

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\  
 Data File : BG034028.D  
 Acq On : 27 Apr 2018 1:51  
 Operator : SJ/JU  
 Sample : J2571-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 042418-DBRI-E-U-S

Manual Integrations  
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 4/27/2018 7:31:06 PM

Quant Time: Apr 27 07:14:01 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 19 13:56:22 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.82  | 152  | 55870    | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 10.60 | 136  | 258750   | 20.00  | ng    | -0.03        |
| 38) Acenaphthene-d10        | 14.44 | 164  | 199620   | 20.00  | ng    | -0.03        |
| 63) Phenanthrene-d10        | 17.20 | 188  | 567493   | 20.00  | ng    | -0.03        |
| 75) Chrysene-d12            | 21.45 | 240  | 621874   | 20.00  | ng    | -0.04        |
| 86) Perylene-d12            | 24.49 | 264  | 622504   | 20.00  | ng    | -0.07        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.44  | 112  | 139729   | 39.93  | ng    | 0.00         |
| 7) Phenol-d6                | 7.01  | 99   | 112024m  | 21.95  | ng    | 0.01         |
| 23) Nitrobenzene-d5         | 8.97  | 82   | 394178   | 86.70  | ng    | -0.01        |
| 41) 2,4,6-Tribromophenol    | 15.94 | 330  | 254125   | 109.12 | ng    | -0.03        |
| 44) 2-Fluorobiphenyl        | 13.06 | 172  | 1338338  | 98.49  | ng    | -0.04        |
| 78) Terphenyl-d14           | 19.83 | 244  | 2539667  | 91.75  | ng    | -0.03        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 13.91 | 163  | 35846    | 2.041  | ng    | Qvalue<br>96 |

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

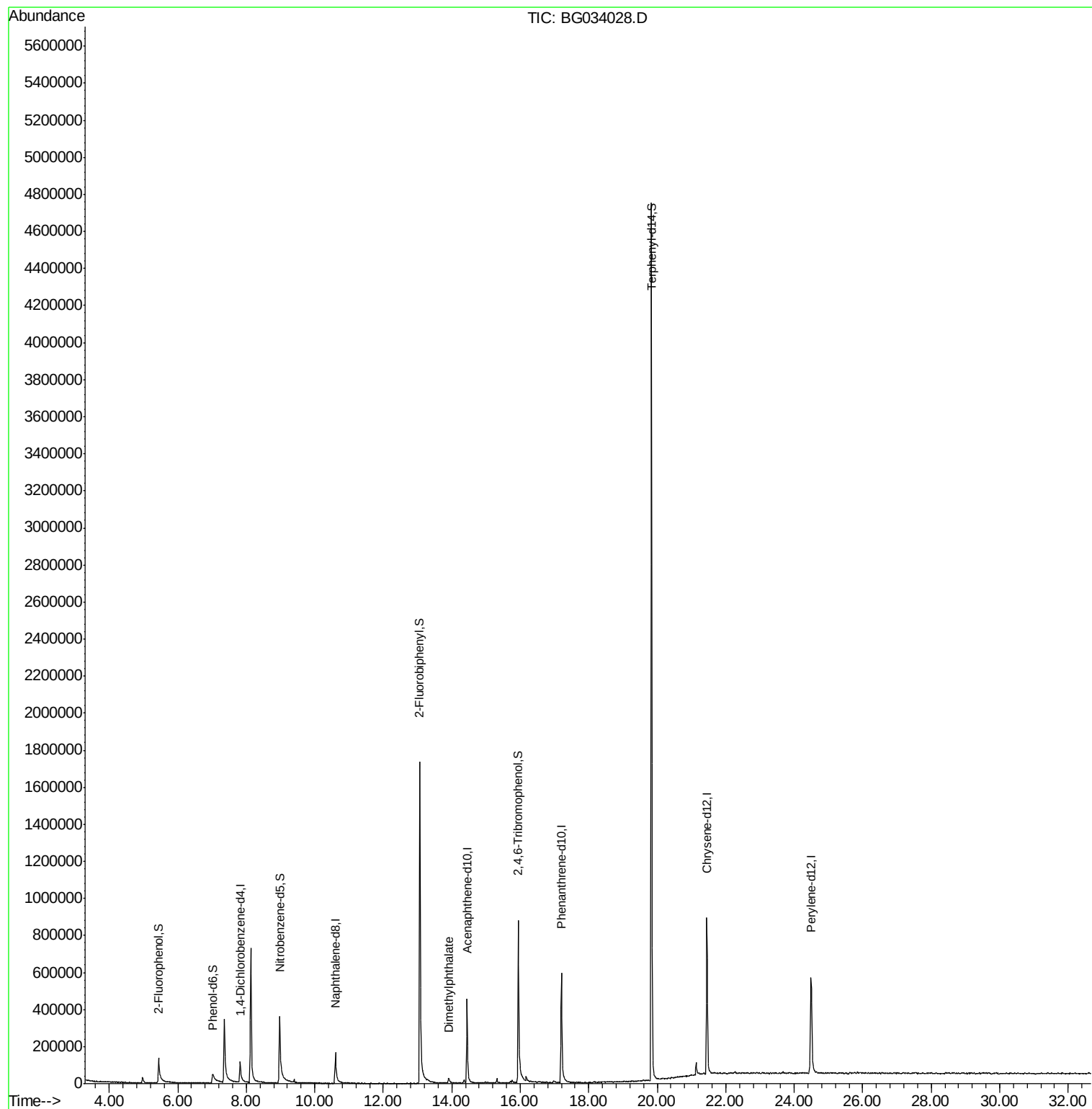
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\  
Data File : BG034028.D  
Acq On : 27 Apr 2018 1:51  
Operator : SJ/JU  
Sample : J2571-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

