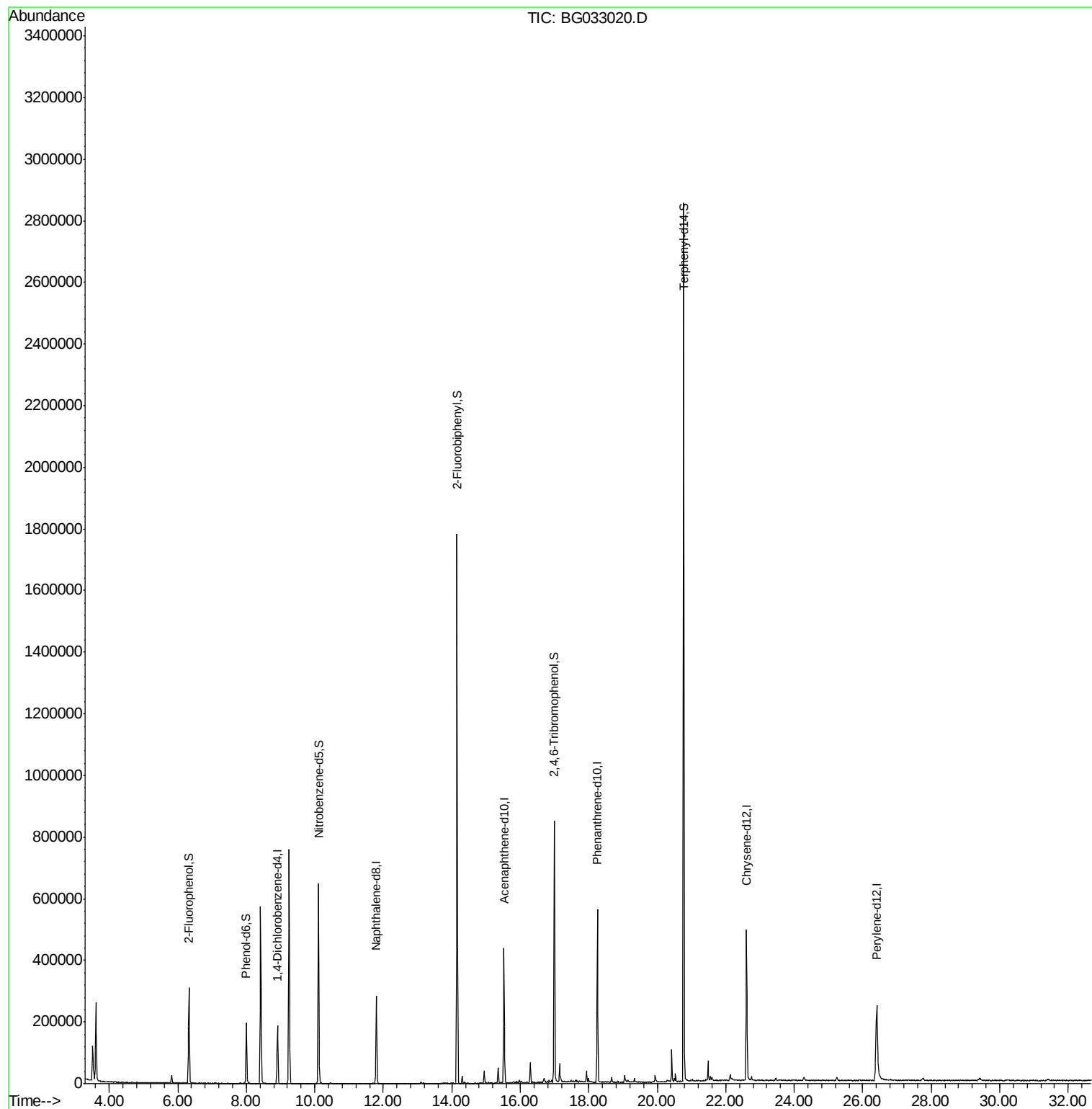
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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

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QLast Update : Tue Mar 06 17:38:59 2018  
Response via : Initial Calibration



