

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\  
 Data File : BG036492.D  
 Acq On : 31 Aug 2018 00:03  
 Operator : JU/SJ  
 Sample : J4677-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB-0818-S-TCLP-GRID-42(2)

Quant Time: Aug 31 01:55:42 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 23 12:07:02 2018  
 Response via : Initial Calibration

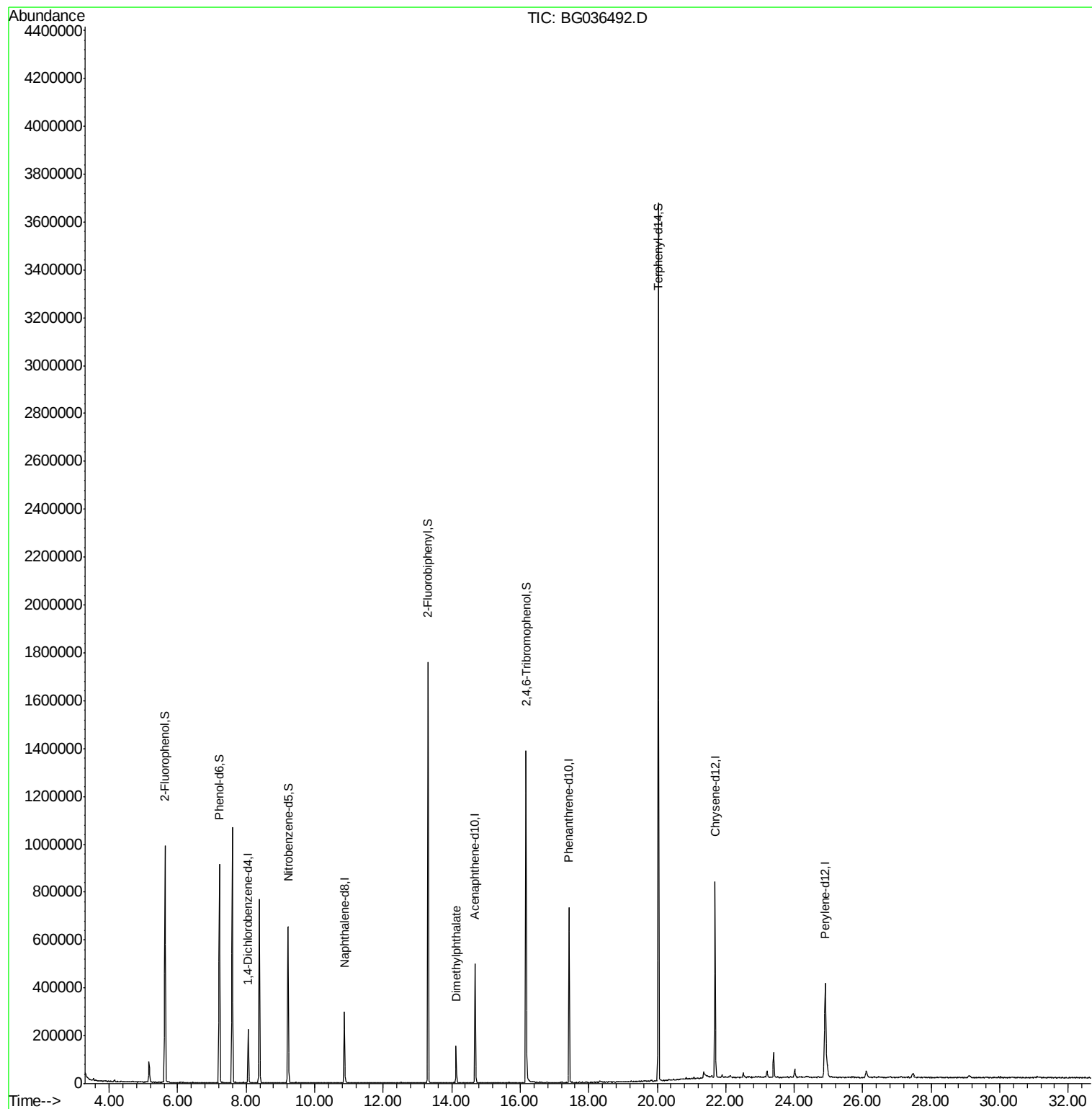
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 62039    | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 10.87 | 136  | 254076   | 20.00  | ng    | -0.01     |
| 38) Acenaphthene-d10        | 14.68 | 164  | 171103   | 20.00  | ng    | -0.02     |
| 63) Phenanthrene-d10        | 17.43 | 188  | 448318   | 20.00  | ng    | -0.01     |
| 75) Chrysene-d12            | 21.69 | 240  | 491709   | 20.00  | ng    | -0.02     |
| 86) Perylene-d12            | 24.91 | 264  | 485103   | 20.00  | ng    | -0.03     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.63  | 112  | 410692   | 105.01 | ng    | 0.00      |
| 7) Phenol-d6                | 7.21  | 99   | 517513   | 92.42  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 397674   | 84.92  | ng    | -0.01     |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 271158   | 132.81 | ng    | -0.01     |
| 44) 2-Fluorobiphenyl        | 13.31 | 172  | 930061   | 77.61  | ng    | -0.01     |
| 78) Terphenyl-d14           | 20.03 | 244  | 1678676  | 79.80  | ng    | -0.02     |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 14.13 | 163  | 105301   | 7.537  | ng    | Qvalue 99 |

