

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\  
 Data File : BG037878.D  
 Acq On : 7 Nov 2018 23:54  
 Operator : JU/SJ  
 Sample : J5808-13  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 110118-TIPC-E-U-S

Quant Time: Nov 08 15:41:59 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

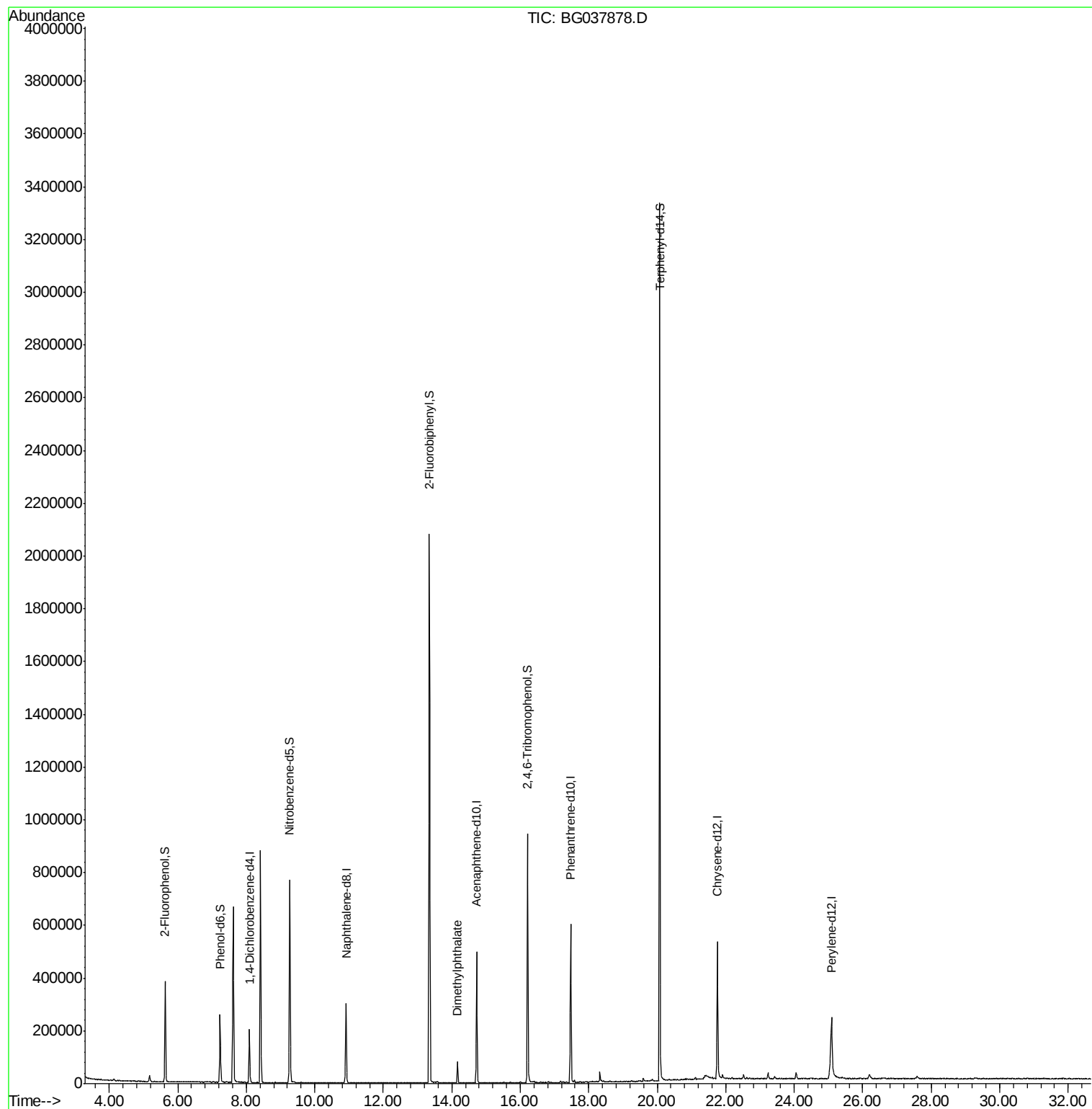
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.09  | 152  | 63114    | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 10.91 | 136  | 275209   | 20.00  | ng    | -0.01          |
| 39) Acenaphthene-d10        | 14.73 | 164  | 176346   | 20.00  | ng    | -0.01          |
| 64) Phenanthrene-d10        | 17.47 | 188  | 391329   | 20.00  | ng    | -0.01          |
| 76) Chrysene-d12            | 21.75 | 240  | 339842   | 20.00  | ng    | -0.02          |
| 87) Perylene-d12            | 25.09 | 264  | 320346   | 20.00  | ng    | -0.03          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.63  | 112  | 180844   | 47.90  | ng    | -0.01          |
| 7) Phenol-d6                | 7.24  | 99   | 166740   | 29.21  | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 9.27  | 82   | 498598   | 101.49 | ng    | -0.01          |
| 42) 2,4,6-Tribromophenol    | 16.21 | 330  | 180065   | 93.62  | ng    | -0.01          |
| 45) 2-Fluorobiphenyl        | 13.35 | 172  | 1166734  | 99.77  | ng    | -0.02          |
| 79) Terphenyl-d14           | 20.07 | 244  | 1567994  | 98.59  | ng    | -0.01          |
| Target Compounds            |       |      |          |        |       |                |
| 50) Dimethylphthalate       | 14.17 | 163  | 59449    | 4.358  | ng    | Qvalue<br># 98 |