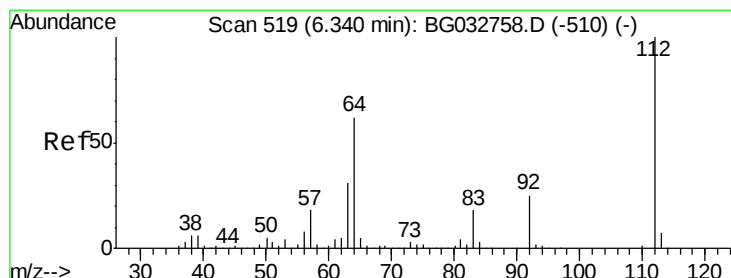
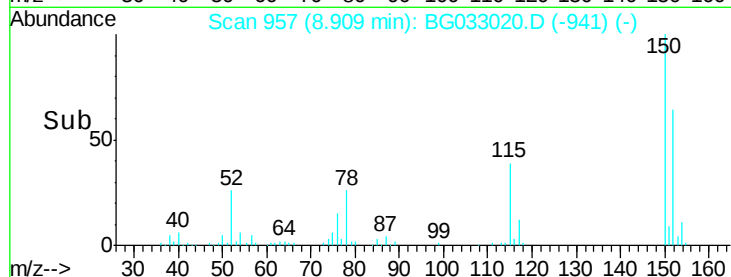
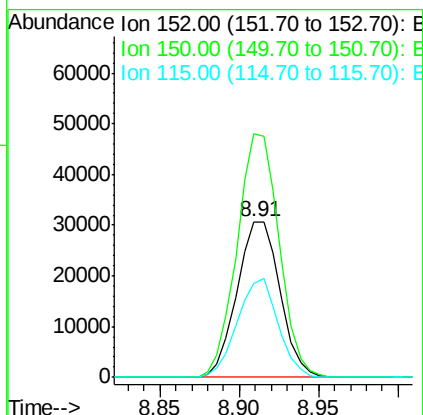
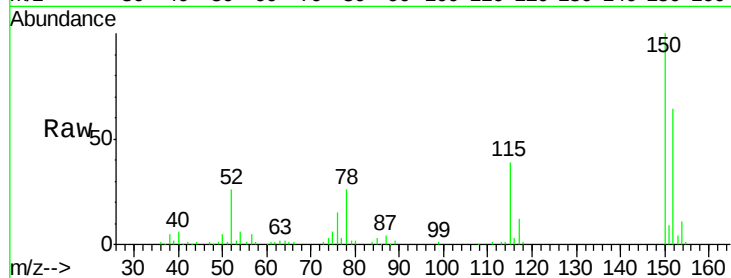


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.91 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: BG033020.D  
Acq: 6 Mar 2018 13:43

Instrument :  
BNA\_G  
ClientSampleId :  
030118-JETT-F-U-M

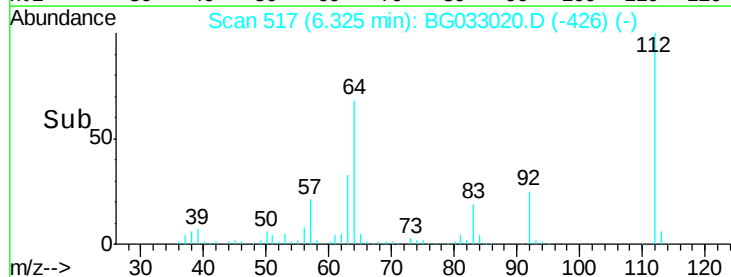
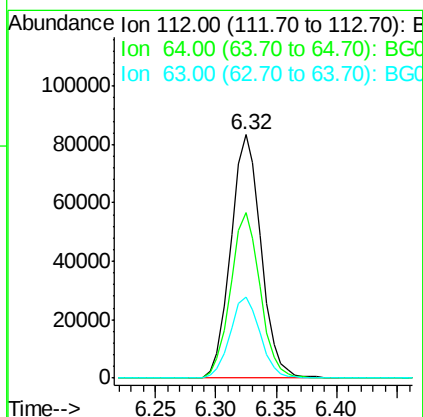
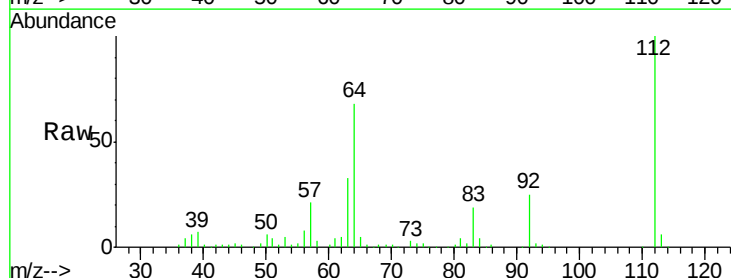
Tot Ion:152 Resp: 57595  
Ion Ratio Lower Upper  
152 100  
150 156.8 126.6 189.8  
115 60.5 53.0 79.4