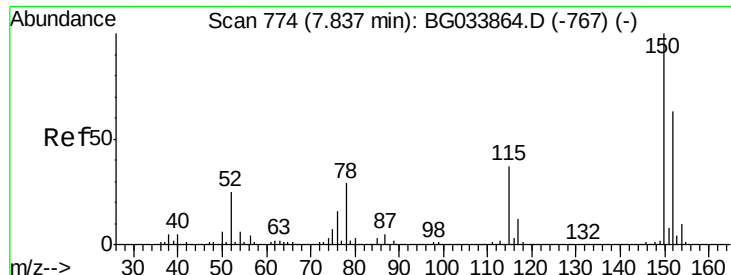
Instrument :  
BNA\_G  
ClientSampleId :  
042418-DBRI-E-U-S

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Quant Time: Apr 27 07:14:01 2018  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 19 13:56:22 2018  
Response via : Initial Calibration





#1

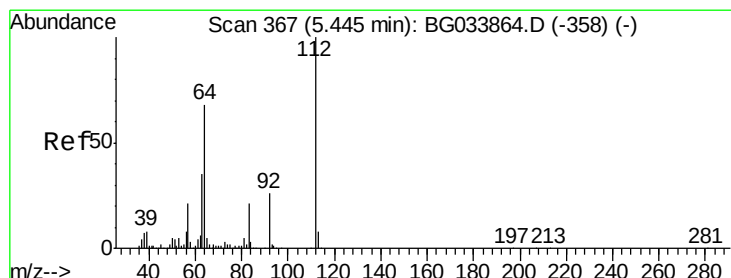
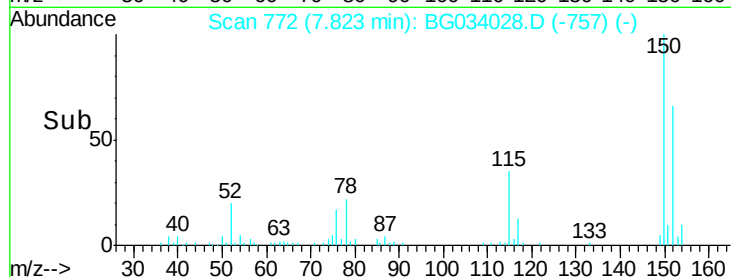
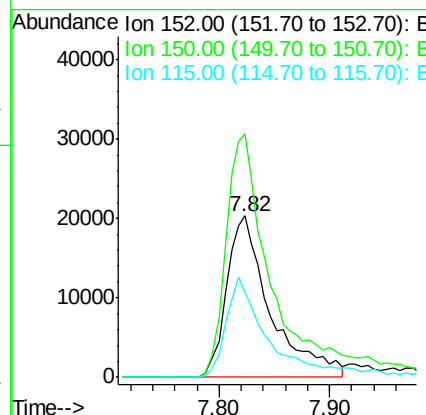
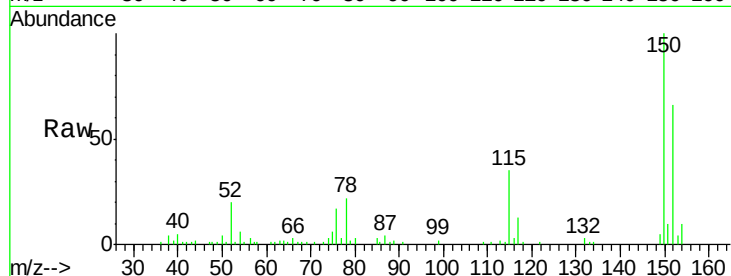
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.82 min Scan# 772  
Delta R.T. -0.01 min  
Lab File: BG034028.D  
Acq: 27 Apr 2018 1:51

Instrument :  
BNA\_G  
ClientSampleId :  
042418-DBRI-E-U-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.9 | 126.6 | 189.8 |
| 115     | 52.7  | 53.0  | 79.4  |

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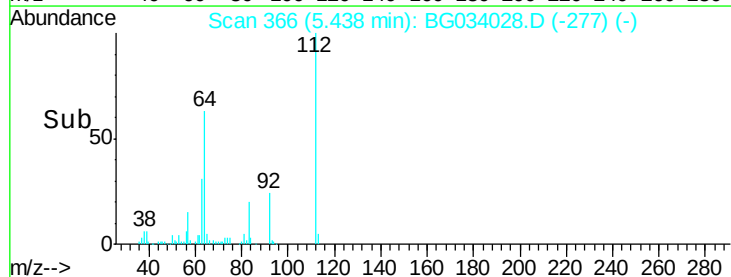
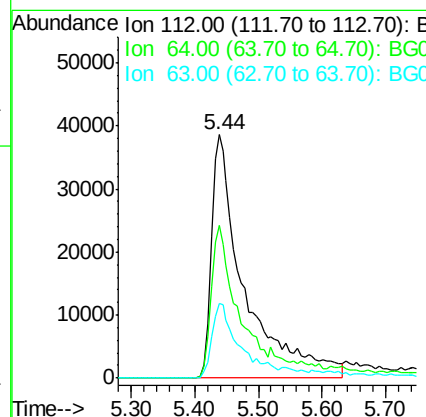
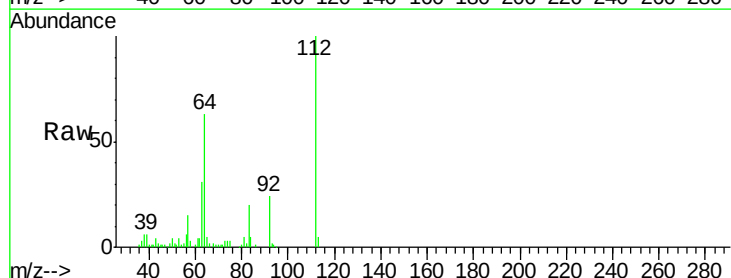
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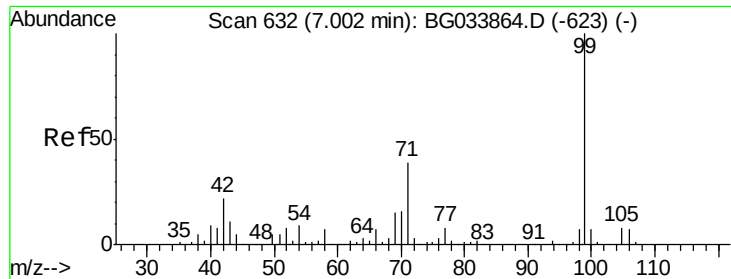