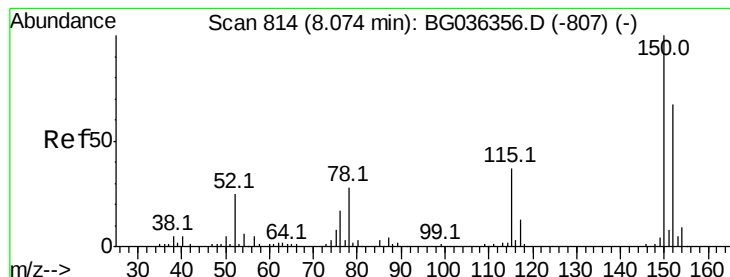
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\  
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CB-0818-S-TCLP-GRID-42(2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 23 12:07:02 2018  
Response via : Initial Calibration



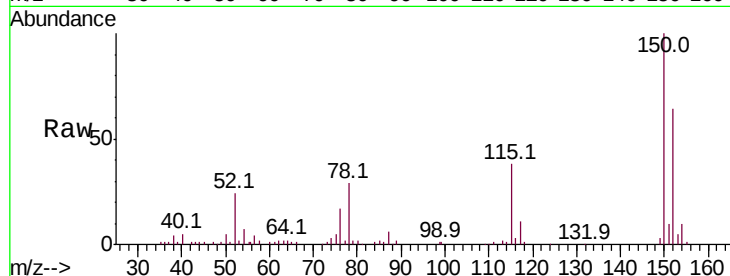


#1

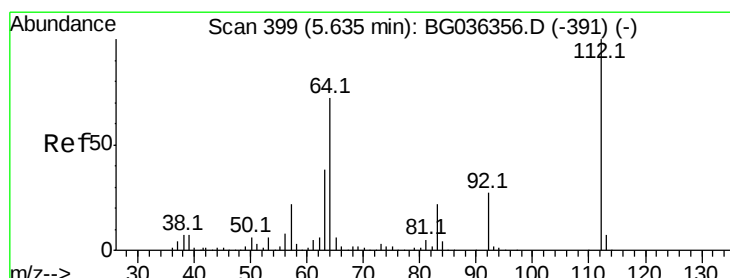
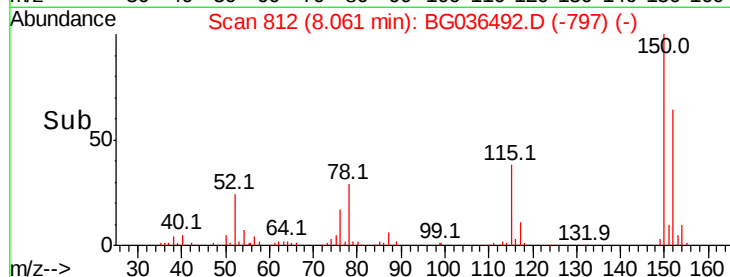
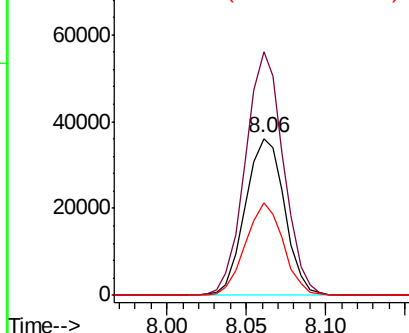
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 812  
Delta R.T. -0.01 min  
Lab File: BG036492.D  
Acq: 31 Aug 2018 00:03

Instrument :  
BNA\_G  
ClientSampleId :  
CB-0818-S-TCLP-GRID-42(2)

Tot Ion:152 Resp: 62039  
Ion Ratio Lower Upper  
152 100  
150 155.3 119.5 179.3  
115 58.7 44.5 66.7



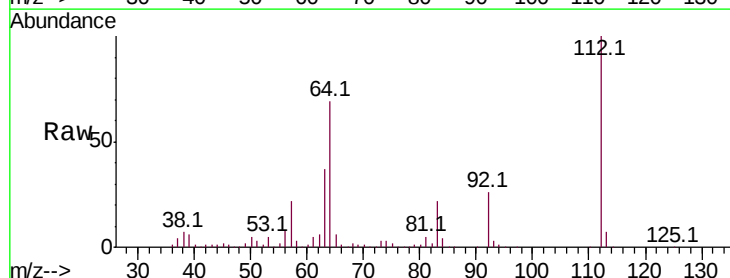
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