#5

2-Fluorophenol  
Concen: 40.371 ng  
RT: 6.32 min Scan# 517  
Delta R.T. 0.00 min  
Lab File: BG033020.D  
Acq: 6 Mar 2018 13:43

Tgt Ion:112 Resp: 145335  
Ion Ratio Lower Upper  
112 100  
64 68.2 56.3 84.5  
63 33.1 30.1 45.1





#7

Phenol-d6

Concen: 24.334 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033020.D

Acq: 6 Mar 2018 13:43

Instrument :

BNA\_G

ClientSampleId :

030118-JETT-F-U-M

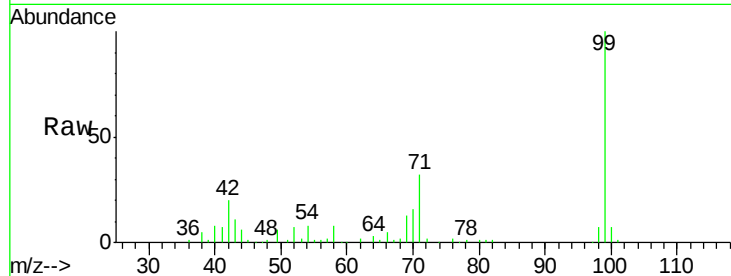
Tot Ion: 99 Resp: 122108

Ion Ratio Lower Upper

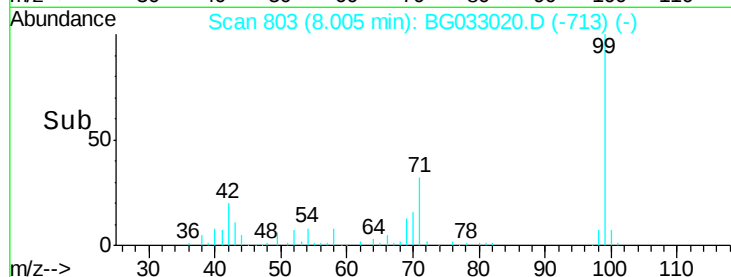
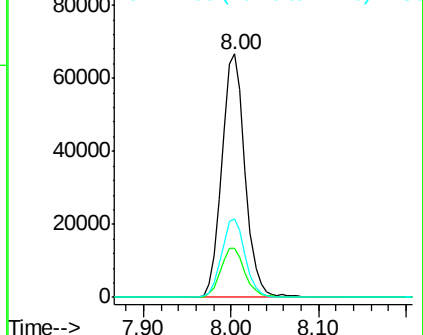
99 100

42 20.4 14.1 21.1

71 32.1 26.1 39.1



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: 11.80 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BG033020.D