#5

2-Fluorophenol  
Concen: 39.929 ng  
RT: 5.44 min Scan# 366  
Delta R.T. -0.01 min  
Lab File: BG034028.D  
Acq: 27 Apr 2018 1:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.0  | 56.3  | 84.5  |
| 63      | 30.7  | 30.1  | 45.1  |





#7

Phenol-d6

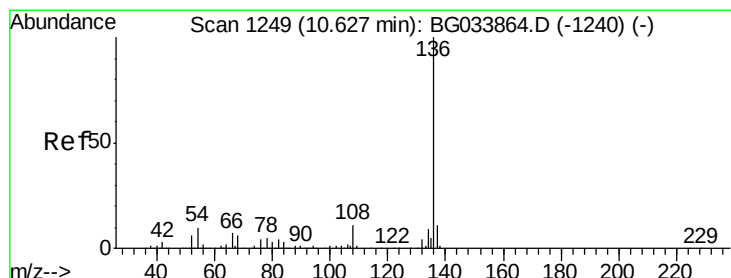
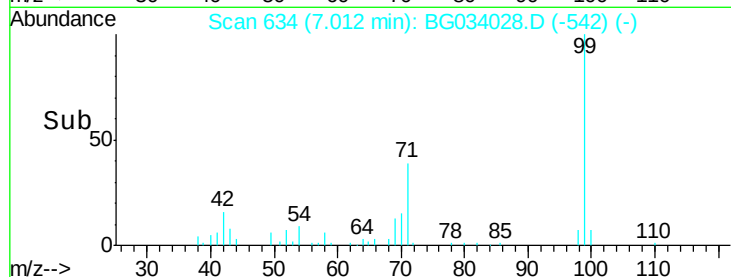
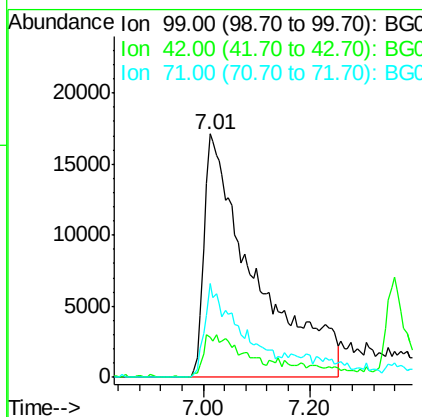
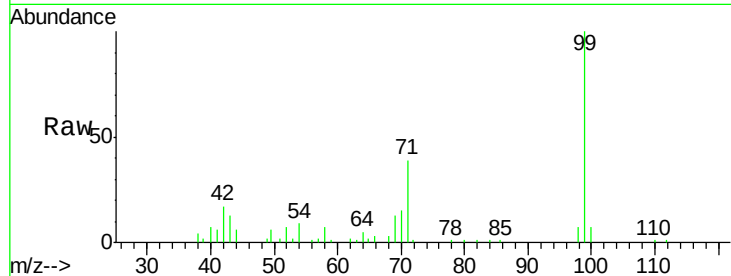
Concen: 21.948 ng/mL  
 RT: 7.01 min Scan# 634  
 Delta R.T. 0.01 min  
 Lab File: BG034028.D  
 Acq: 27 Apr 2018 1:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 042418-DBRI-E-U-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 16.7  | 14.1  | 21.1  |
| 71      | 38.5  | 26.1  | 39.1  |