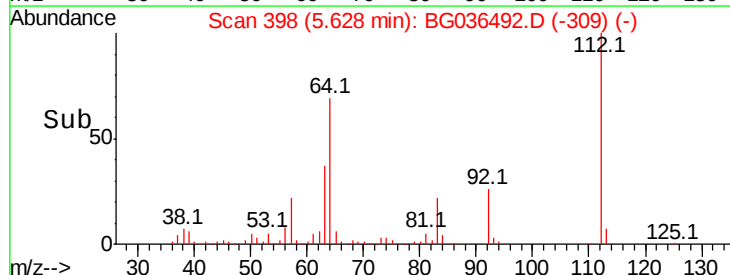
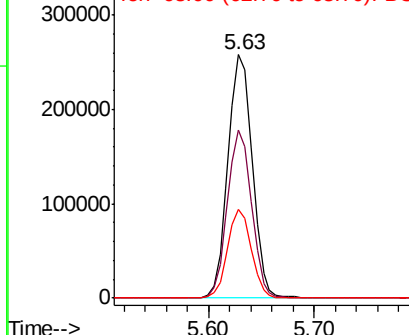
#5

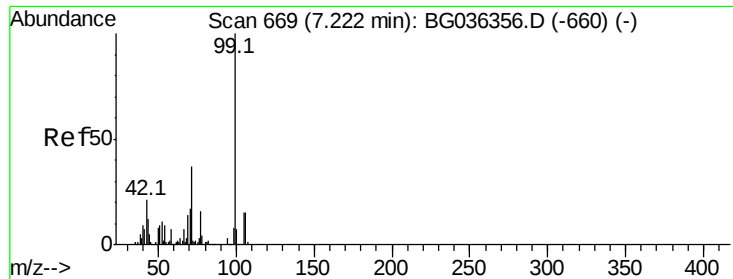
2-Fluorophenol  
Concen: 105.011 ng  
RT: 5.63 min Scan# 398  
Delta R.T. -0.01 min  
Lab File: BG036492.D  
Acq: 31 Aug 2018 00:03

Tgt Ion:112 Resp: 410692  
Ion Ratio Lower Upper  
112 100  
64 68.8 57.2 85.8  
63 36.5 30.8 46.2



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: 92.421 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

Instrument :

BNA\_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

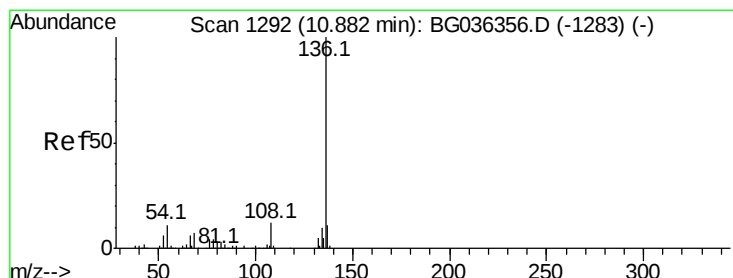
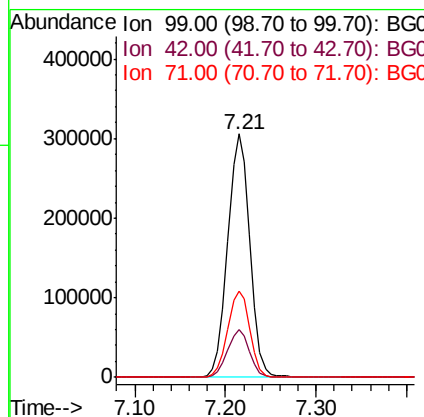
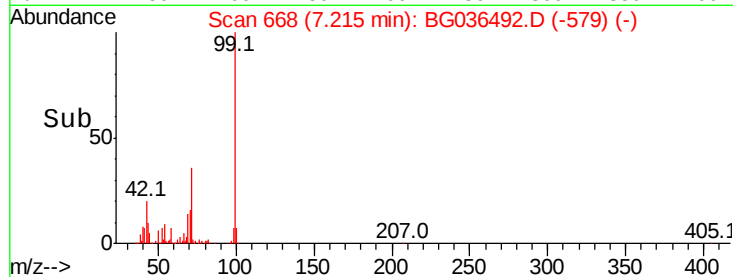
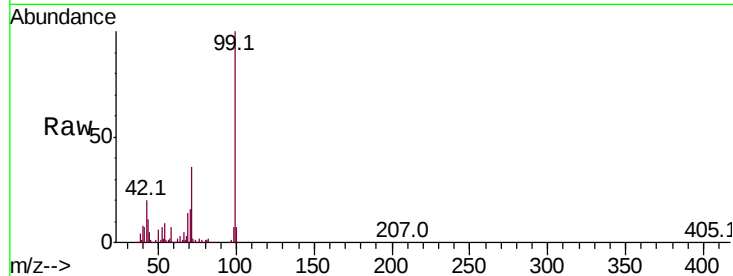
Tot Ion: 99 Resp: 517513

