

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\  
 Data File : BG035973.D  
 Acq On : 30 Jul 2018 13:06  
 Operator : JU/SJ  
 Sample : J4196-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 072518-TIPC-E-U-M

Quant Time: Jul 30 13:50:08 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 25 11:04:14 2018  
 Response via : Initial Calibration

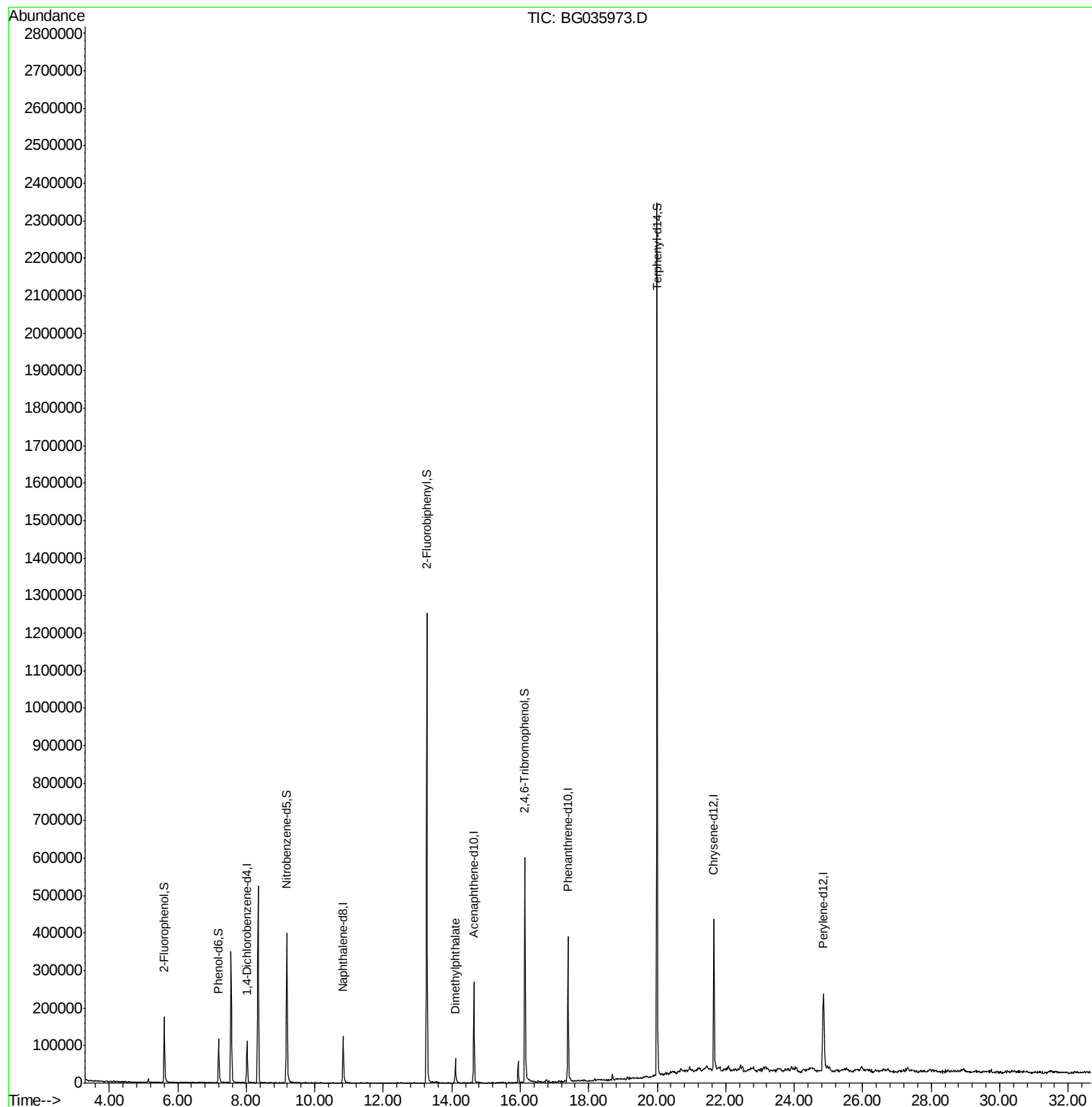
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 32670    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.83 | 136  | 123908   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.64 | 164  | 92890    | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.39 | 188  | 268385   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.65 | 240  | 277542   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 24.85 | 264  | 257560   | 20.00  | ng    | -0.01          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.61  | 112  | 85960    | 43.68  | ng    | 0.00           |
| 7) Phenol-d6                | 7.19  | 99   | 81743    | 27.84  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 290560   | 97.96  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 16.13 | 330  | 128539   | 104.99 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.27 | 172  | 718486   | 103.63 | ng    | 0.00           |
| 78) Terphenyl-d14           | 19.99 | 244  | 1163204  | 92.38  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.10 | 163  | 57943    | 7.120  | ng    | Qvalue<br># 94 |