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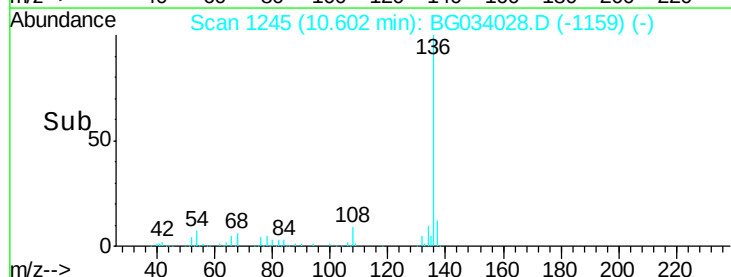
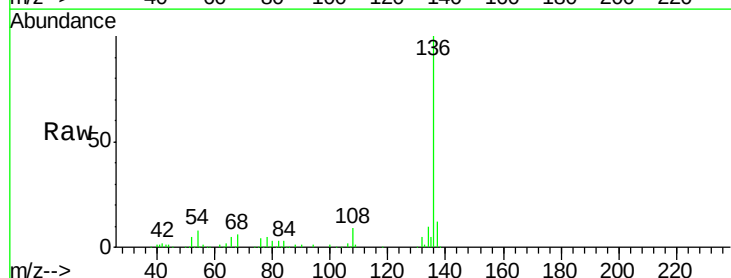
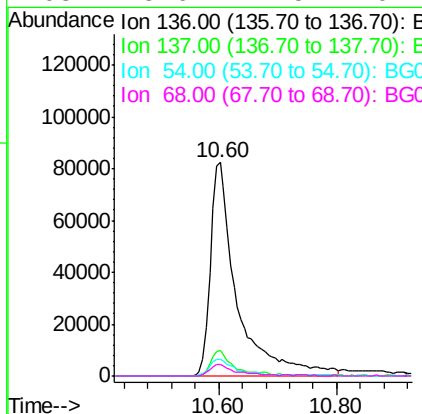


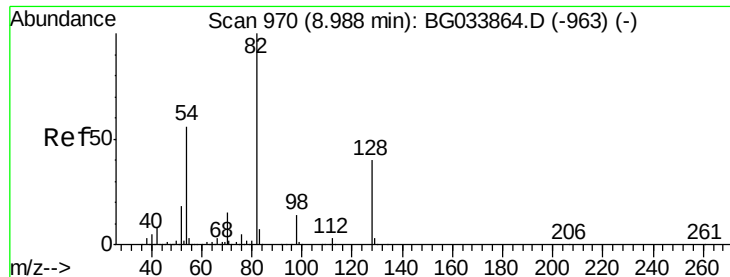
#21

Naphthalene-d8

Concen: 20.000 ng/mL  
 RT: 10.60 min Scan# 1245  
 Delta R.T. -0.03 min  
 Lab File: BG034028.D  
 Acq: 27 Apr 2018 1:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.7  | 9.2   | 13.8  |
| 54      | 7.7   | 10.3  | 15.5# |
| 68      | 5.6   | 4.5   | 6.7   |





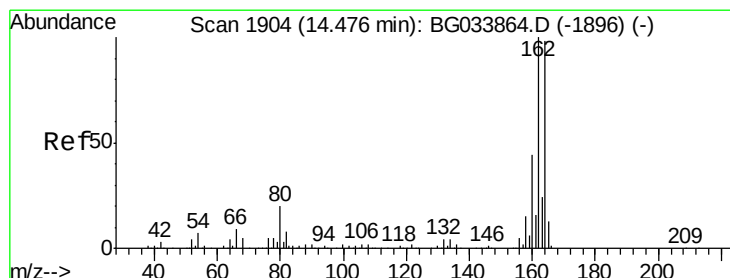
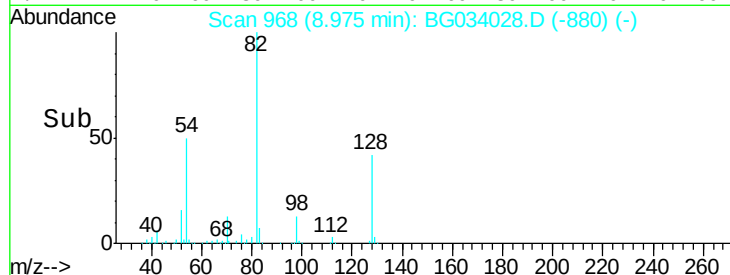
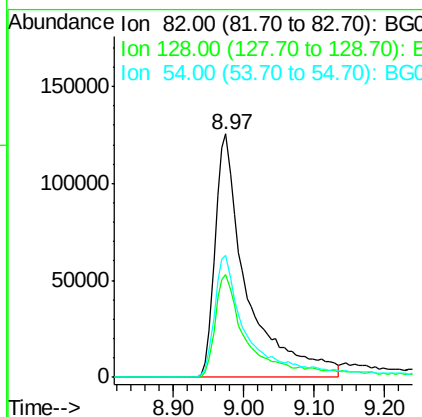
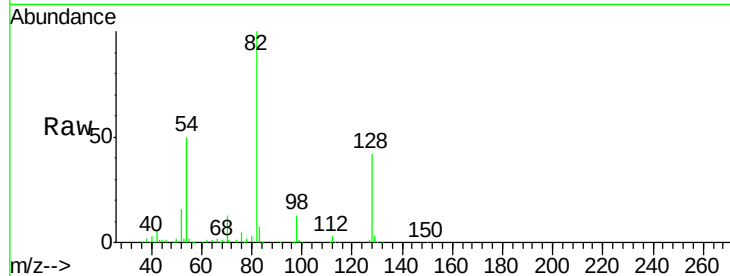
#23  
 Nitrobenzene-d5  
 Concen: 86.696 ng  
 RT: 8.97 min Scan# 968  
 Delta R.T. -0.01 min  
 Lab File: BG034028.D  
 Acq: 27 Apr 2018 1:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 042418-DBRI-E-U-S

| Tot Ion   | 82    | Resp  | 394178 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.2  | 29.7  | 44.5   |
| 54        | 49.9  | 43.1  | 64.7   |