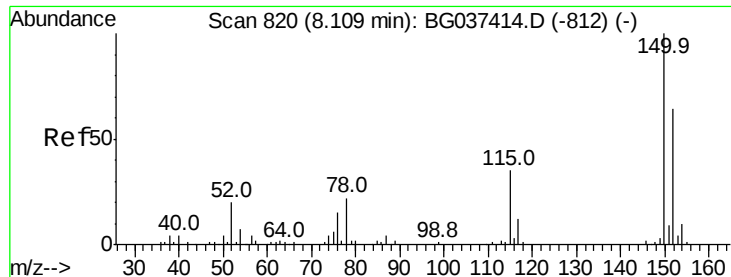
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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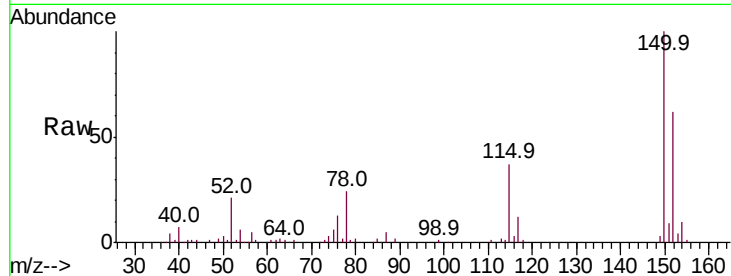


#1

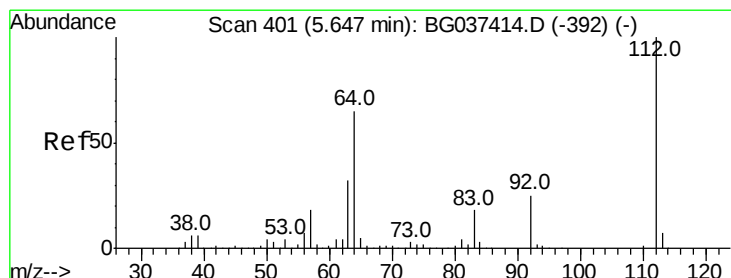
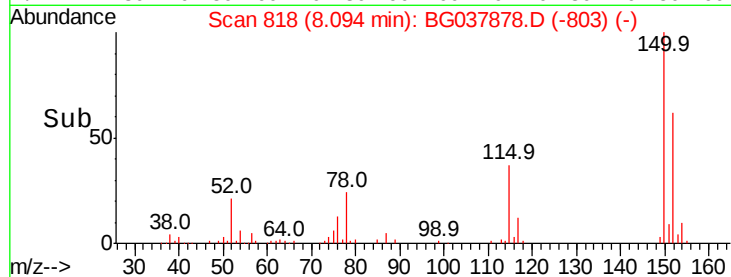
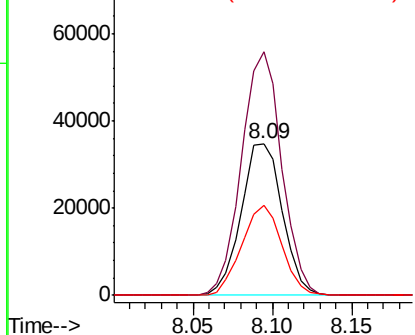
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.09 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BG037878.D  
Acq: 7 Nov 2018 23:54

Instrument :  
BNA\_G  
ClientSampleId :  
110118-TIPC-E-U-S

Tot Ion:152 Resp: 63114  
Ion Ratio Lower Upper  
152 100  
150 160.2 126.0 189.0  
115 59.6 45.5 68.3



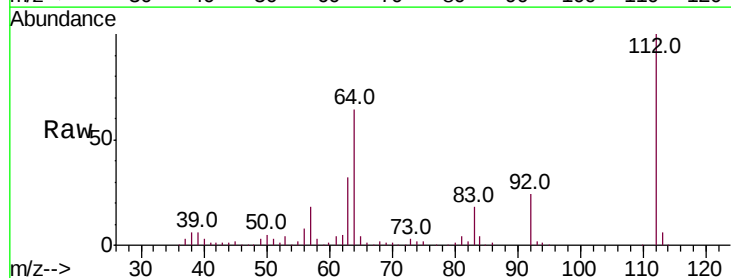
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