Ion Ratio Lower Upper

99 100

42 19.8 16.5 24.7

71 35.6 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

Tgt Ion: 136 Resp: 254076

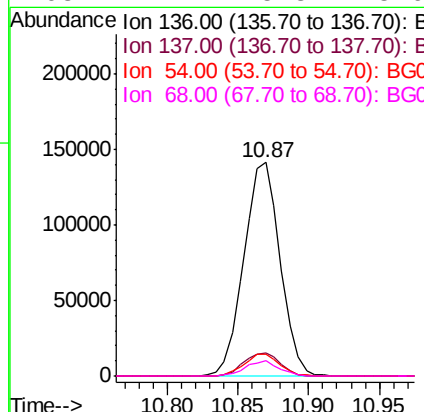
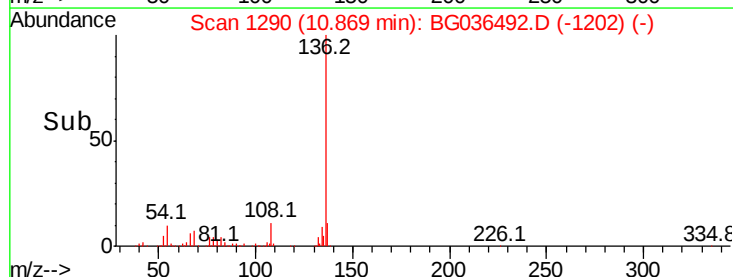
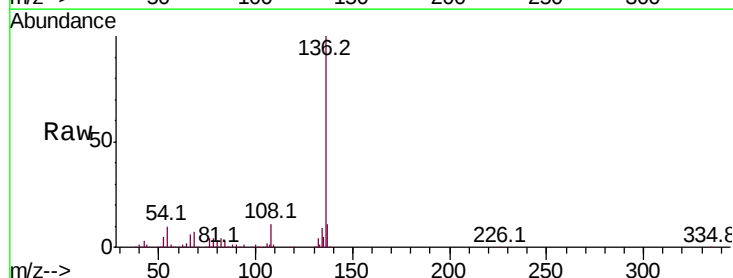
Ion Ratio Lower Upper

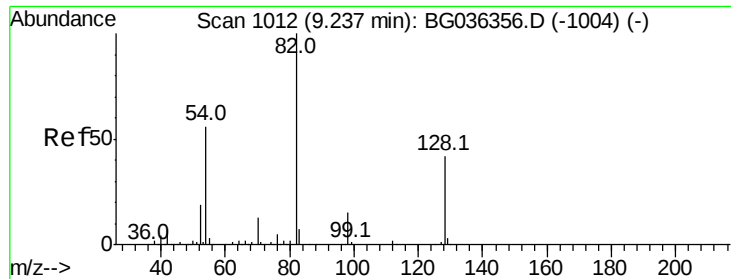
136 100

137 10.8 8.8 13.2

54 10.3 9.2 13.8

68 7.1 5.8 8.6

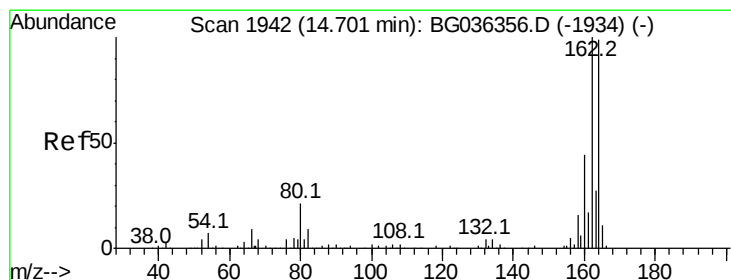
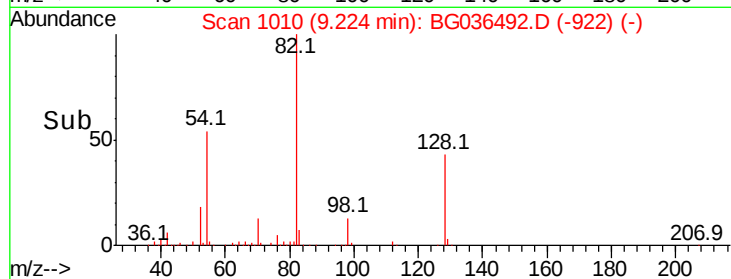
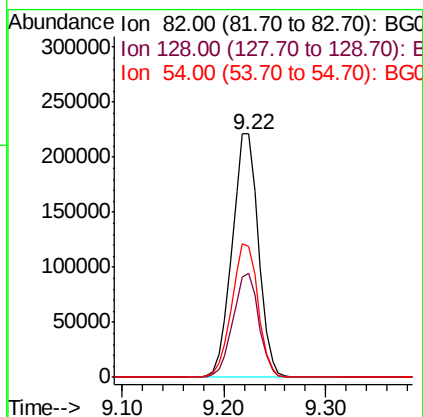
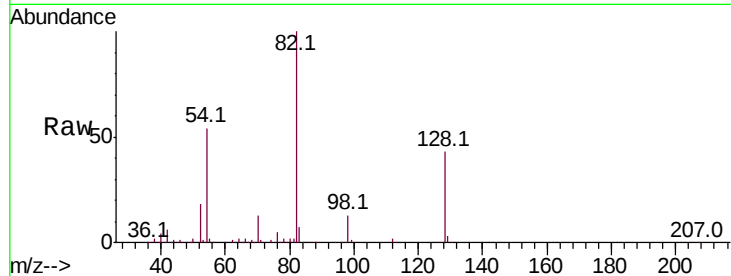




#23  
 Nitrobenzene-d5  
 Concen: 84.921 ng  
 RT: 9.22 min Scan# 1010  
 Delta R.T. -0.01 min  
 Lab File: BG036492.D  
 Acq: 31 Aug 2018 00:03

