

Data Path : Z:\HPCHEM1\BNA G\Data\BG042718\  
 Data File : BG034066.D  
 Acq On : 28 Apr 2018 9:35  
 Operator : SJ/JU  
 Sample : J2572-05  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 042518-SIDI-E-U-M

Manual Integrations  
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Sohil  
 4/30/2018 7:03:38 PM

Quant Time: Apr 30 05:02:31 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   | 7.77  | 152  | 46746m   | 20.00  | ng    | -0.07        |
| 21) Naphthalene-d8          | 10.54 | 136  | 192620   | 20.00  | ng    | -0.08        |
| 38) Acenaphthene-d10        | 14.39 | 164  | 172988   | 20.00  | ng    | -0.09        |
| 63) Phenanthrene-d10        | 17.14 | 188  | 479050   | 20.00  | ng    | -0.08        |
| 75) Chrysene-d12            | 21.39 | 240  | 539149   | 20.00  | ng    | -0.10        |
| 86) Perylene-d12            | 24.39 | 264  | 515570   | 20.00  | ng    | -0.17        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.38  | 112  | 74535    | 25.46  | ng    | -0.07        |
| 7) Phenol-d6                | 7.00  | 99   | 79061m   | 18.51  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 8.92  | 82   | 296679   | 87.65  | ng    | -0.07        |
| 41) 2,4,6-Tribromophenol    | 15.89 | 330  | 225998   | 111.98 | ng    | -0.08        |
| 44) 2-Fluorobiphenyl        | 13.01 | 172  | 1158036  | 98.34  | ng    | -0.09        |
| 78) Terphenyl-d14           | 19.77 | 244  | 2317269  | 96.56  | ng    | -0.09        |
| Target Compounds            |       |      |          |        |       |              |
| 59) Diethylphthalate        | 15.22 | 149  | 63357    | 3.939  | ng    | Qvalue<br>97 |

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

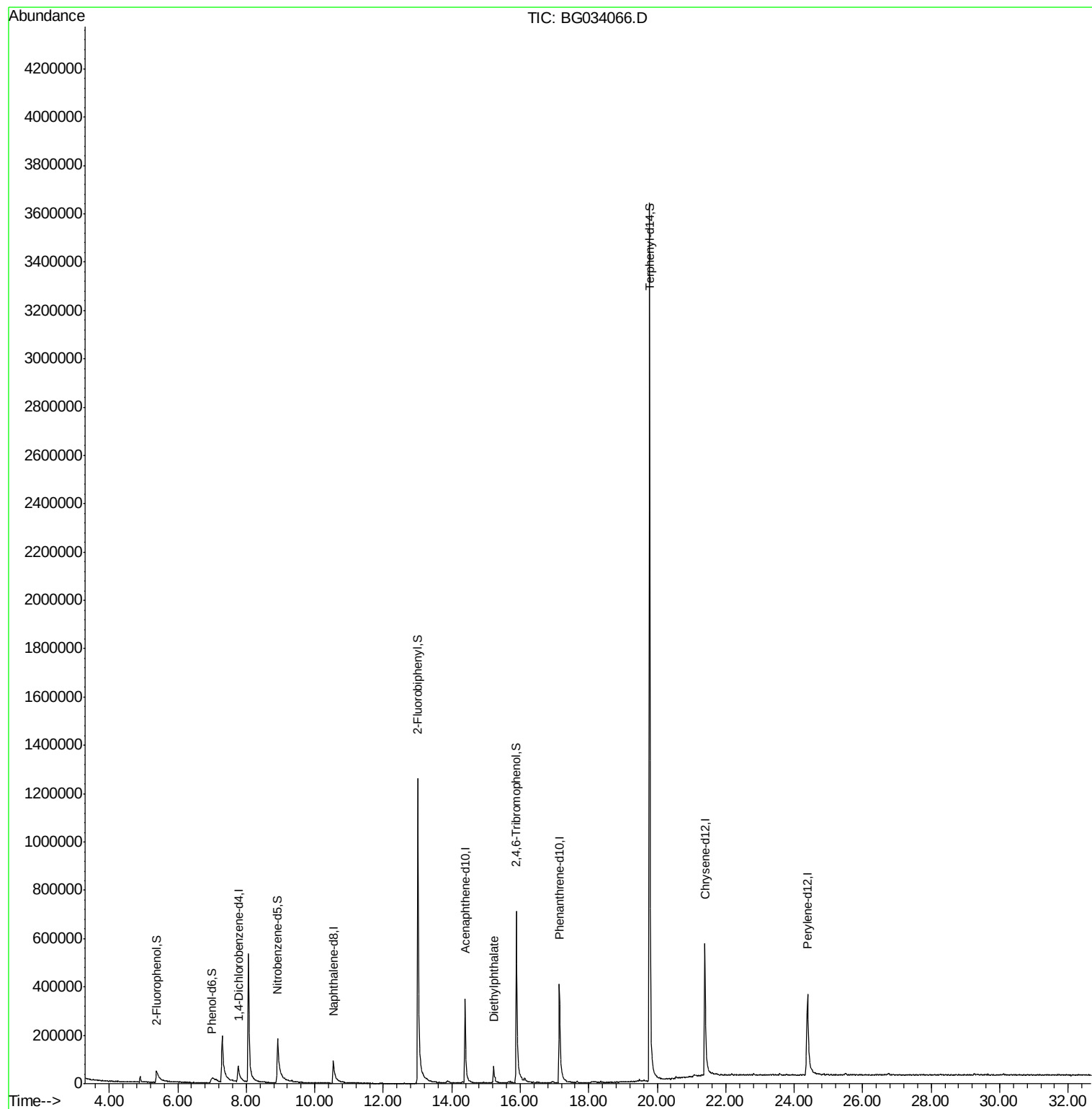
Data Path : Z:\HPCHEM1\BNA G\Data\BG042718\  
Data File : BG034066.D  
Acq On : 28 Apr 2018 9:35  
Operator : SJ/JU  
Sample : J2572-05  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