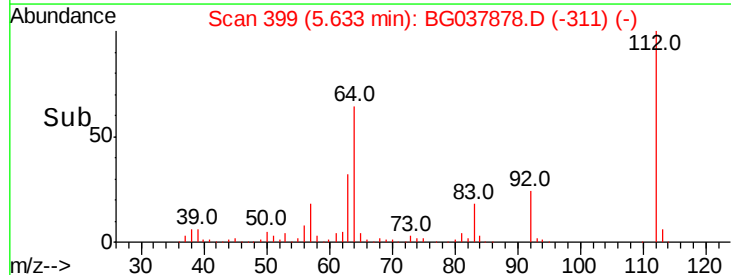
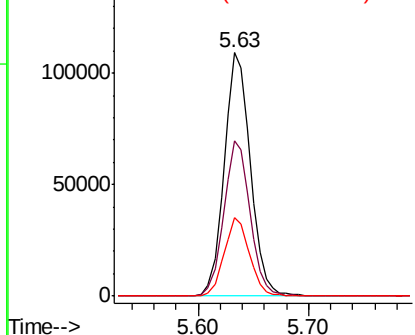
#5

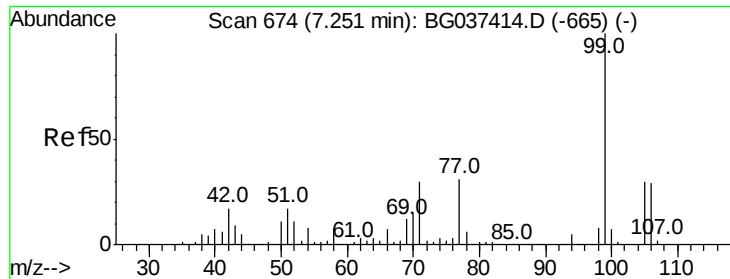
2-Fluorophenol  
Concen: 47.905 ng  
RT: 5.63 min Scan# 399  
Delta R.T. -0.01 min  
Lab File: BG037878.D  
Acq: 7 Nov 2018 23:54

Tgt Ion:112 Resp: 180844  
Ion Ratio Lower Upper  
112 100  
64 63.9 53.1 79.7  
63 32.0 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: 29.210 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037878.D

Acq: 7 Nov 2018 23:54

Instrument :

BNA\_G

ClientSampleId :

110118-TIPC-E-U-S

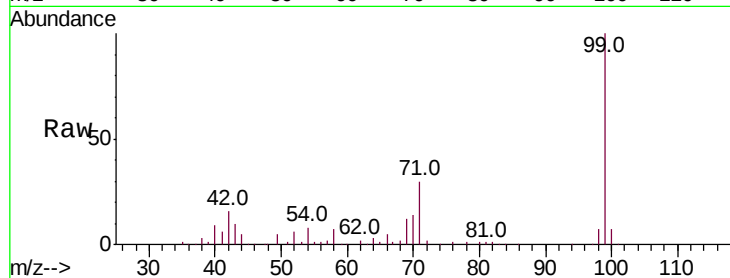
Tot Ion: 99 Resp: 166740

Ion Ratio Lower Upper

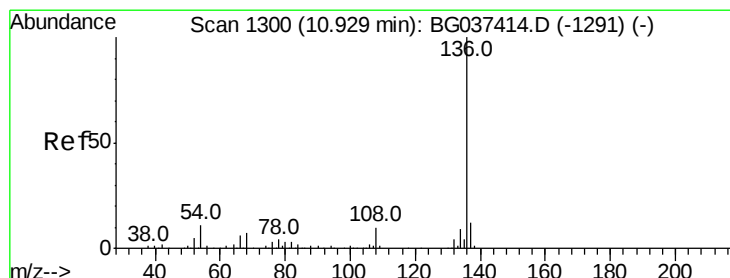
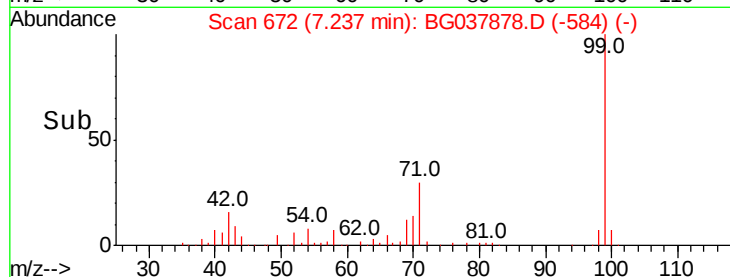
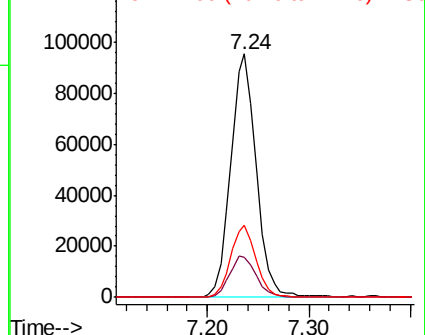
99 100