Acq: 6 Mar 2018 13:43

Tgt Ion: 136 Resp: 257405

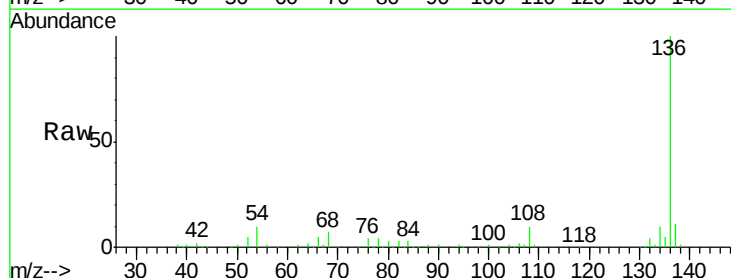
Ion Ratio Lower Upper

136 100

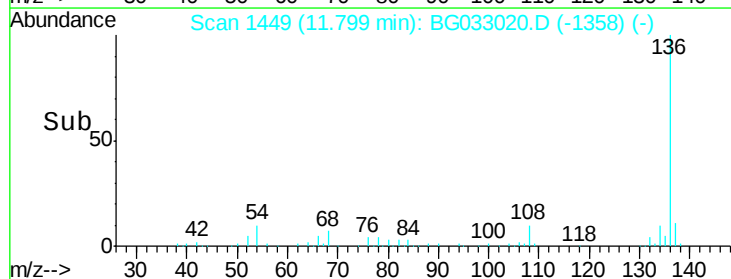
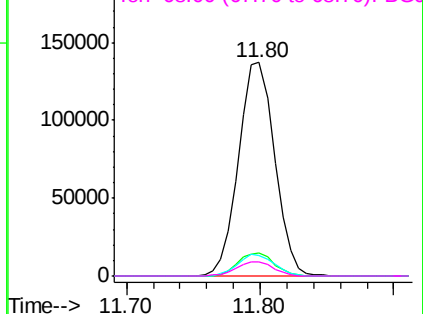
137 10.7 9.2 13.8

54 9.7 10.3 15.5#

68 6.7 4.5 6.7#



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

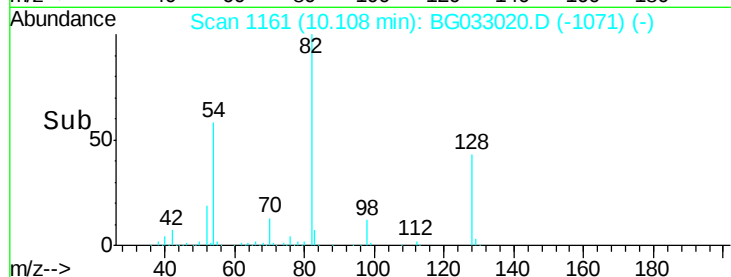
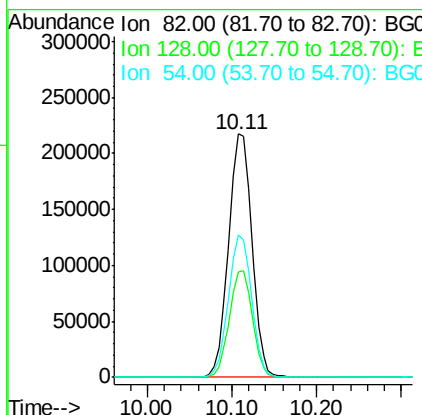
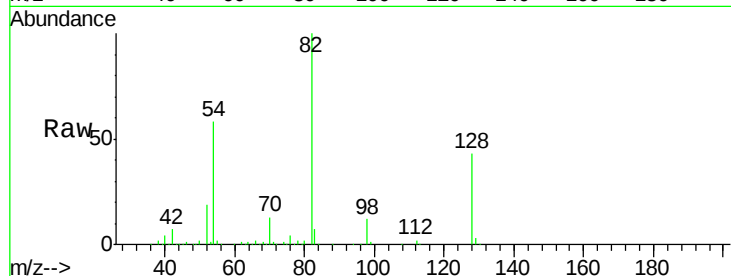




#23  
 Nitrobenzene-d5  
 Concen: 108.357 ng  
 RT: 10.11 min Scan# 1161  
 Delta R.T. -0.00 min  
 Lab File: BG033020.D  
 Acq: 6 Mar 2018 13:43