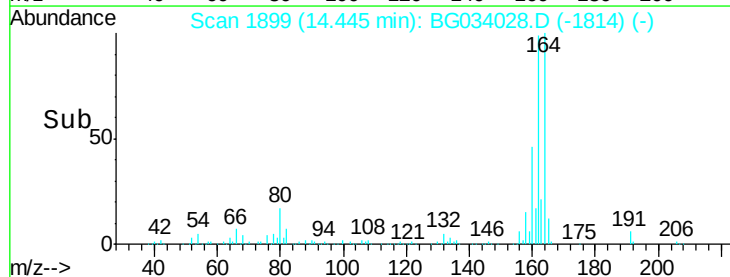
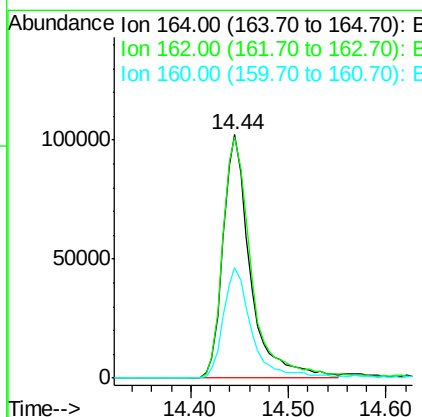
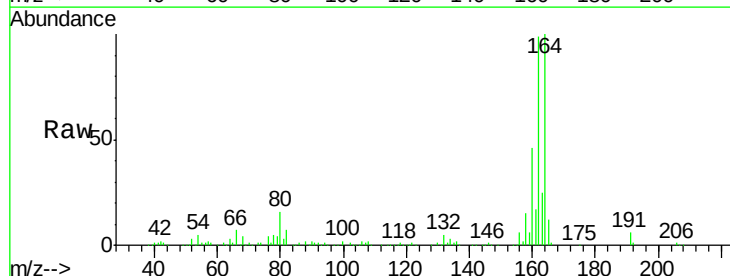
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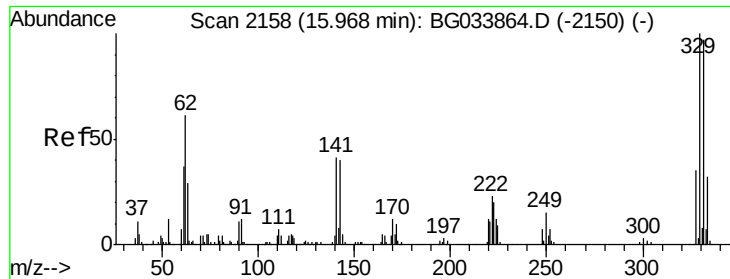
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#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.44 min Scan# 1899  
 Delta R.T. -0.03 min  
 Lab File: BG034028.D  
 Acq: 27 Apr 2018 1:51

| Tgt Ion   | 164   | Resp  | 199620 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.0  | 78.8  | 118.2  |
| 160       | 45.6  | 35.4  | 53.0   |





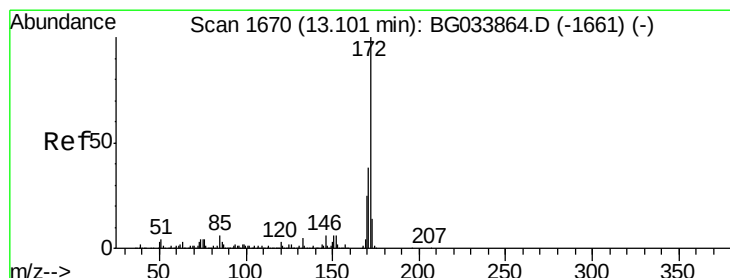
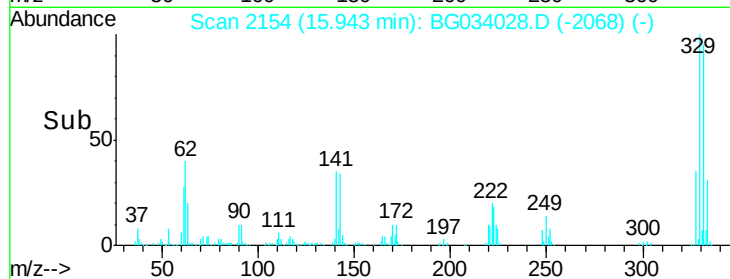
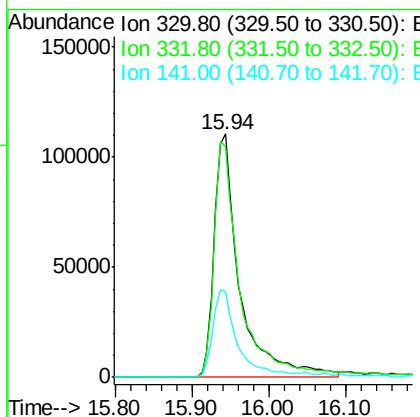
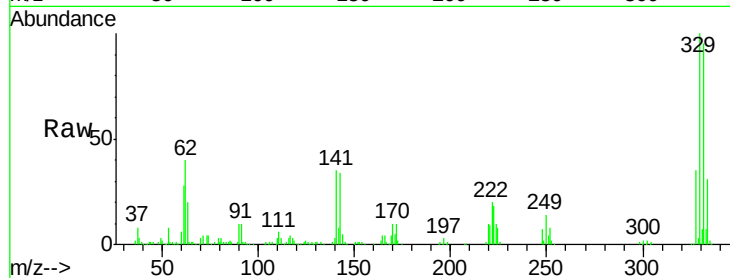
#41  
 2,4,6-Tribromophenol  
 Concen: 109.119 ng  
 RT: 15.94 min Scan# 2154  
 Delta R.T. -0.03 min  
 Lab File: BG034028.D  
 Acq: 27 Apr 2018 1:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 042418-DBRI-E-U-S