42 16.4 15.0 22.4

71 29.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037878.D

Acq: 7 Nov 2018 23:54

Tgt Ion: 136 Resp: 275209

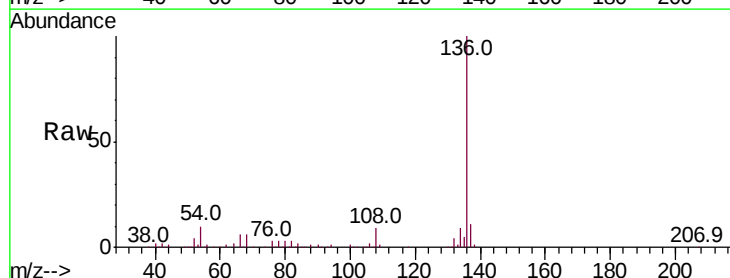
Ion Ratio Lower Upper

136 100

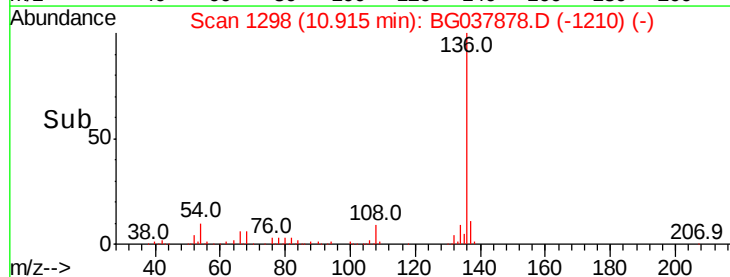
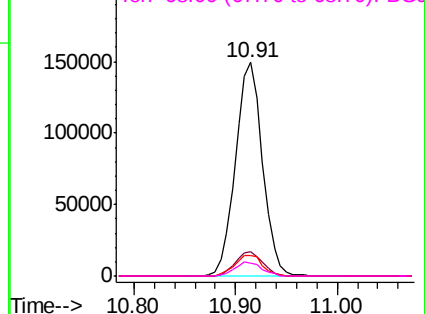
137 11.3 9.6 14.4

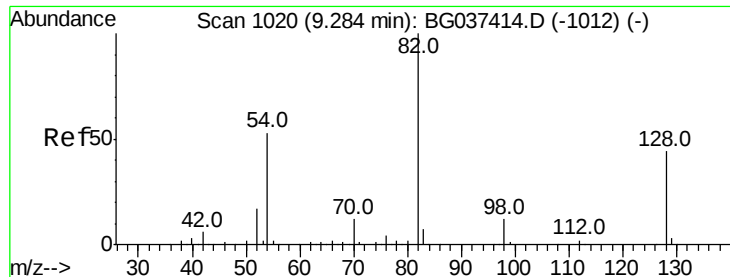
54 9.8 7.9 11.9

68 6.1 4.8 7.2



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

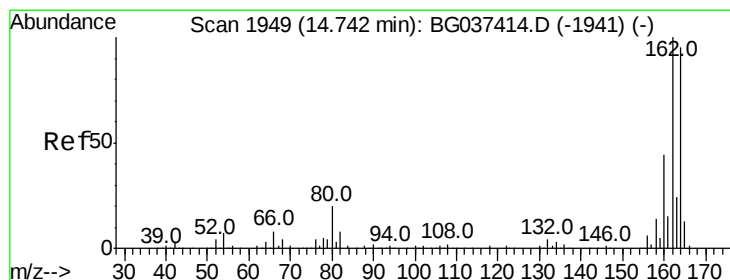
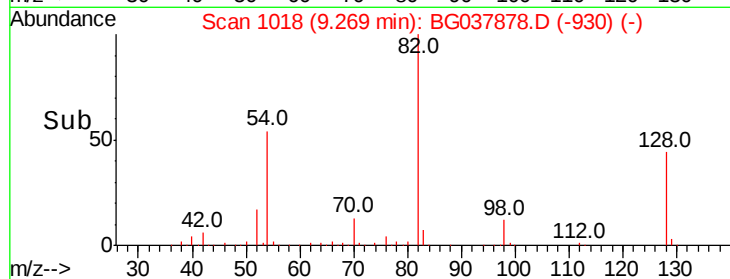
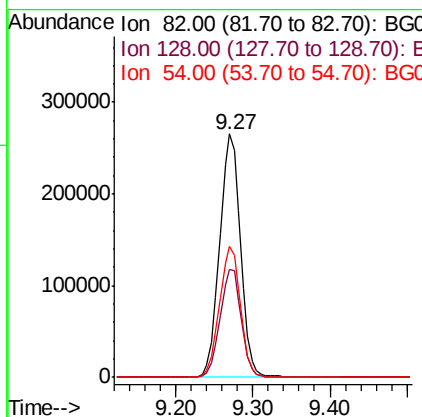
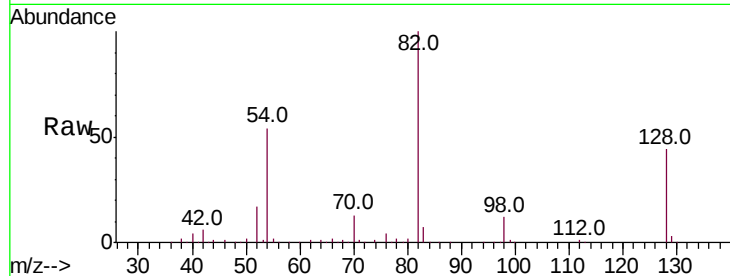




#23  
 Nitrobenzene-d5  
 Concen: 101.490 ng  
 RT: 9.27 min Scan# 1018  
 Delta R.T. -0.01 min  
 Lab File: BG037878.D  
 Acq: 7 Nov 2018 23:54