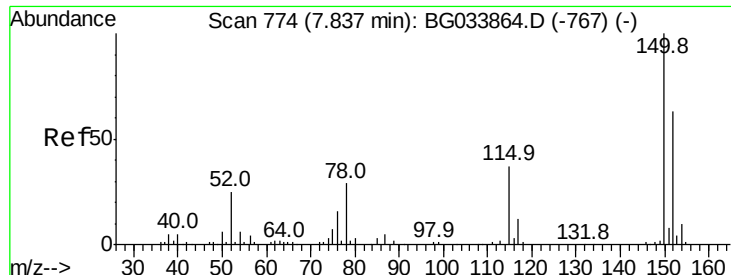
Instrument :  
BNA\_G  
ClientSampleId :  
042518-SIDI-E-U-M

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Quant Time: Apr 30 05:02:31 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

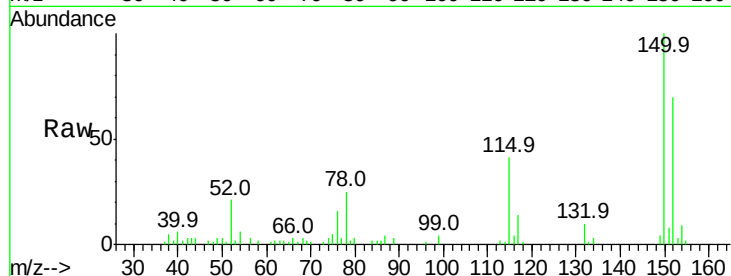
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng/ml  
RT: 7.77 min Scan# 762  
Delta R.T. -0.07 min  
Lab File: BG034066.D  
Acq: 28 Apr 2018 9:35