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 25 11:04:14 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG035973.D

Acq: 30 Jul 2018 13:06

Instrument :

BNA\_G

ClientSampleId :

072518-TIPC-E-U-M

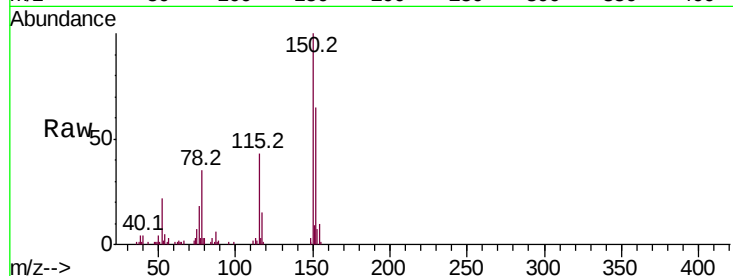
Tot Ion:152 Resp: 32670

Ion Ratio Lower Upper

152 100

150 153.5 126.6 189.8

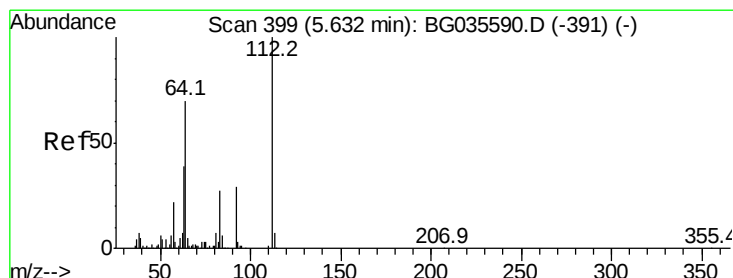
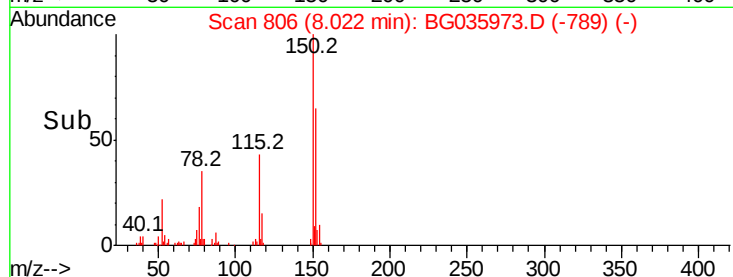
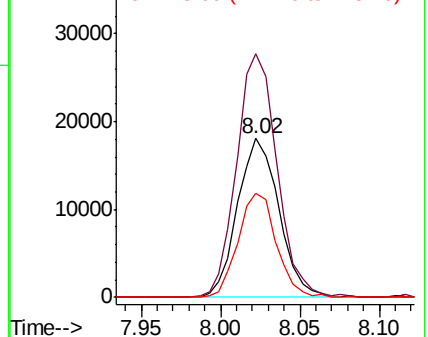
115 65.8 53.0 79.4



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: 43.683 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035973.D

Acq: 30 Jul 2018 13:06

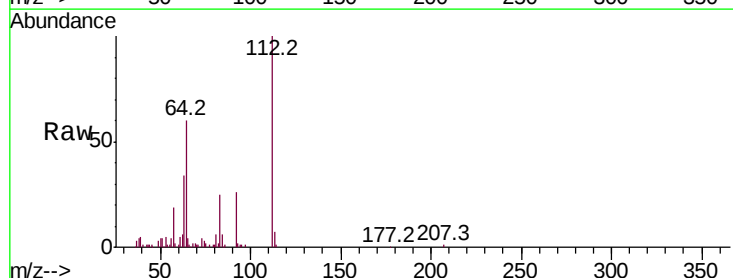
Tgt Ion:112 Resp: 85960

Ion Ratio Lower Upper

112 100

64 60.2 56.3 84.5

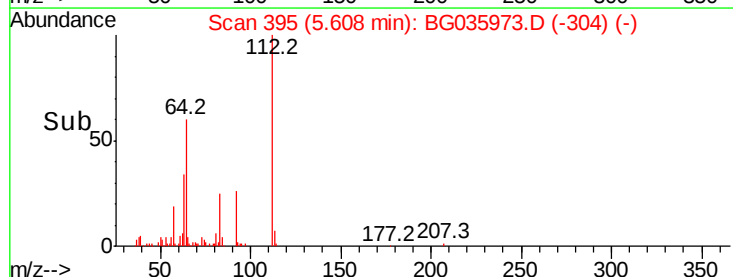
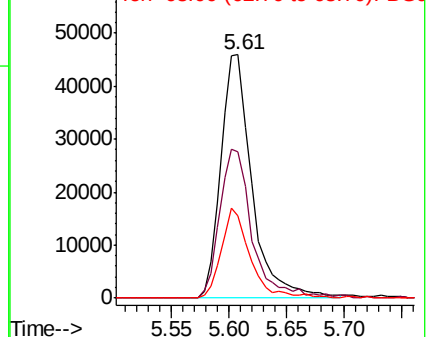
63 34.1 30.1 45.1