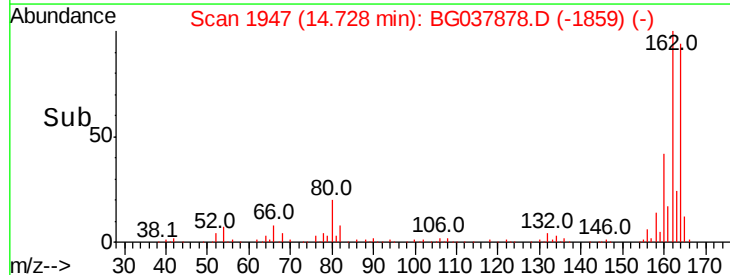
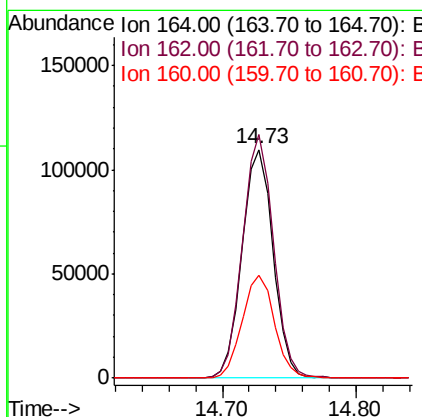
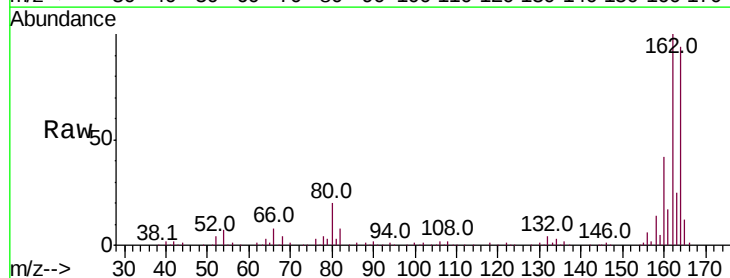
Instrument :  
 BNA\_G  
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 110118-TIPC-E-U-S

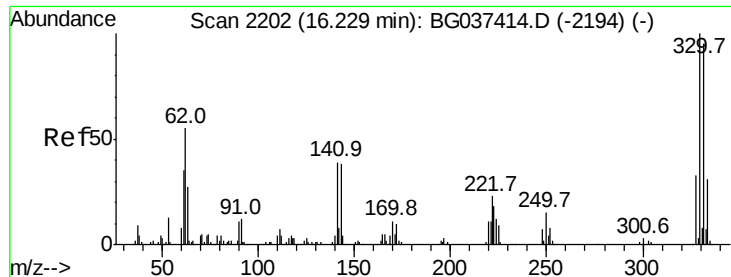
| Tot Ion | 82    | Resp  | 498598 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 44.3  | 34.6  | 51.8   |
| 54      | 53.9  | 45.3  | 67.9   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.73 min Scan# 1947  
 Delta R.T. -0.01 min  
 Lab File: BG037878.D  
 Acq: 7 Nov 2018 23:54

| Tgt Ion | 164   | Resp  | 176346 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 106.5 | 81.3  | 121.9  |
| 160     | 45.0  | 36.3  | 54.5   |

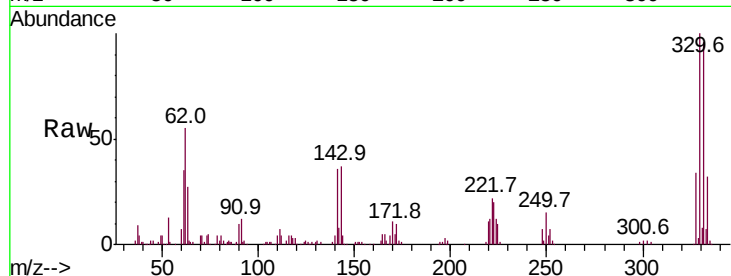




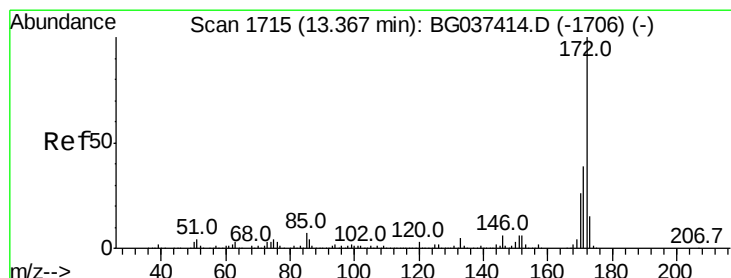
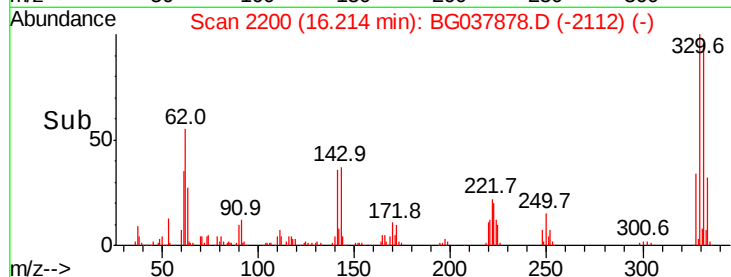
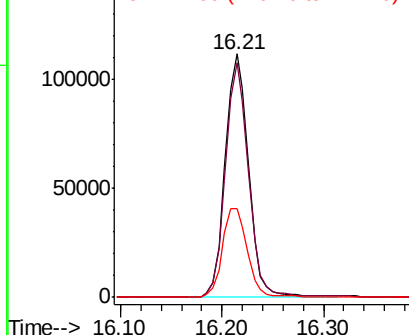
#42  
 2,4,6-Tribromophenol  
 Concen: 93.619 ng  
 RT: 16.21 min Scan# 2200  
 Delta R.T. -0.01 min  
 Lab File: BG037878.D  
 Acq: 7 Nov 2018 23:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 110118-TIPC-E-U-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.1  | 78.4  | 117.6 |
| 141     | 38.9  | 32.2  | 48.2  |