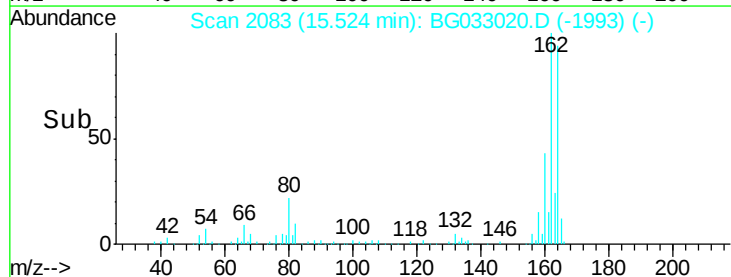
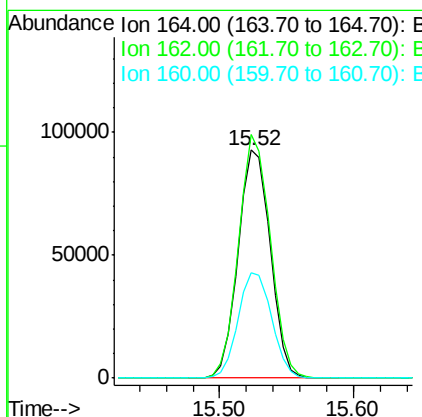
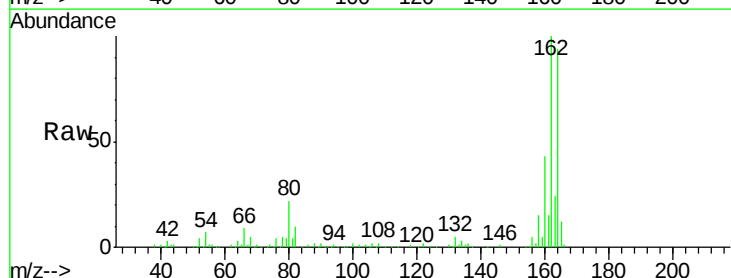
Instrument :  
 BNA\_G  
 ClientSampleId :  
 030118-JETT-F-U-M

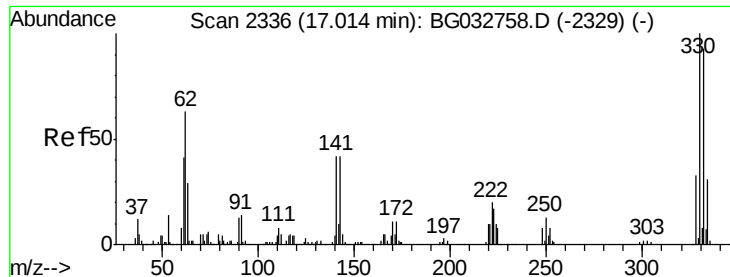
| Tot Ion   | 82    | Resp  | 413362 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 43.4  | 29.7  | 44.5   |
| 54        | 58.4  | 43.1  | 64.7   |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.52 min Scan# 2083  
 Delta R.T. -0.00 min  
 Lab File: BG033020.D  
 Acq: 6 Mar 2018 13:43

| Tgt Ion   | 164   | Resp  | 154038 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 106.7 | 78.8  | 118.2  |
| 160       | 46.4  | 35.4  | 53.0   |

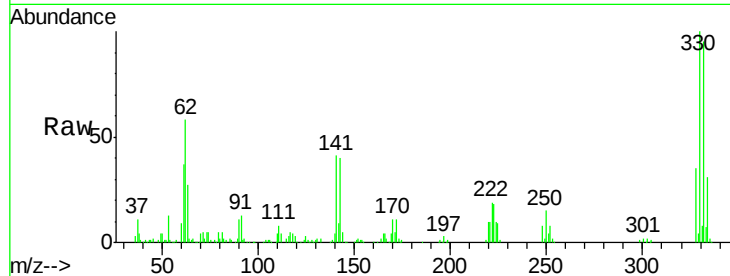




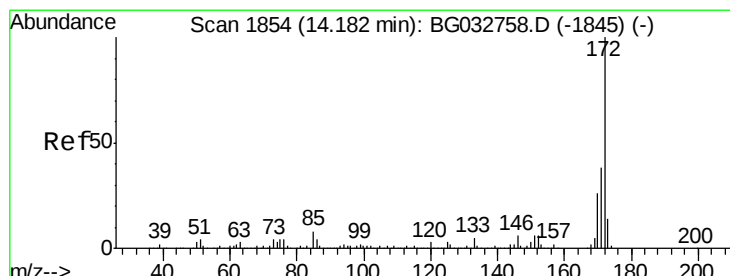
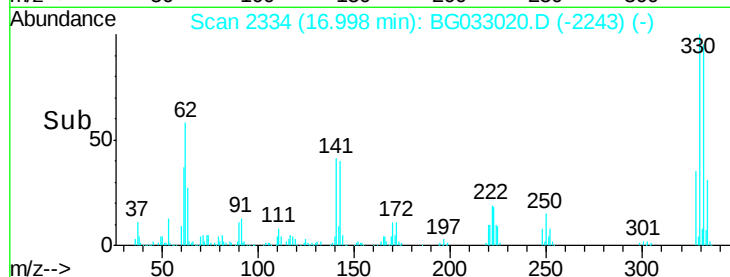
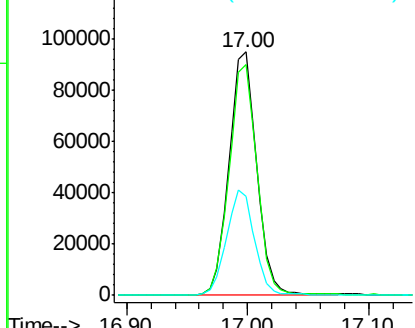
#41  
 2,4,6-Tribromophenol  
 Concen: 93.779 ng  
 RT: 17.00 min Scan# 2334  
 Delta R.T. 0.00 min  
 Lab File: BG033020.D  
 Acq: 6 Mar 2018 13:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 030118-JETT-F-U-M