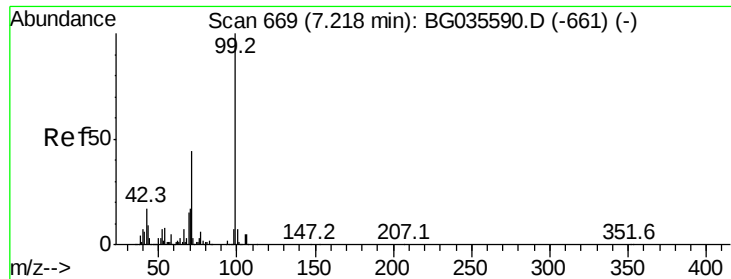


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 27.842 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035973.D

Acq: 30 Jul 2018 13:06

Instrument :

BNA\_G

ClientSampleId :

072518-TIPC-E-U-M

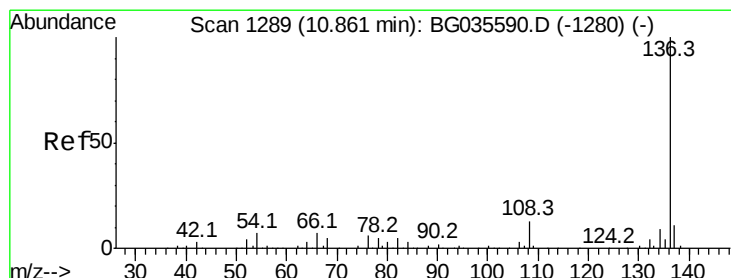
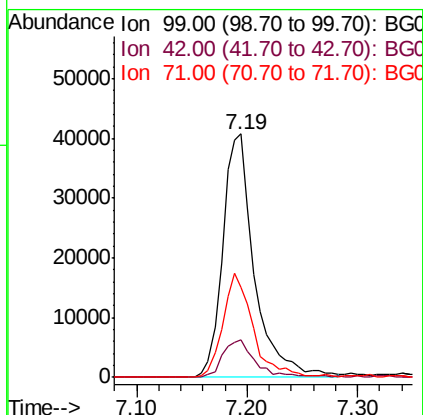
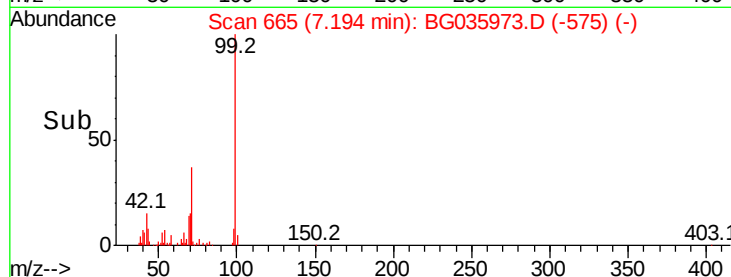
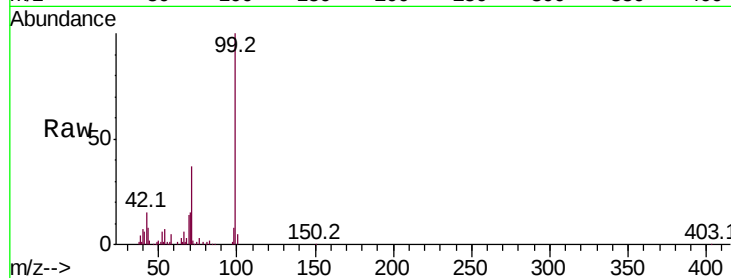
Tot Ion: 99 Resp: 81743

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 37.0 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035973.D