Instrument :  
BNA\_G  
ClientSampleId :  
042518-SIDI-E-U-M

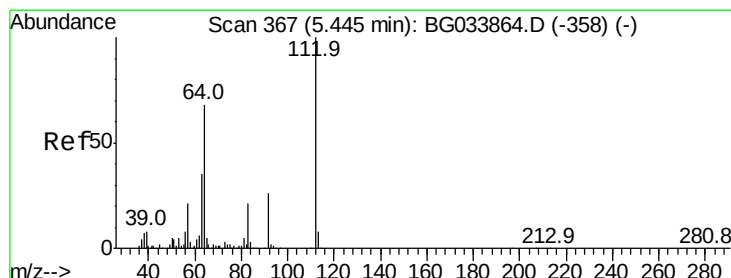
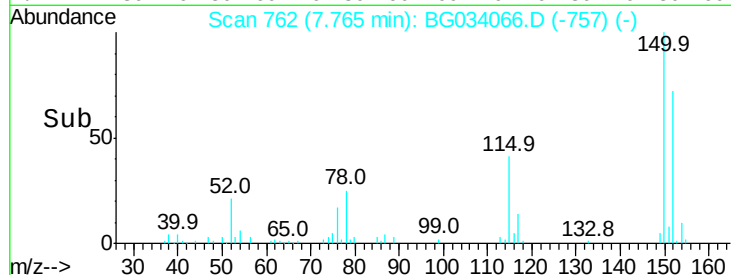
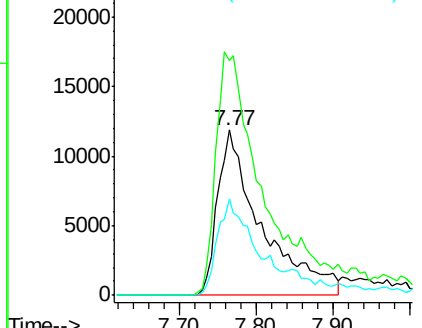
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 142.4 | 126.6 | 189.8 |
| 115     | 58.1  | 53.0  | 79.4  |

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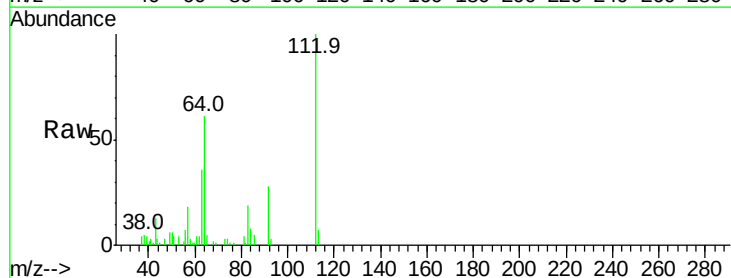
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



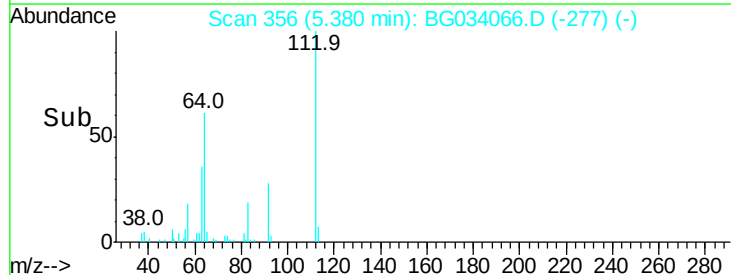
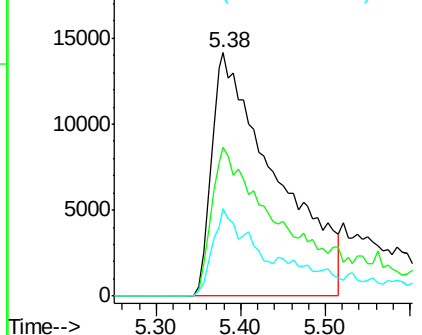
#5

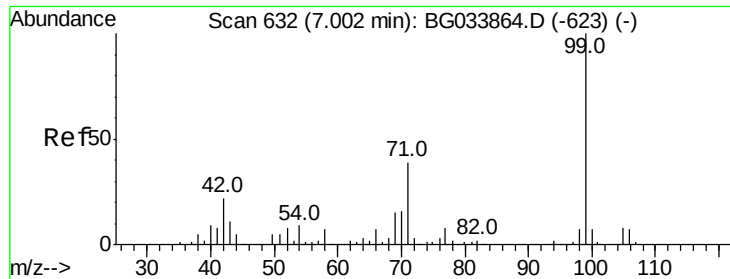
2-Fluorophenol  
Concen: 25.456 ng  
RT: 5.38 min Scan# 356  
Delta R.T. -0.07 min  
Lab File: BG034066.D  
Acq: 28 Apr 2018 9:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.9  | 56.3  | 84.5  |
| 63      | 36.0  | 30.1  | 45.1  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BG0  
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 18.513 ng/mL

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG034066.D

Acq: 28 Apr 2018 9:35

Instrument :