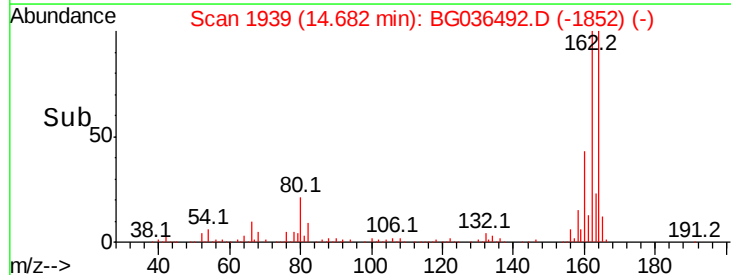
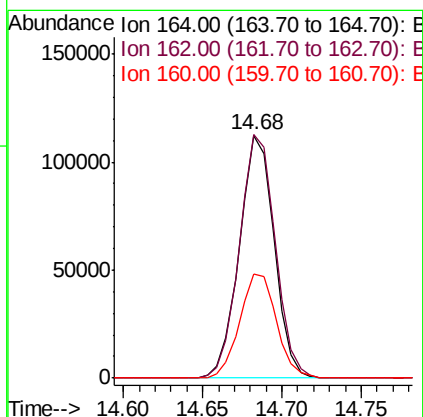
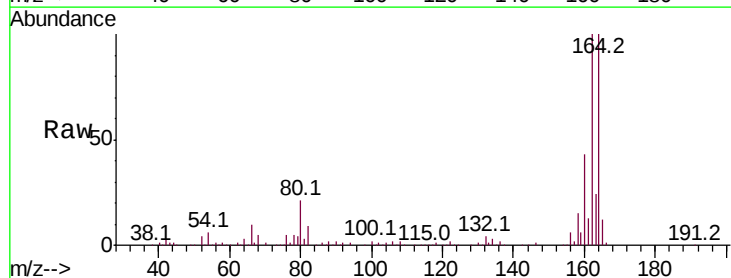
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB-0818-S-TCLP-GRID-42(2)

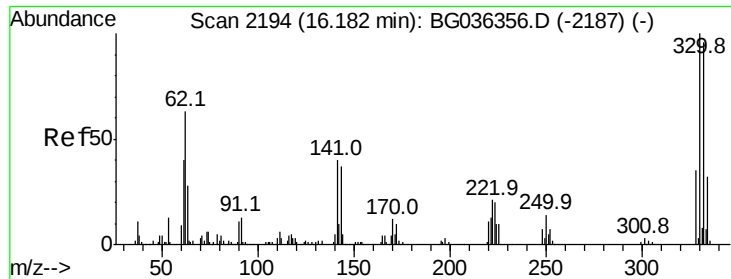
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.8  | 33.3  | 49.9  |
| 54      | 54.0  | 45.1  | 67.7  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.68 min Scan# 1939  
 Delta R.T. -0.02 min  
 Lab File: BG036492.D  
 Acq: 31 Aug 2018 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.4 | 80.7  | 121.1 |
| 160     | 43.0  | 35.3  | 52.9  |

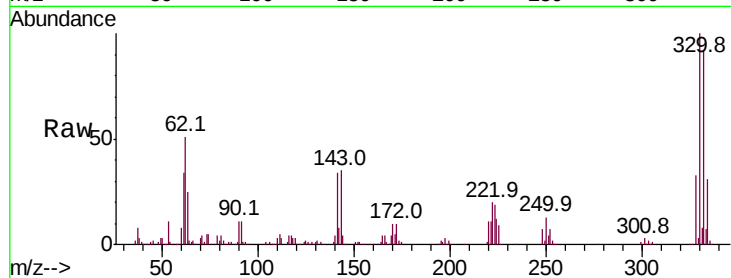




#41  
 2,4,6-Tribromophenol  
 Concen: 132.814 ng  
 RT: 16.17 min Scan# 2192  
 Delta R.T. -0.01 min  
 Lab File: BG036492.D  
 Acq: 31 Aug 2018 00:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB-0818-S-TCLP-GRID-42(2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.3  | 75.4  | 113.2 |
| 141     | 35.1  | 30.7  | 46.1  |

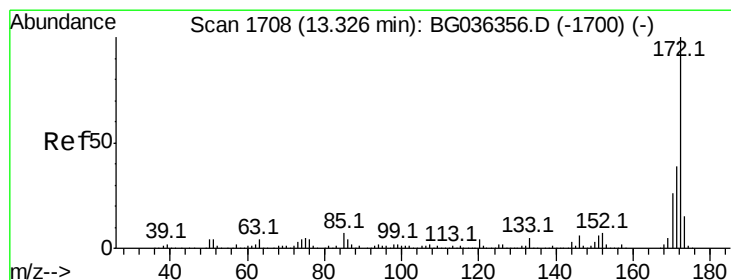
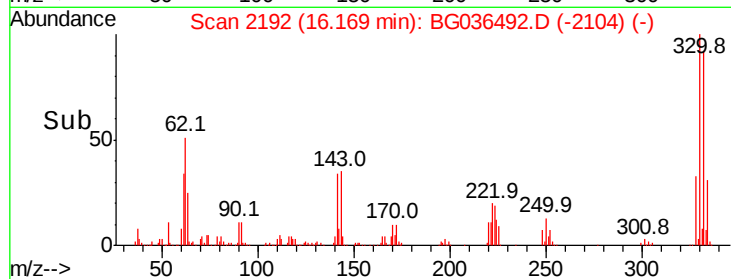
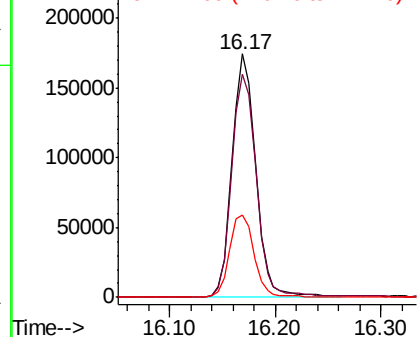