Acq: 30 Jul 2018 13:06

Tgt Ion: 136 Resp: 123908

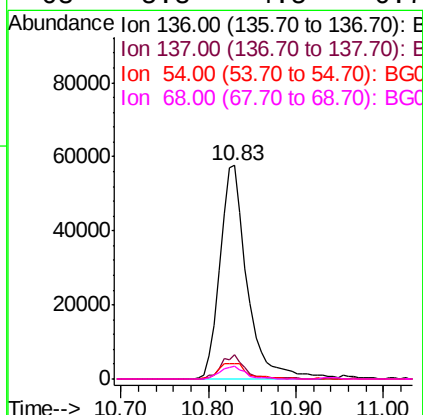
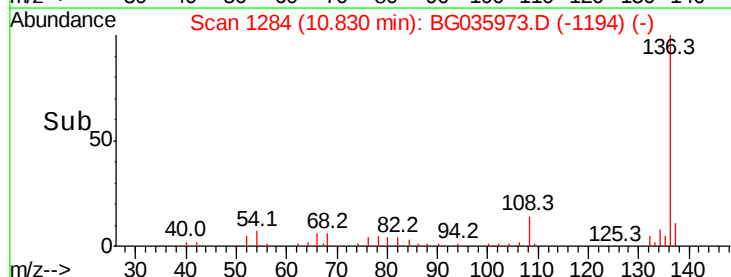
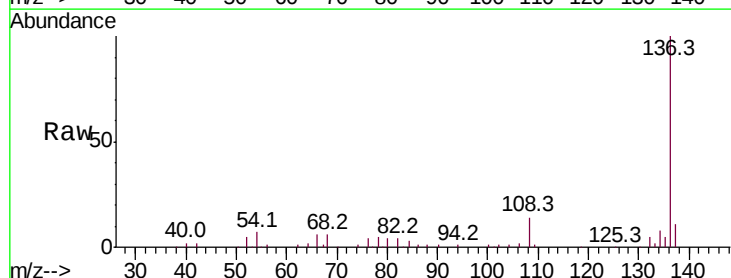
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.2 10.3 15.5#

68 5.8 4.5 6.7

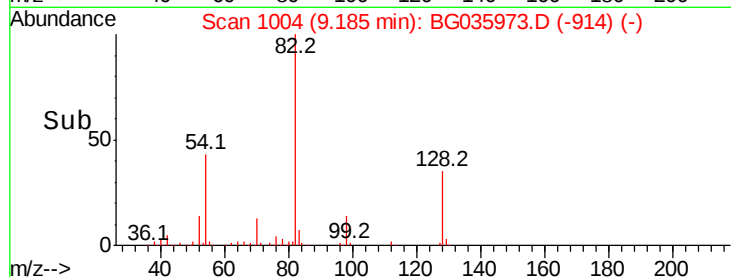
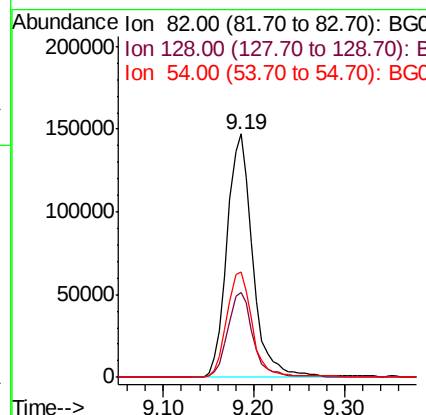
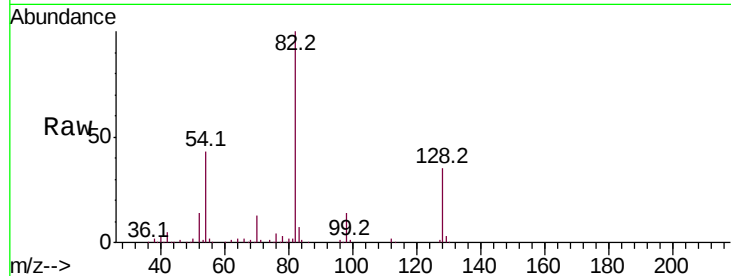




#23  
Nitrobenzene-d5  
Concen: 97.960 ng  
RT: 9.19 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: BG035973.D  
Acq: 30 Jul 2018 13:06

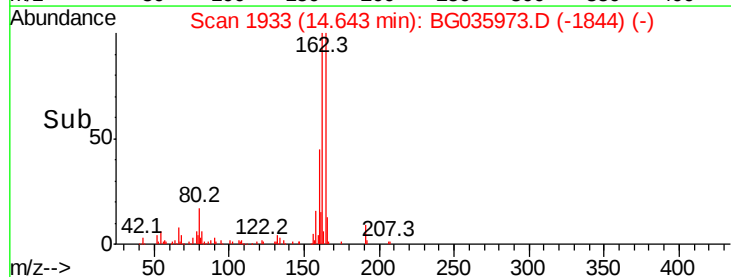
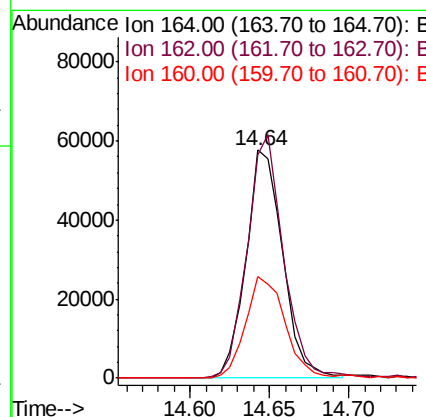
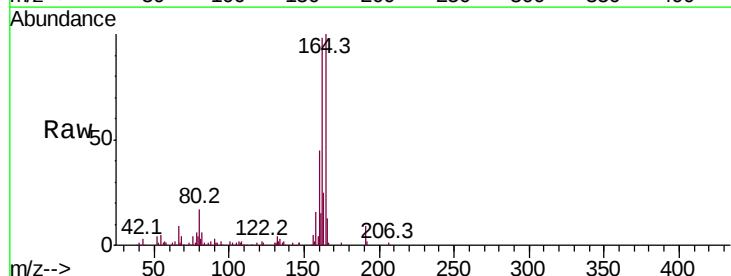
Instrument :  
BNA\_G  
ClientSampleId :  
072518-TIPC-E-U-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 34.9  | 29.7  | 44.5  |
| 54      | 43.4  | 43.1  | 64.7  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.64 min Scan# 1933  
Delta R.T. -0.01 min  
Lab File: BG035973.D  
Acq: 30 Jul 2018 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.0  | 78.8  | 118.2 |
| 160     | 44.7  | 35.4  | 53.0  |