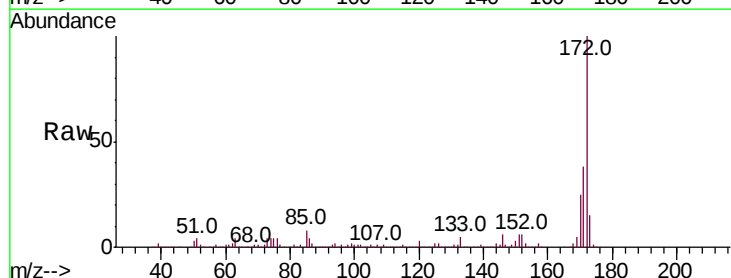


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

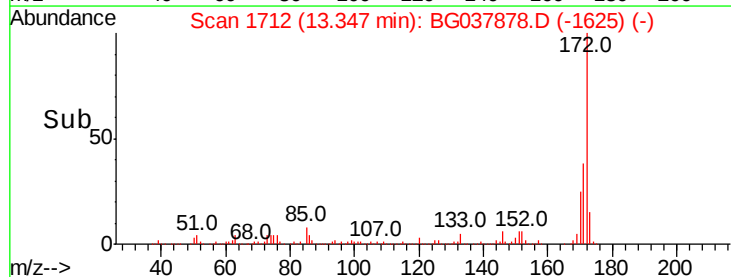
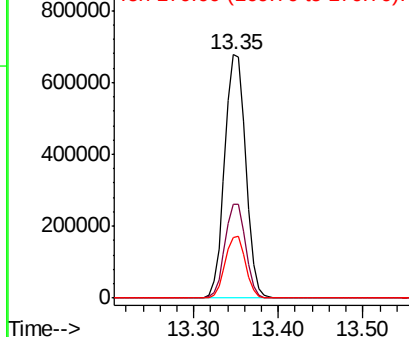


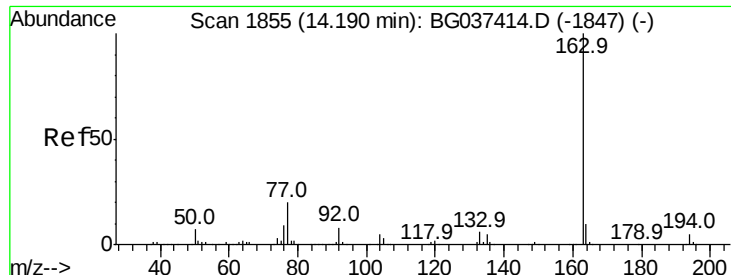
#45  
 2-Fluorobiphenyl  
 Concen: 99.768 ng  
 RT: 13.35 min Scan# 1712  
 Delta R.T. -0.02 min  
 Lab File: BG037878.D  
 Acq: 7 Nov 2018 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.5  | 31.0  | 46.4  |
| 170     | 25.1  | 20.2  | 30.2  |



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

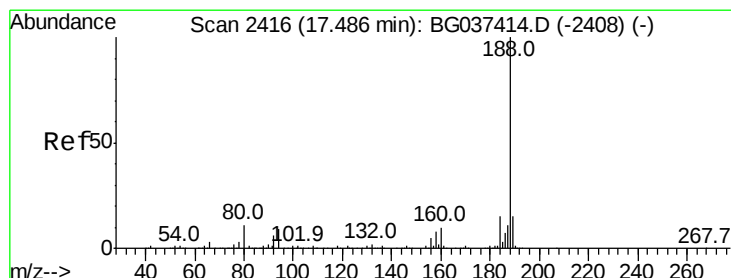
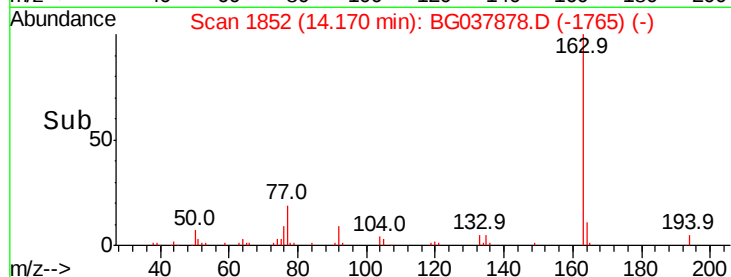
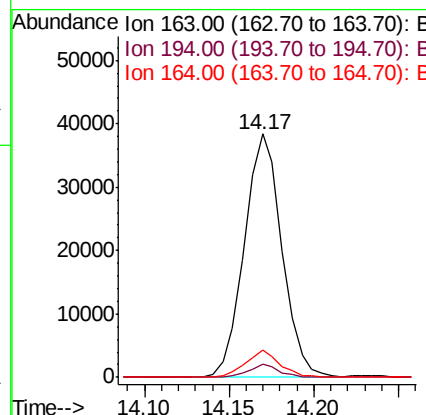
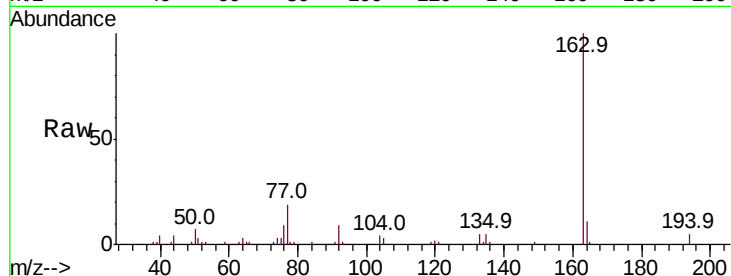