Abundance

Ion 329.80 (329.50 to 330.50): E

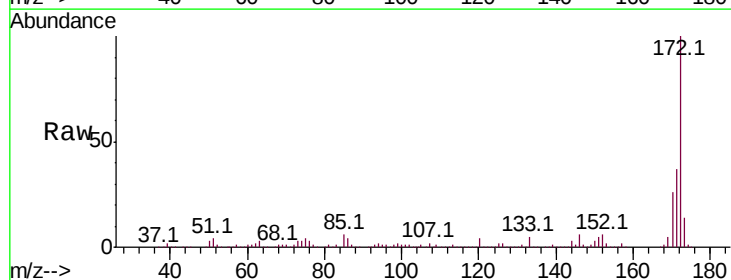
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 77.612 ng  
 RT: 13.31 min Scan# 1706  
 Delta R.T. -0.01 min  
 Lab File: BG036492.D  
 Acq: 31 Aug 2018 00:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.4  | 31.3  | 46.9  |
| 170     | 25.8  | 21.0  | 31.6  |

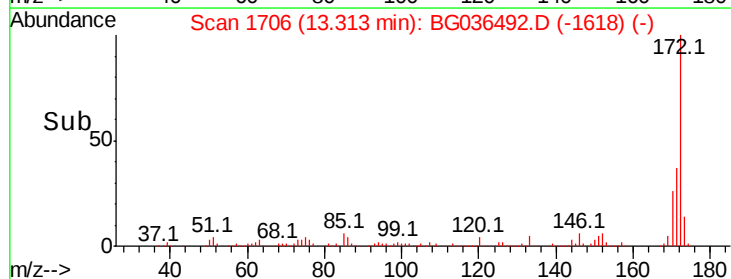
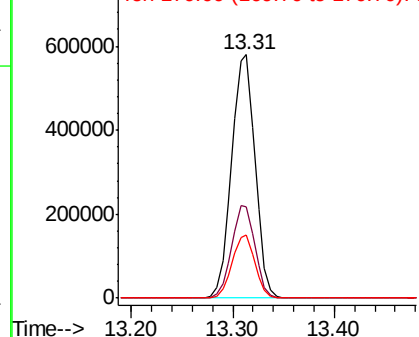


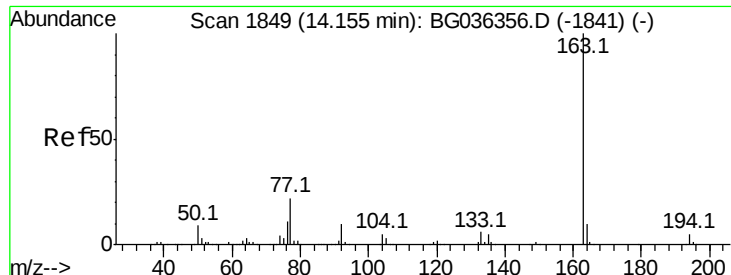
Abundance

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





#49

Dimethylphthalate

Concen: 7.537 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

Instrument :