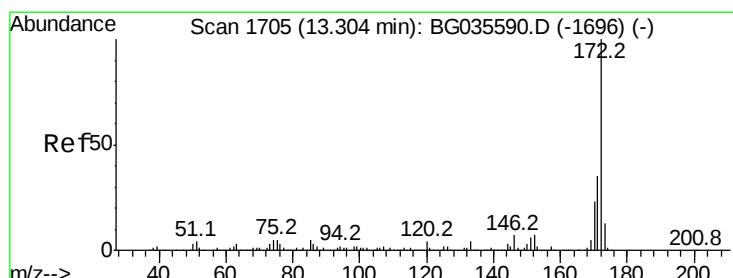
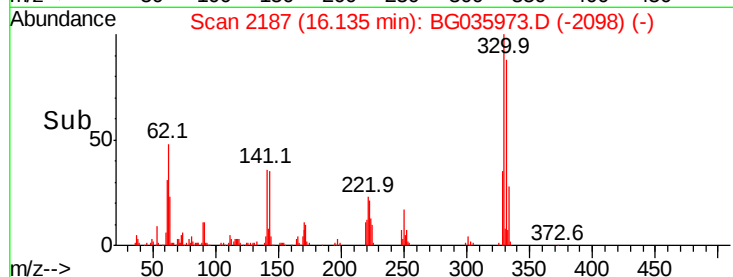
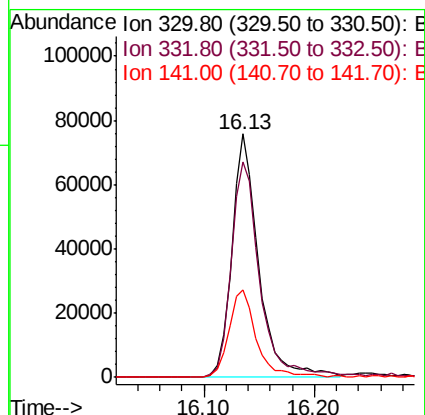
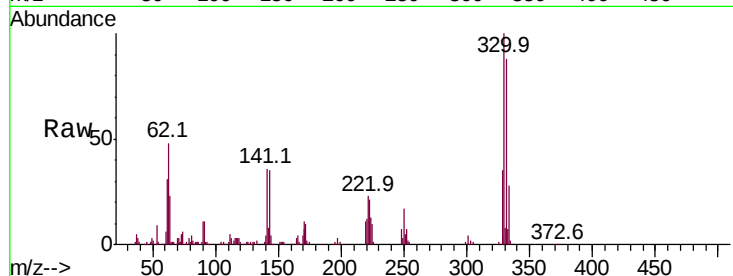




#41  
 2,4,6-Tribromophenol  
 Concen: 104.985 ng  
 RT: 16.13 min Scan# 2187  
 Delta R.T. -0.01 min  
 Lab File: BG035973.D  
 Acq: 30 Jul 2018 13:06