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 254125 |       |       |
| 332     | 101.8 | 77.0   | 115.6 |       |
| 141     | 34.8  | 25.2   | 37.8  |       |

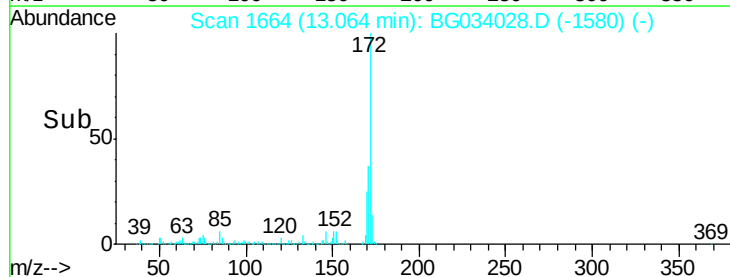
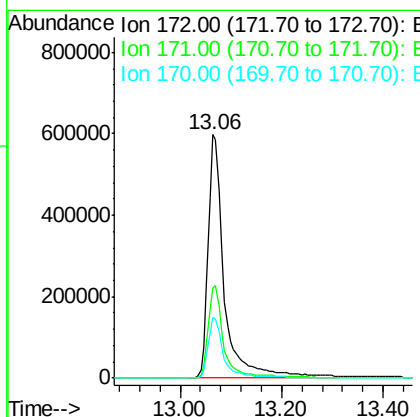
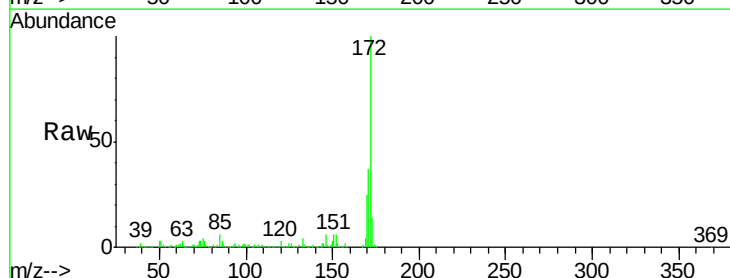
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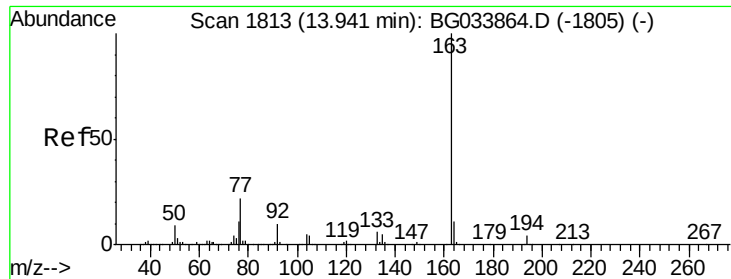
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#44  
 2-Fluorobiphenyl  
 Concen: 98.490 ng  
 RT: 13.06 min Scan# 1664  
 Delta R.T. -0.04 min  
 Lab File: BG034028.D  
 Acq: 27 Apr 2018 1:51

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1338338 |       |       |
| 171     | 37.2  | 30.0    | 45.0  |       |
| 170     | 25.0  | 19.5    | 29.3  |       |





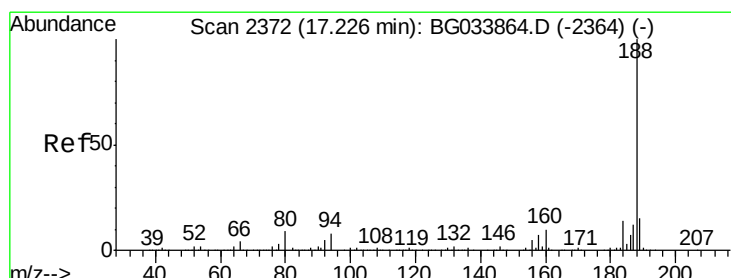
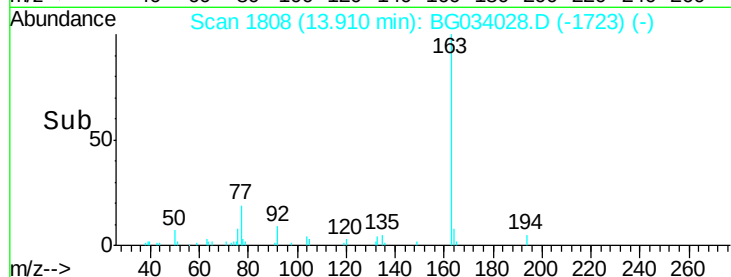
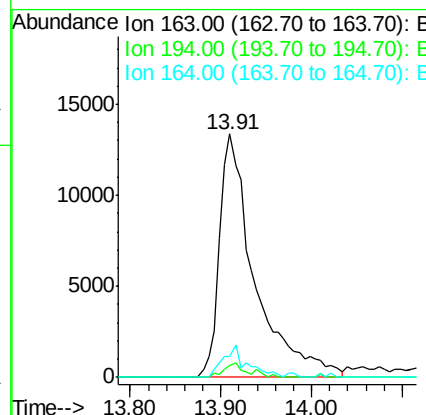
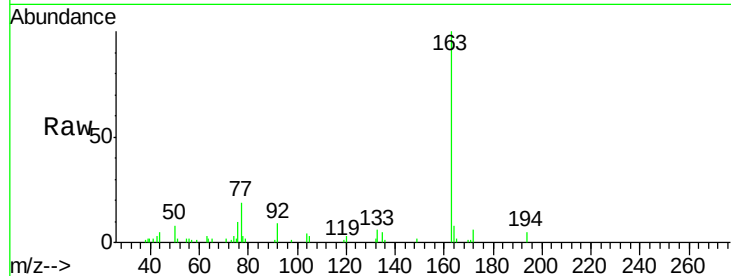
#49  
Dimethylphthalate  
Concen: 2.041 ng  
RT: 13.91 min Scan# 1808  
Delta R.T. -0.03 min  
Lab File: BG034028.D  
Acq: 27 Apr 2018 1:51