BNA\_G

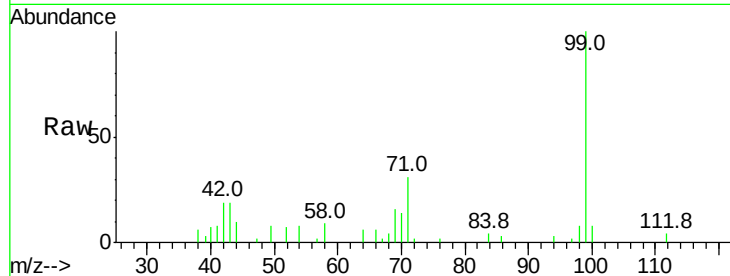
ClientSampleId :

042518-SIDI-E-U-M

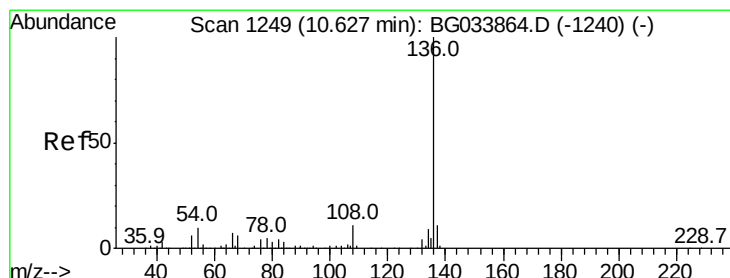
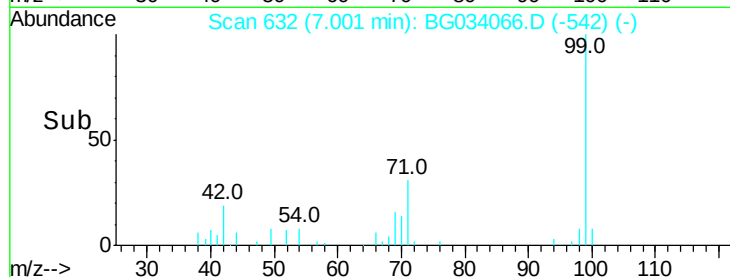
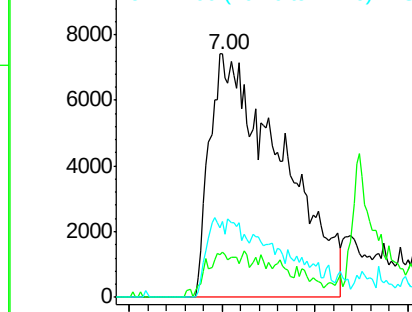
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 99      | 100  |       |       |       |
| 42      | 18.5 | 14.1  | 21.1  |       |
| 71      | 31.4 | 26.1  | 39.1  |       |

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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: 10.54 min Scan# 1235

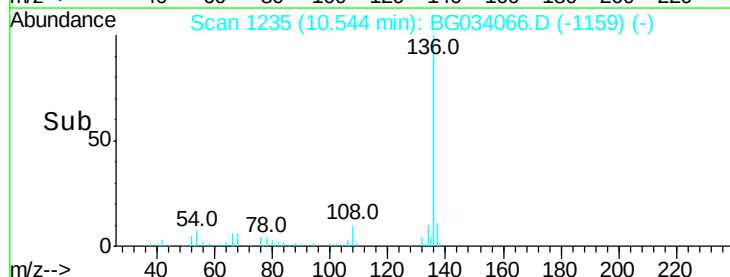
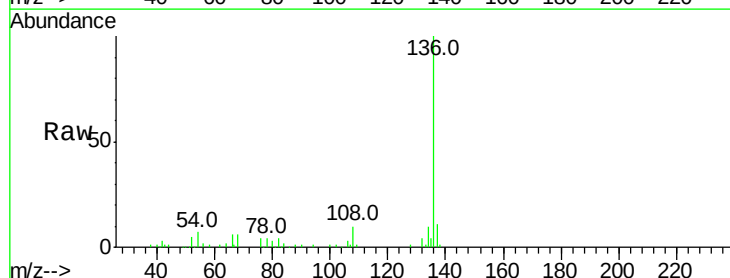
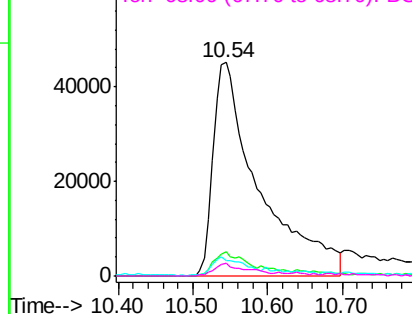
Delta R.T. -0.08 min