Tot Ion:330 Resp: 151889  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 77.0 115.6  
 141 43.6 25.2 37.8#

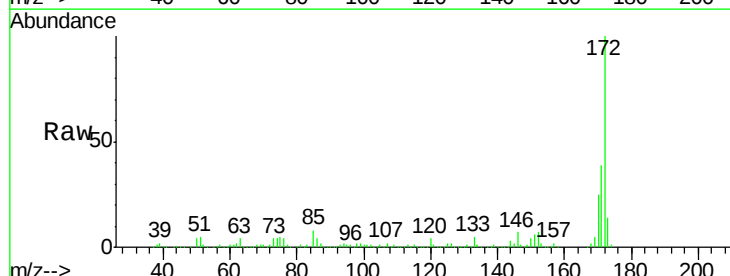


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

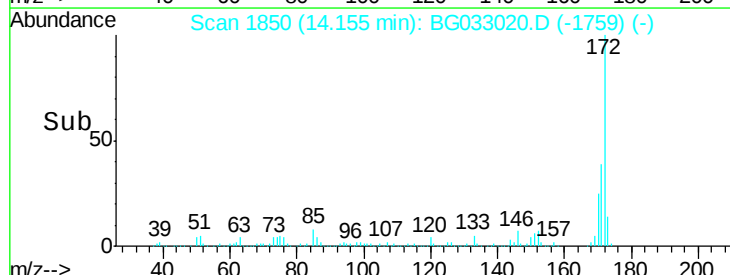
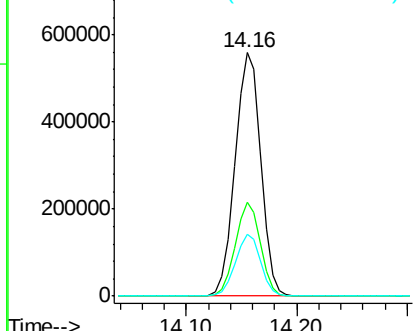


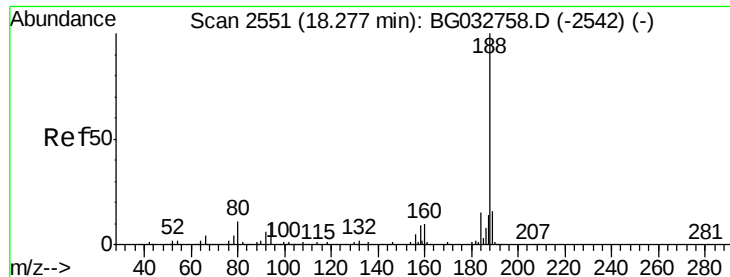
#44  
 2-Fluorobiphenyl  
 Concen: 85.377 ng  
 RT: 14.16 min Scan# 1850  
 Delta R.T. 0.00 min  
 Lab File: BG033020.D  
 Acq: 6 Mar 2018 13:43

Tgt Ion:172 Resp: 911857  
 Ion Ratio Lower Upper  
 172 100  
 171 38.8 30.0 45.0  
 170 25.4 19.5 29.3