Instrument :  
BNA\_G  
ClientSampleId :  
042418-DBRI-E-U-S

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 35846 |       |       |
| 194     | 5.0   |       | 3.4   | 5.2   |
| 164     | 8.5   |       | 8.2   | 12.4  |

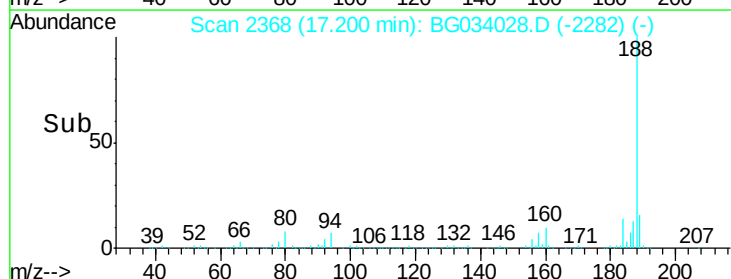
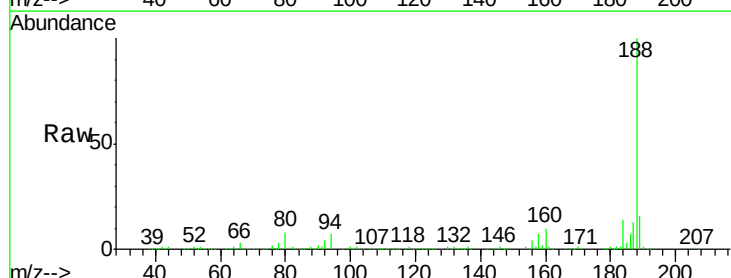
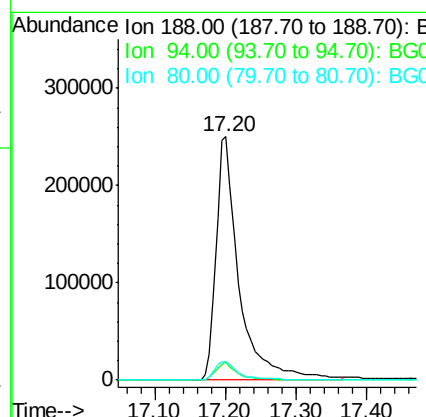
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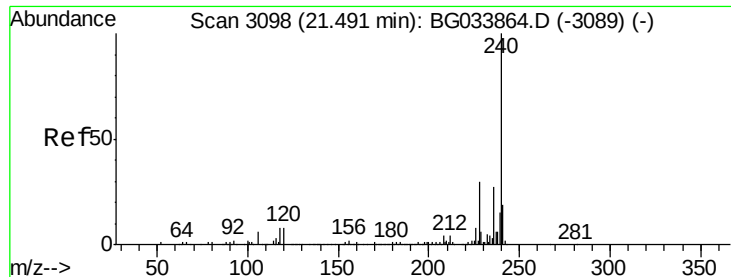
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#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.20 min Scan# 2368  
Delta R.T. -0.03 min  
Lab File: BG034028.D  
Acq: 27 Apr 2018 1:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 567493 |       |       |
| 94      | 7.3   |        | 6.9   | 10.3  |
| 80      | 7.7   |        | 7.7   | 11.5  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.45 min Scan# 3091

Delta R.T. -0.04 min

Lab File: BG034028.D

Acq: 27 Apr 2018 1:51

Instrument :

BNA\_G

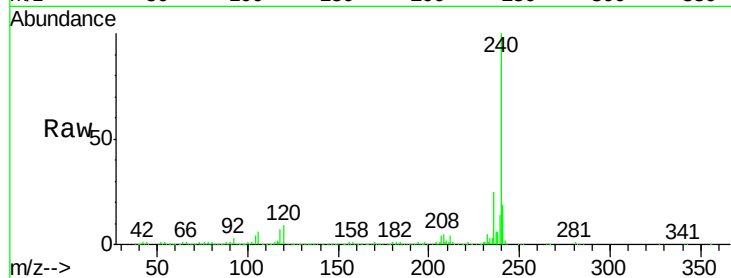
ClientSampleId :