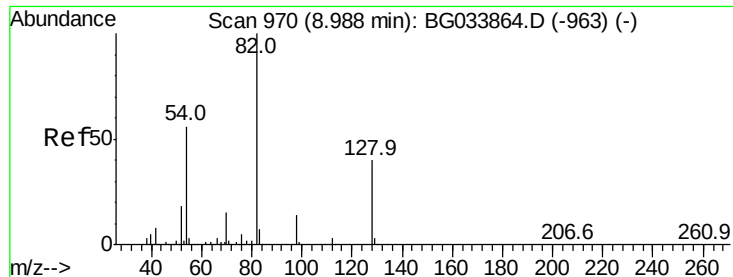
Lab File: BG034066.D

Acq: 28 Apr 2018 9:35

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 136     | 100  |       |       |       |
| 137     | 11.5 | 9.2   | 13.8  |       |
| 54      | 7.5  | 10.3  | 15.5# |       |
| 68      | 5.9  | 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





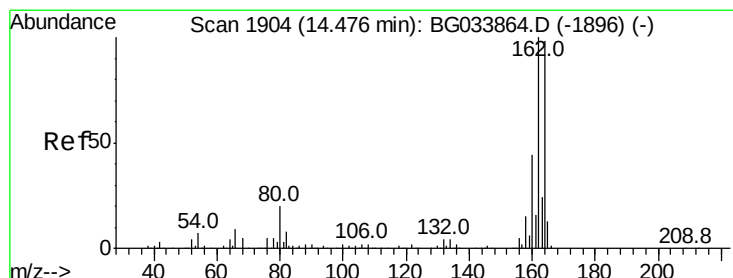
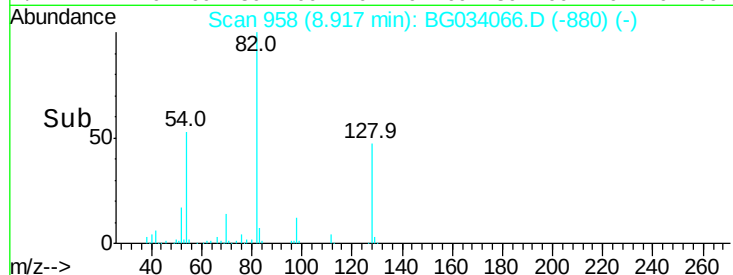
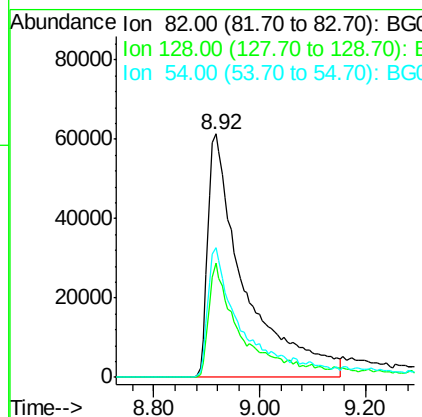
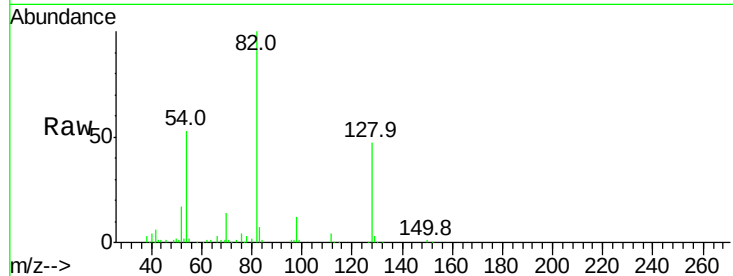
#23  
Nitrobenzene-d5  
Concen: 87.654 ng  
RT: 8.92 min Scan# 958  
Delta R.T. -0.07 min  
Lab File: BG034066.D  
Acq: 28 Apr 2018 9:35

Instrument :  
BNA\_G  
ClientSampleId :  
042518-SIDI-E-U-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.7  | 29.7  | 44.5# |
| 54      | 53.2  | 43.1  | 64.7  |