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

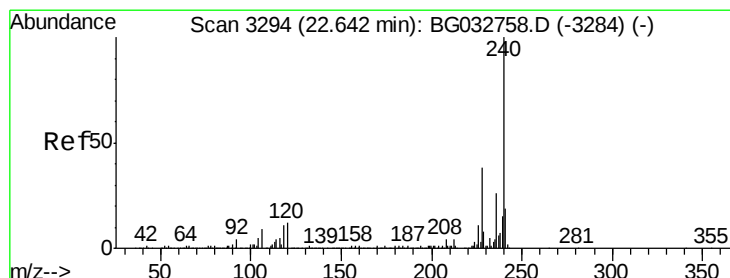
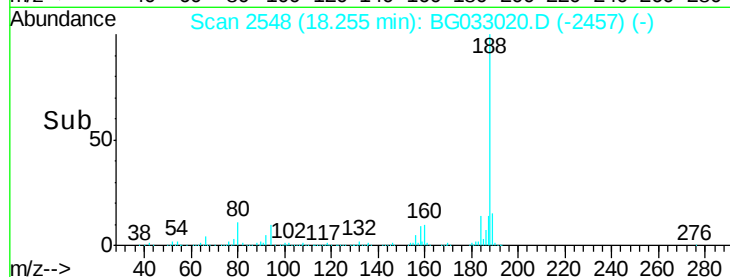
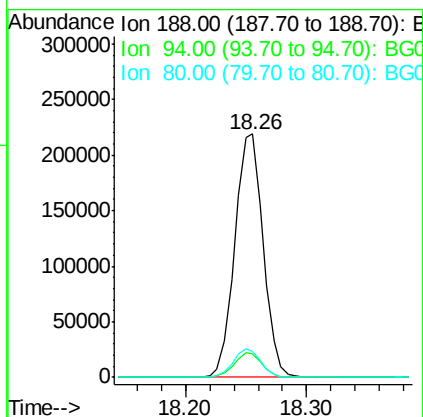
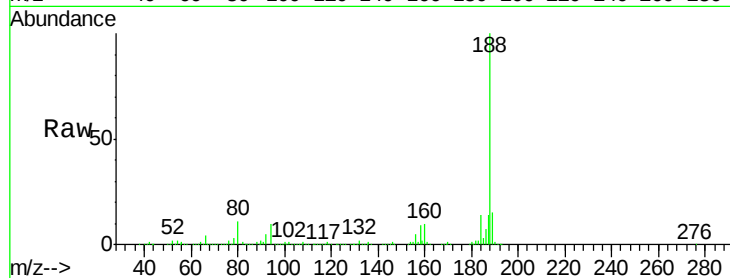




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.26 min Scan# 2548  
Delta R.T. 0.00 min  
Lab File: BG033020.D  
Acq: 6 Mar 2018 13:43

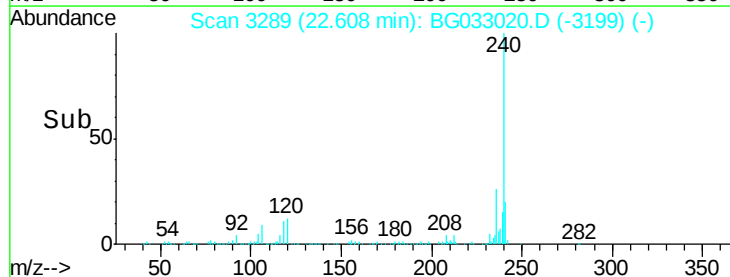
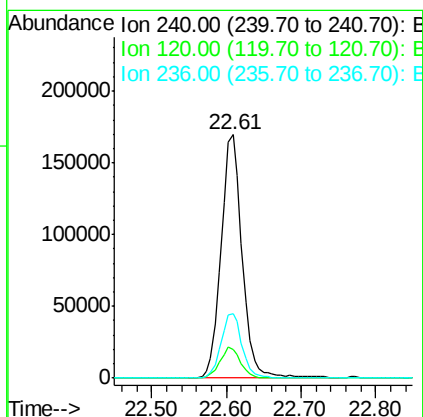
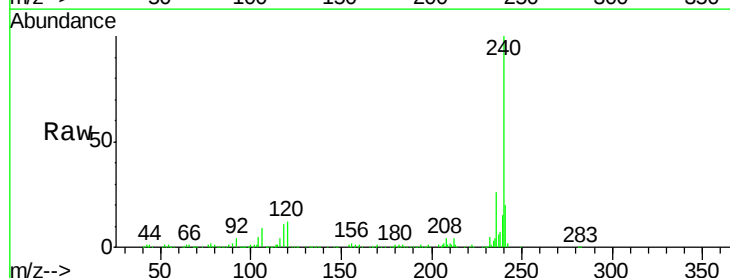
Instrument :  
BNA\_G  
ClientSampleId :  
030118-JETT-F-U-M