#50  
Dimethylphthalate  
Concen: 4.358 ng  
RT: 14.17 min Scan# 1852  
Delta R.T. -0.02 min  
Lab File: BG037878.D  
Acq: 7 Nov 2018 23:54

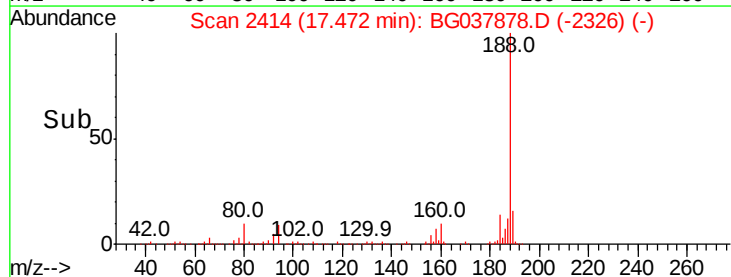
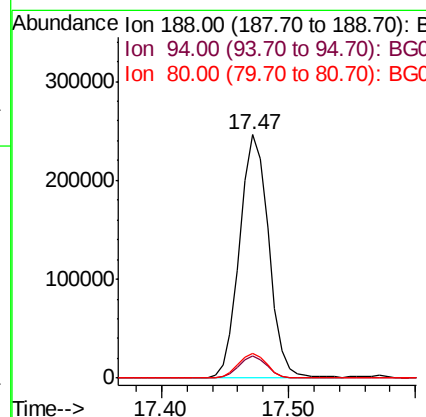
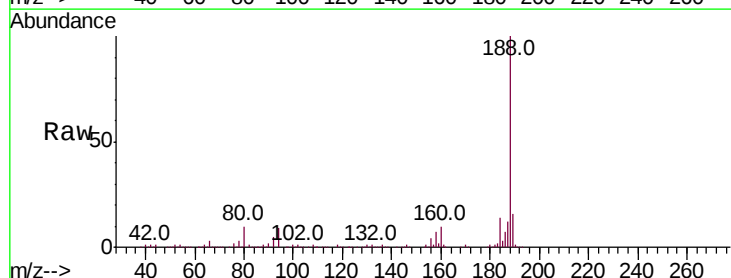
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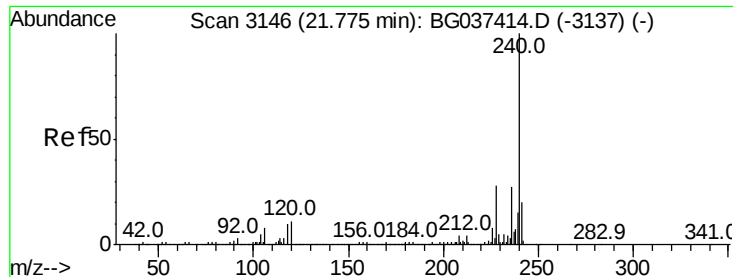
Tot Ion:163 Resp: 59449  
Ion Ratio Lower Upper  
163 100  
194 5.4 3.5 5.3#  
164 11.1 8.5 12.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.47 min Scan# 2414  
Delta R.T. -0.01 min  
Lab File: BG037878.D  
Acq: 7 Nov 2018 23:54

Tgt Ion:188 Resp: 391329  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.2 10.8  
80 10.0 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037878.D

Acq: 7 Nov 2018 23:54

Instrument :

BNA\_G

ClientSampleId :

110118-TIPC-E-U-S

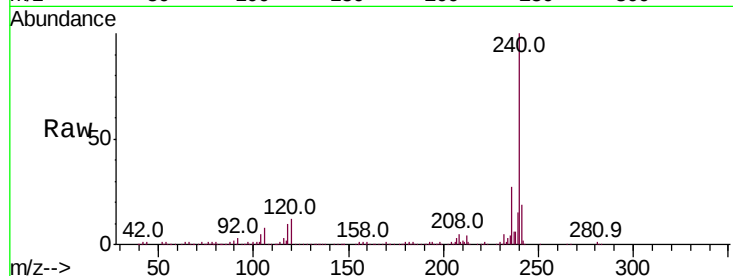
Tot Ion:240 Resp: 339842

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.8  | 8.1   | 12.1  |
| 236 | 26.7  | 21.4  | 32.0  |