BNA\_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

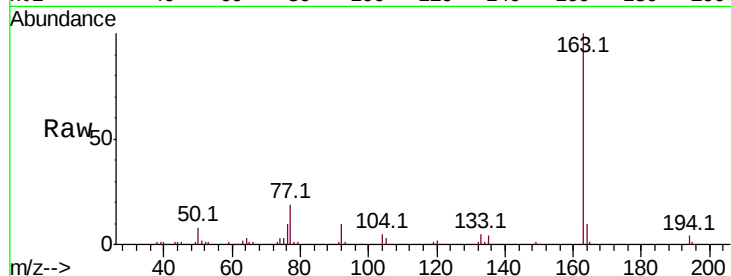
Tot Ion:163 Resp: 105301

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

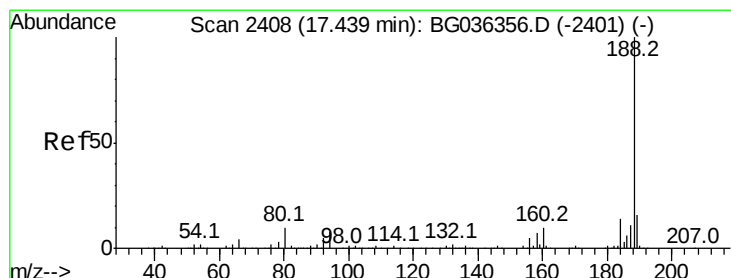
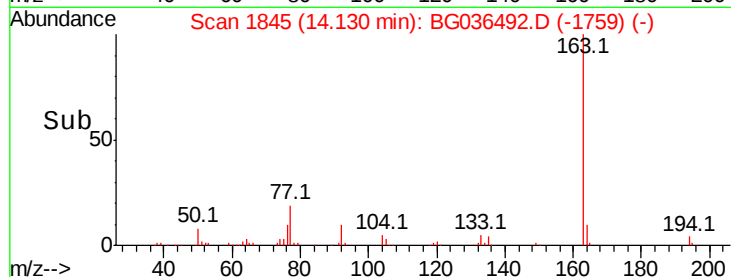
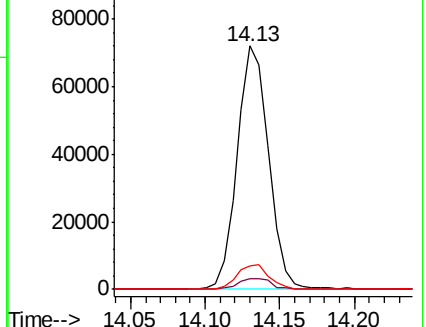
164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

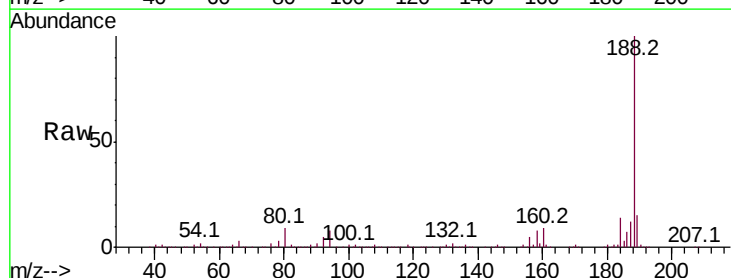
Tgt Ion:188 Resp: 448318

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

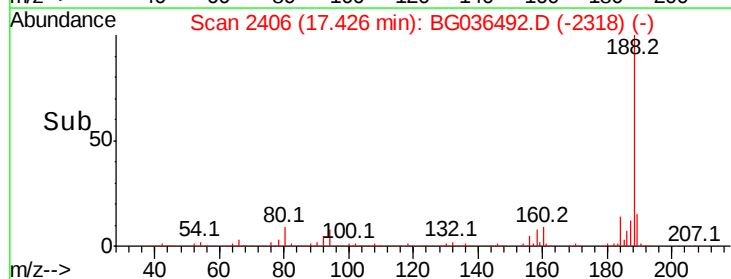
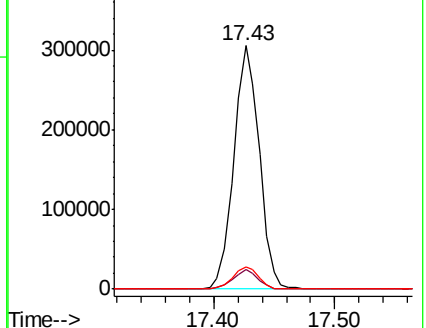
80 9.3 8.1 12.1

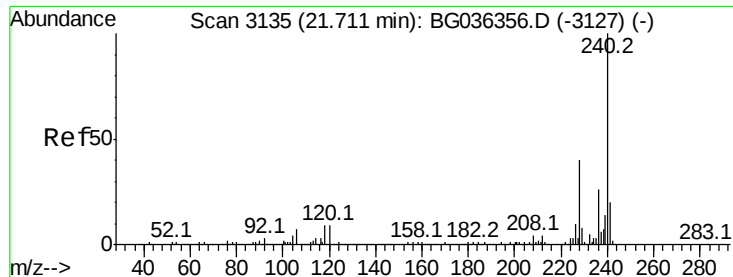


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

Instrument :