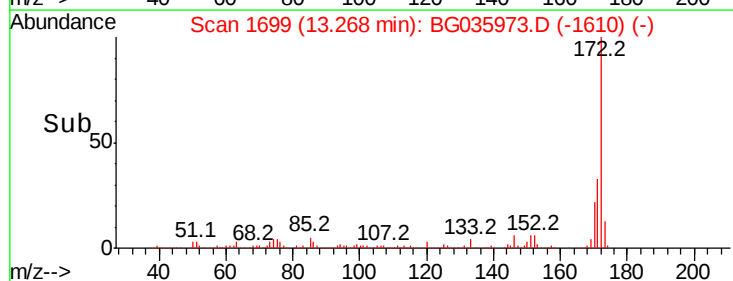
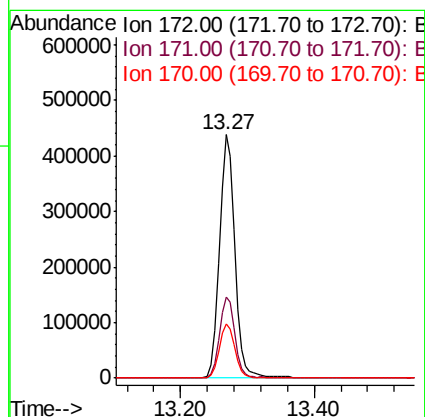
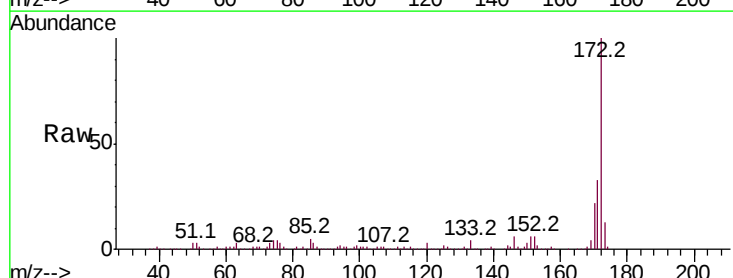
Instrument :  
 BNA\_G  
 ClientSampleId :  
 072518-TIPC-E-U-M

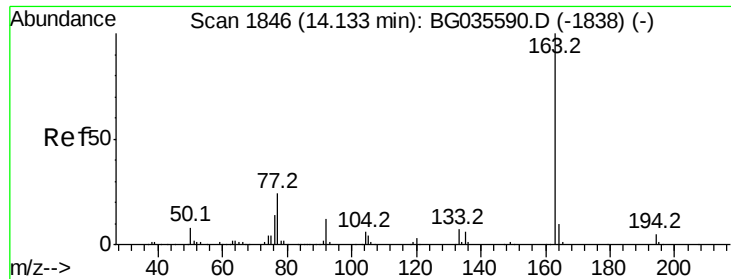
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.5  | 77.0  | 115.6 |
| 141     | 37.0  | 25.2  | 37.8  |



#44  
 2-Fluorobiphenyl  
 Concen: 103.626 ng  
 RT: 13.27 min Scan# 1699  
 Delta R.T. -0.01 min  
 Lab File: BG035973.D  
 Acq: 30 Jul 2018 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.1  | 30.0  | 45.0  |
| 170     | 22.3  | 19.5  | 29.3  |

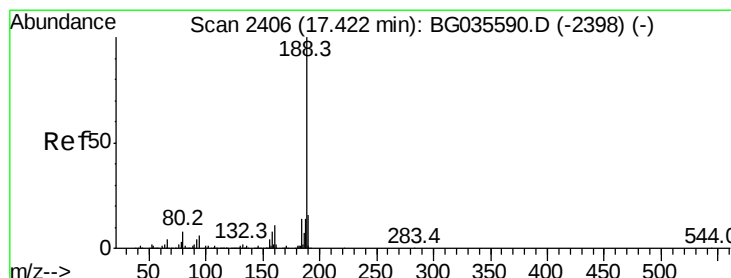
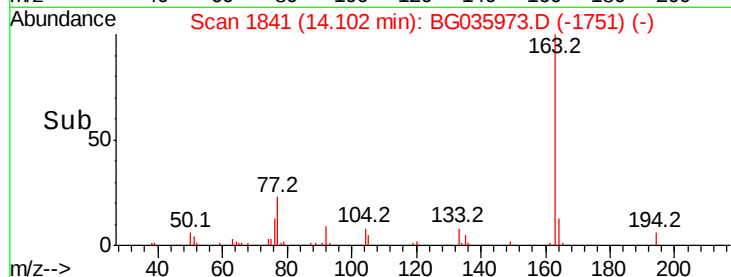
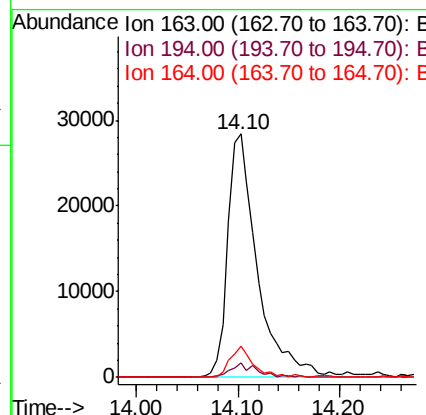
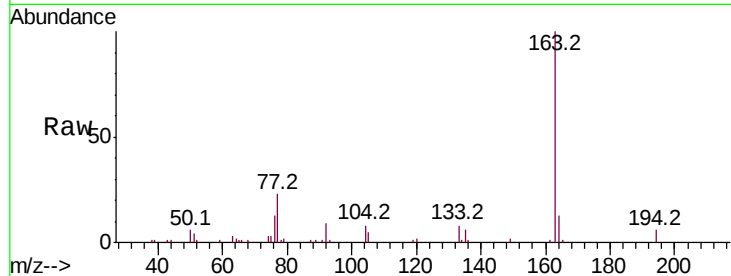