240 100

120 11.8 8.1 12.1

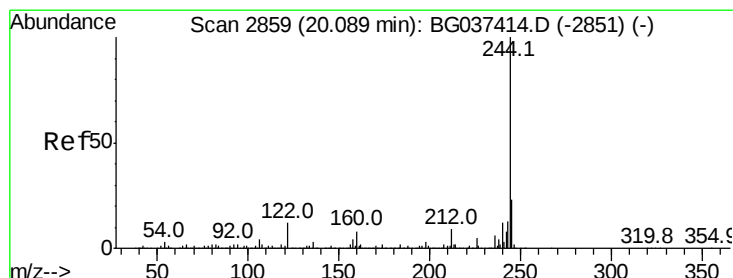
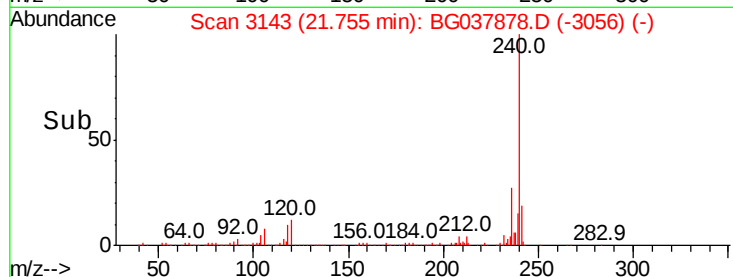
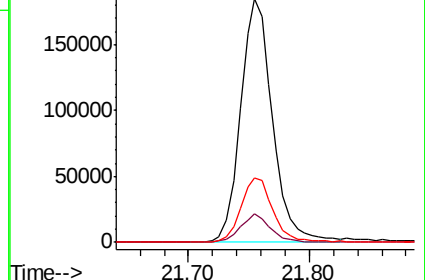
236 26.7 21.4 32.0



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



#79

Terphenyl-d14

Concen: 98.588 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037878.D

Acq: 7 Nov 2018 23:54

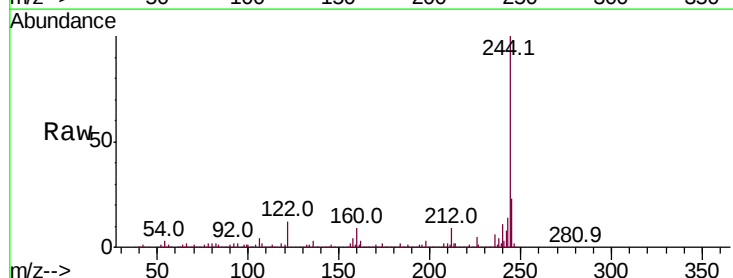
Tgt Ion:244 Resp: 1567994

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.8   | 6.5   | 9.7   |
| 122 | 11.8  | 9.0   | 13.4  |

244 100

212 8.8 6.5 9.7

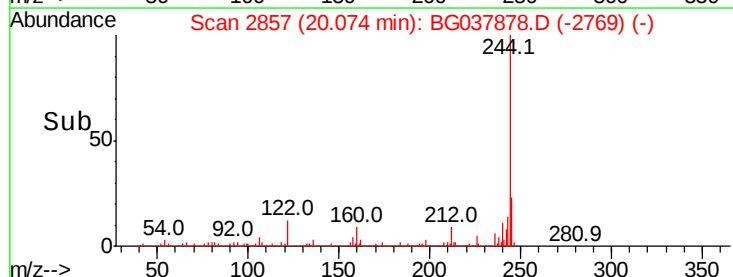
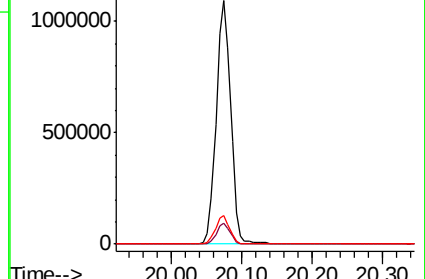
122 11.8 9.0 13.4

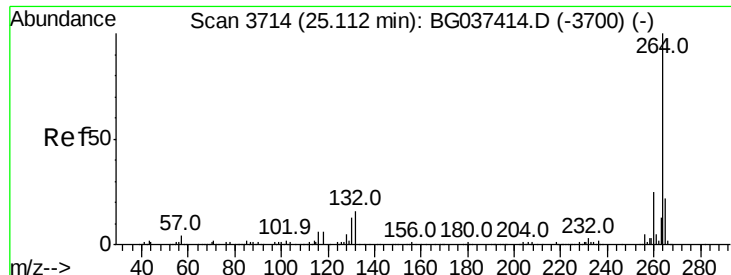


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 25.09 min Scan# 3710  
 Delta R.T. -0.03 min  
 Lab File: BG037878.D  
 Acq: 7 Nov 2018 23:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 110118-TIPC-E-U-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.2  | 18.2  | 27.4  |
| 265     | 22.0  | 17.9  | 26.9  |