Tot Ion:188 Resp: 358601  
Ion Ratio Lower Upper  
188 100  
94 9.8 6.9 10.3  
80 10.6 7.7 11.5



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.61 min Scan# 3289  
Delta R.T. -0.00 min  
Lab File: BG033020.D  
Acq: 6 Mar 2018 13:43

Tgt Ion:240 Resp: 333952  
Ion Ratio Lower Upper  
240 100  
120 11.8 6.8 10.2#  
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 85.138 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033020.D

Acq: 6 Mar 2018 13:43

Instrument :

BNA\_G

ClientSampleId :

030118-JETT-F-U-M

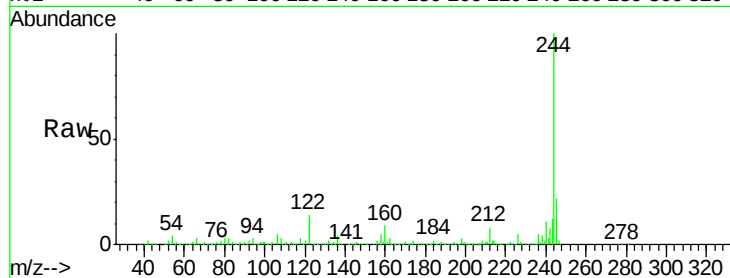
Tot Ion:244 Resp: 1265482

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

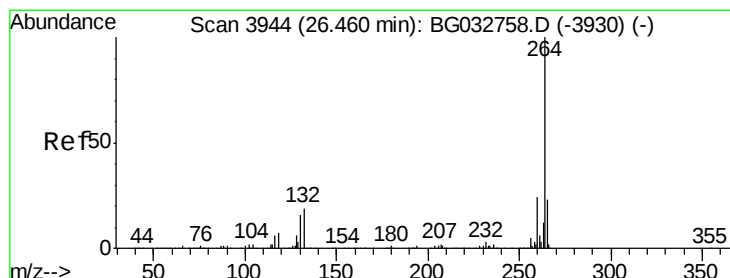
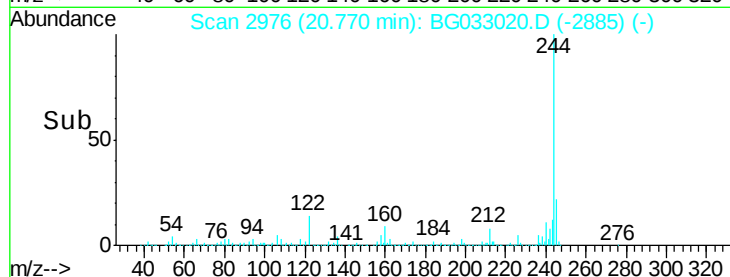
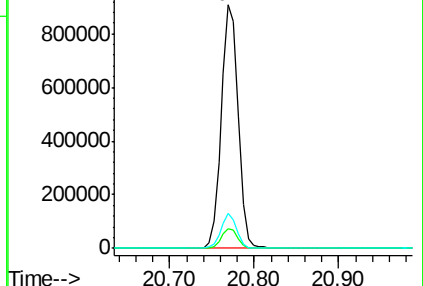
122 14.3 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033020.D

Acq: 6 Mar 2018 13:43

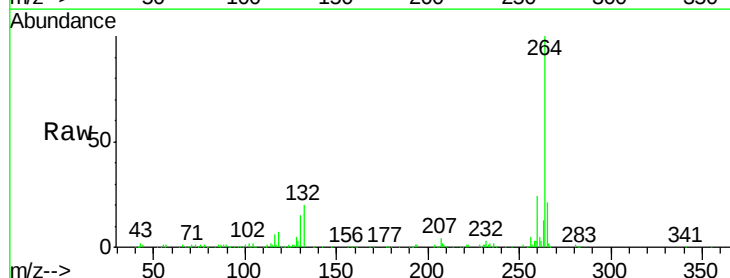
Tgt Ion:264 Resp: 332761

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 20.9 17.7 26.5



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