BNA\_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

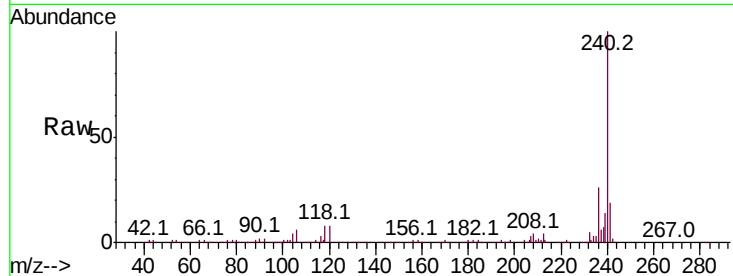
Tot Ion:240 Resp: 491709

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

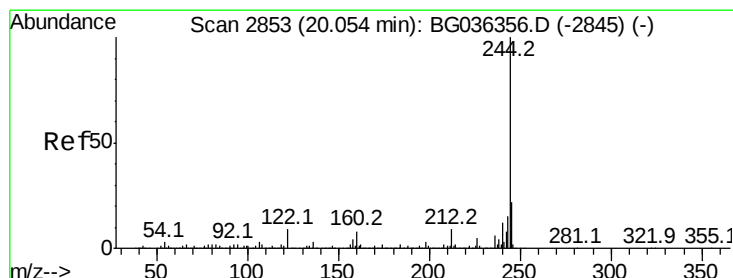
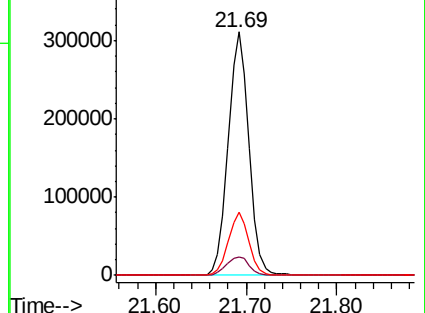
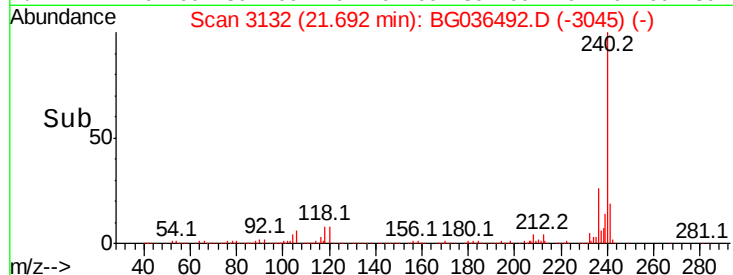
236 25.7 21.2 31.8



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



#78

Terphenyl-d14

Concen: 79.796 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

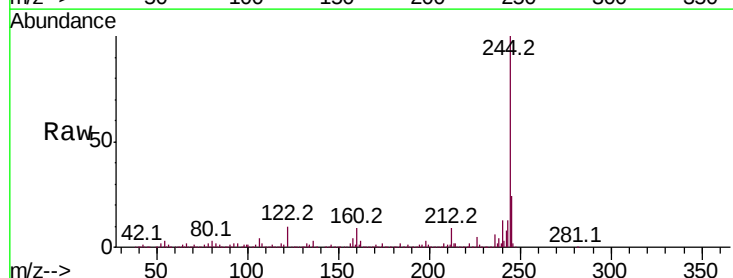
Tgt Ion:244 Resp: 1678676

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

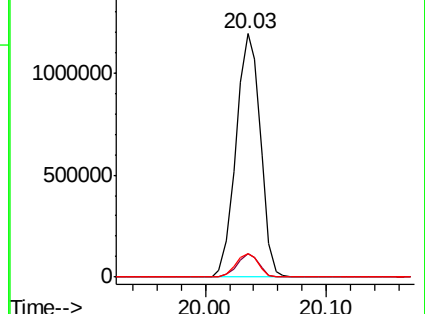
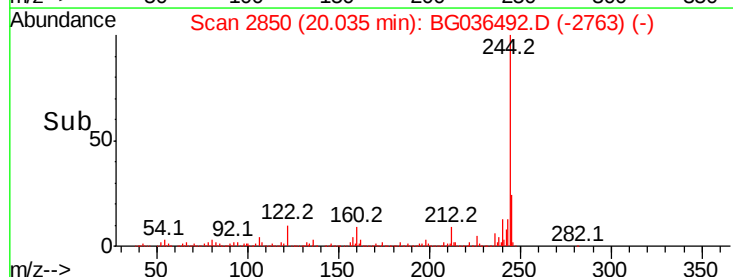
122 9.6 7.1 10.7

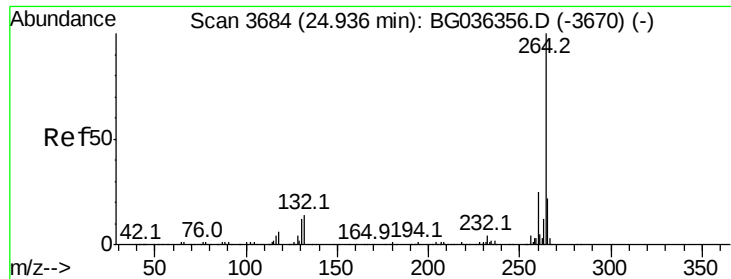


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

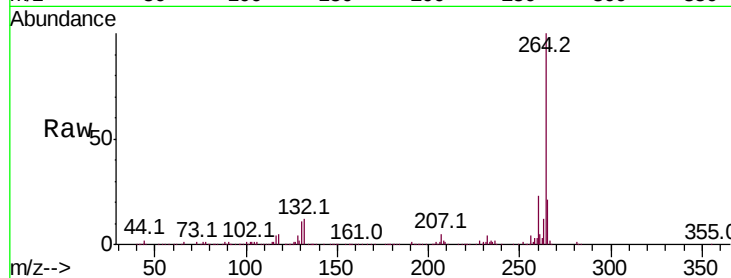




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.91 min Scan# 3679  
Delta R.T. -0.03 min  
Lab File: BG036492.D  
Acq: 31 Aug 2018 00:03

Instrument :  
BNA\_G  
ClientSampleId :  
CB-0818-S-TCLP-GRID-42(2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.6  | 19.6  | 29.4  |
| 265     | 21.5  | 17.4  | 26.0  |



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