042418-DBRI-E-U-S

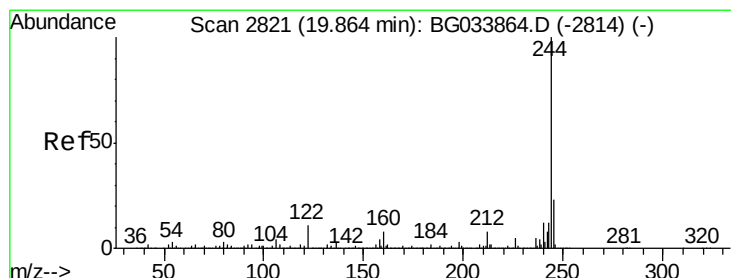
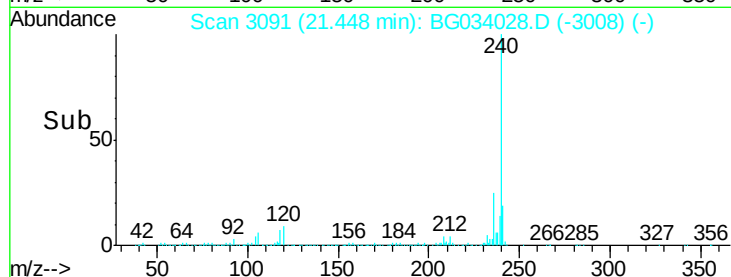
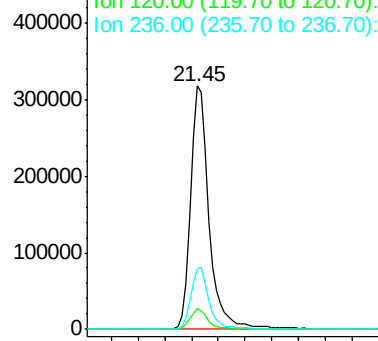
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 621874 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.6   | 6.8   | 10.2   |
| 236       | 24.8  | 20.9  | 31.3   |

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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: 91.749 ng

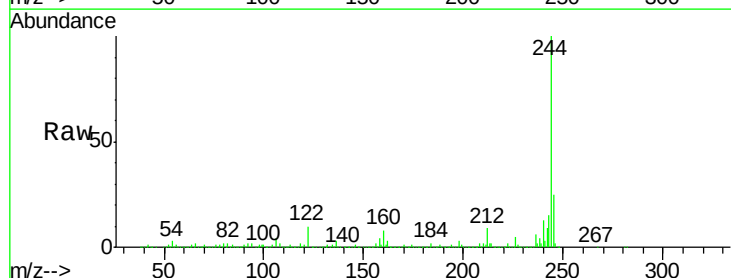
RT: 19.83 min Scan# 2816

Delta R.T. -0.03 min

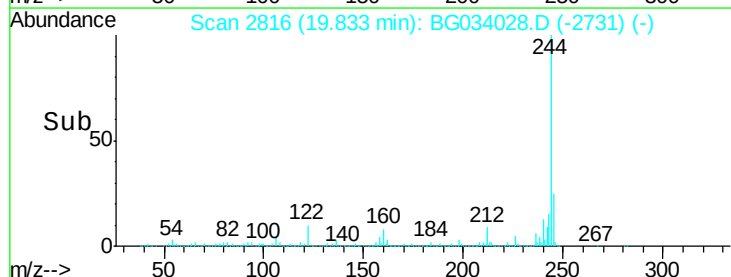
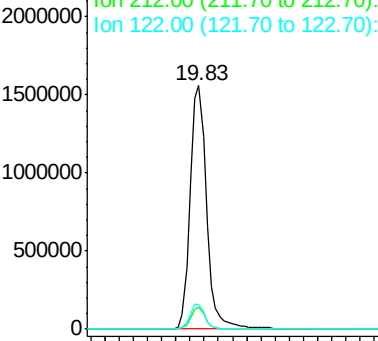
Lab File: BG034028.D

Acq: 27 Apr 2018 1:51

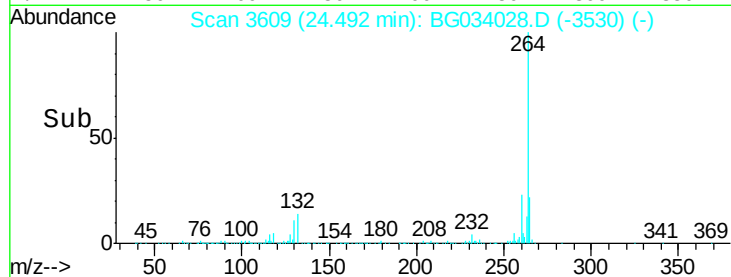
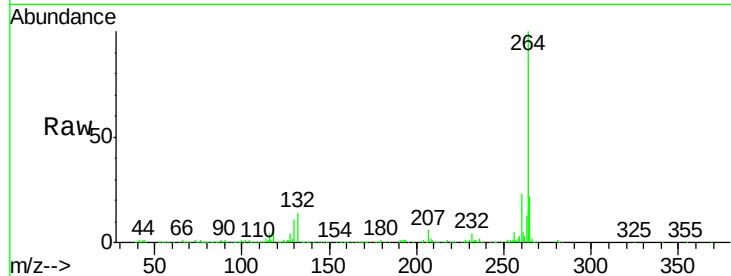
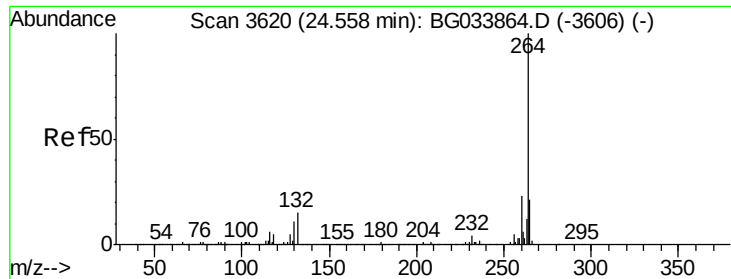
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 2539667 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 8.9   | 5.8   | 8.8#    |
| 122       | 10.2  | 7.0   | 10.4    |



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  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.49 min Scan# 3609  
Delta R.T. -0.07 min  
Lab File: BG034028.D  
Acq: 27 Apr 2018 1:51

Instrument :  
BNA\_G  
ClientSampleId :  
042418-DBRI-E-U-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 17.4  | 26.0  |
| 265     | 21.9  | 17.7  | 26.5  |

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