#49  
Dimethylphthalate  
Concen: 7.120 ng  
RT: 14.10 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: BG035973.D  
Acq: 30 Jul 2018 13:06

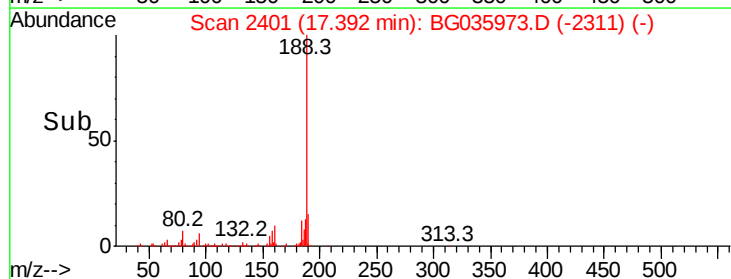
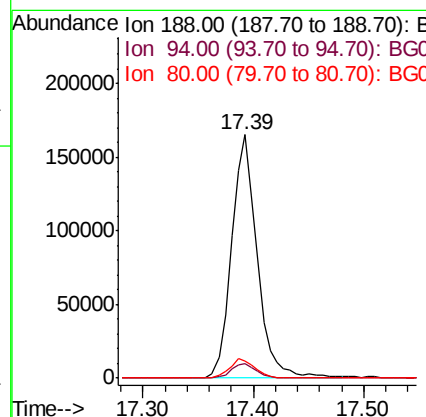
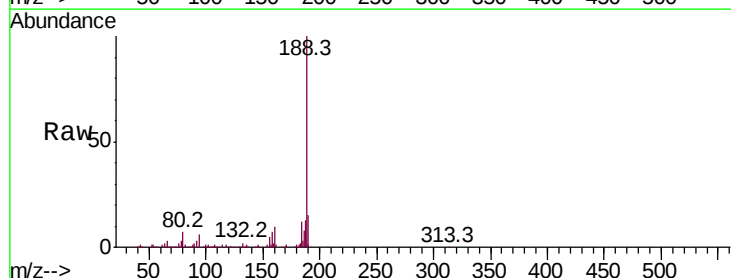
Instrument :  
BNA\_G  
ClientSampleId :  
072518-TIPC-E-U-M

Tot Ion:163 Resp: 57943  
Ion Ratio Lower Upper  
163 100  
194 5.8 3.4 5.2#  
164 12.6 8.2 12.4#



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2401  
Delta R.T. -0.00 min  
Lab File: BG035973.D  
Acq: 30 Jul 2018 13:06

Tgt Ion:188 Resp: 268385  
Ion Ratio Lower Upper  
188 100  
94 5.7 6.9 10.3#  
80 7.0 7.7 11.5#

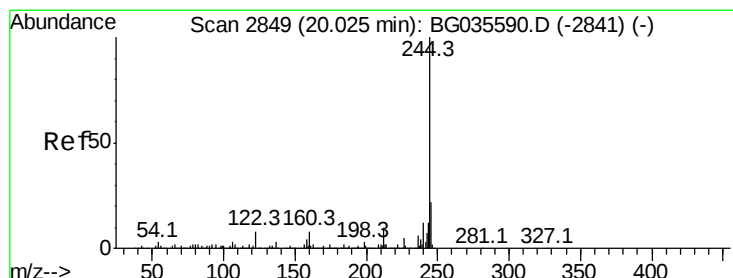
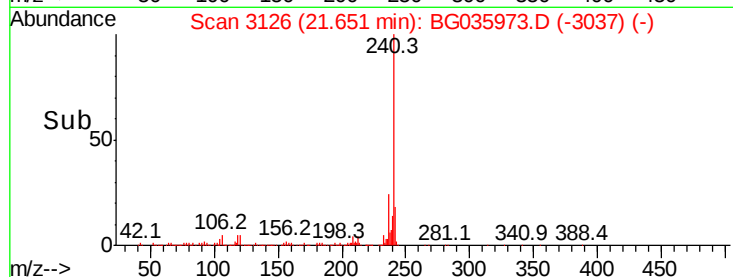
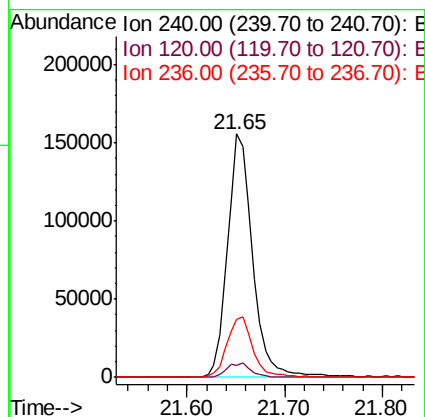
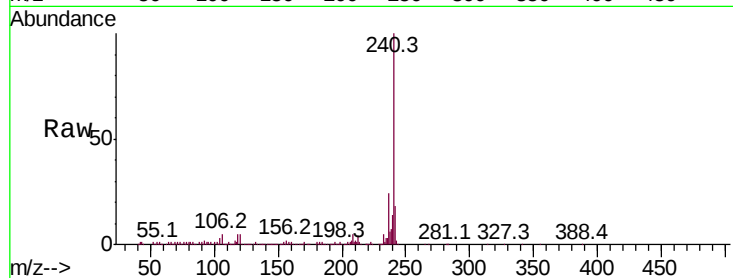




#75  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.65 min Scan# 3126  
 Delta R.T. -0.01 min  
 Lab File: BG035973.D  
 Acq: 30 Jul 2018 13:06

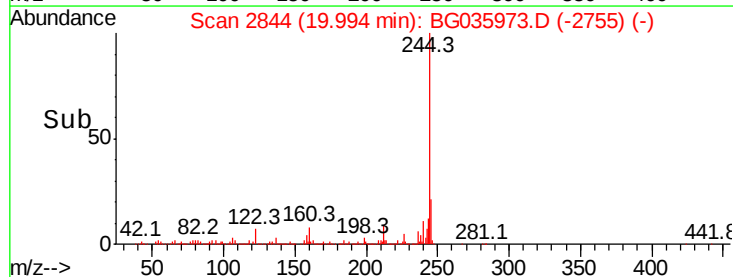
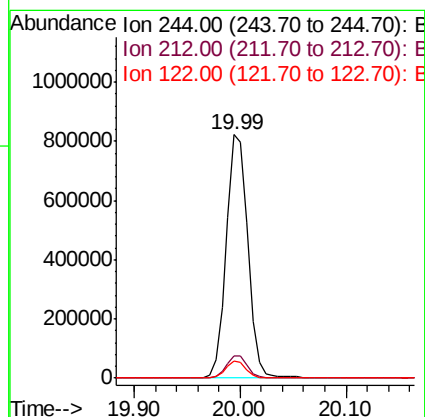
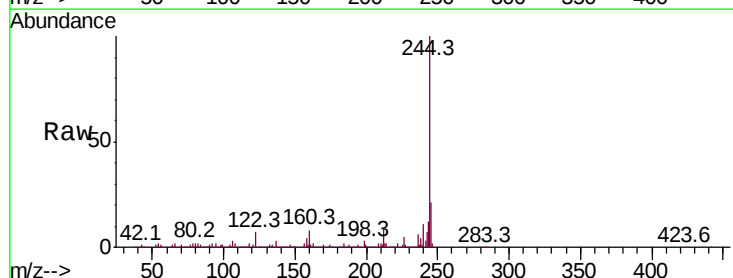
Instrument :  
 BNA\_G  
 ClientSampleId :  
 072518-TIPC-E-U-M

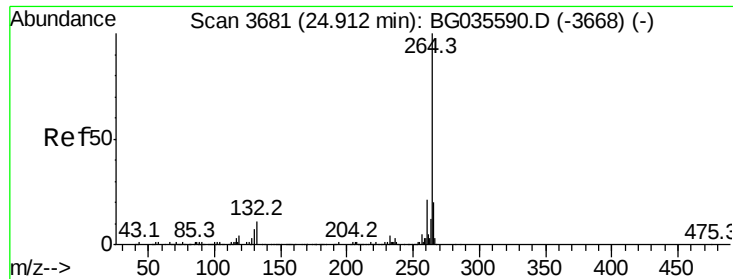
Tot Ion:240 Resp: 277542  
 Ion Ratio Lower Upper  
 240 100  
 120 5.1 6.8 10.2#  
 236 24.1 20.9 31.3



#78  
 Terphenyl-d14  
 Concen: 92.384 ng  
 RT: 19.99 min Scan# 2844  
 Delta R.T. -0.01 min  
 Lab File: BG035973.D  
 Acq: 30 Jul 2018 13:06

Tgt Ion:244 Resp: 1163204  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 5.8 8.8#  
 122 6.9 7.0 10.4#





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.85 min Scan# 3670  
Delta R.T. -0.01 min  
Lab File: BG035973.D  
Acq: 30 Jul 2018 13:06

Instrument :  
BNA\_G  
ClientSampleId :  
072518-TIPC-E-U-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 17.4  | 26.0  |
| 265     | 20.4  | 17.7  | 26.5  |