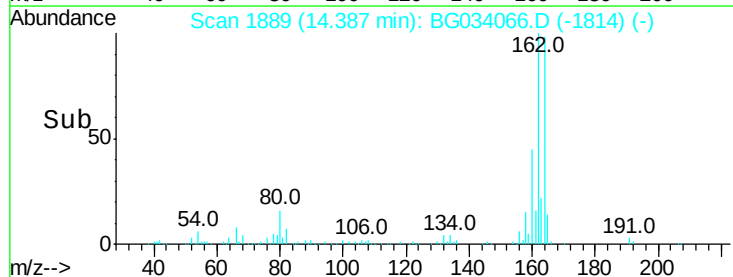
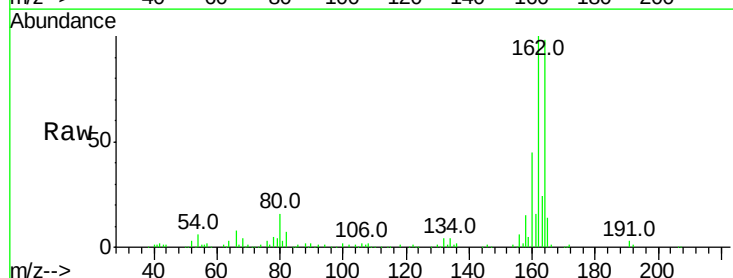
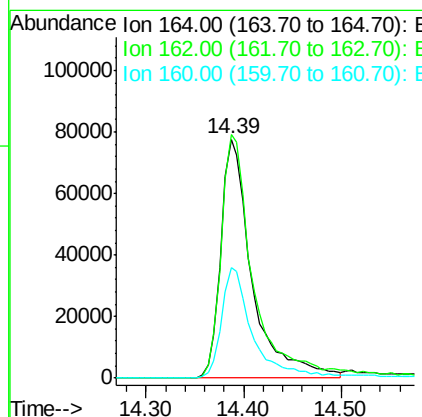
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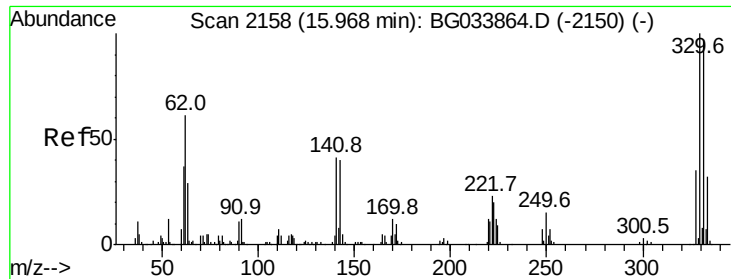
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.39 min Scan# 1889  
Delta R.T. -0.09 min  
Lab File: BG034066.D  
Acq: 28 Apr 2018 9:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 78.8  | 118.2 |
| 160     | 46.0  | 35.4  | 53.0  |





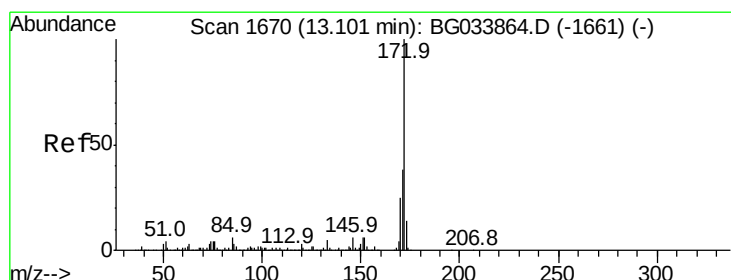
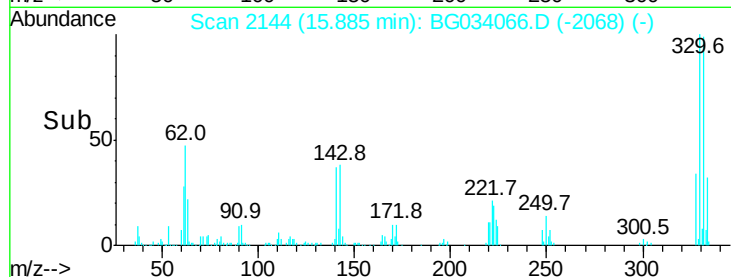
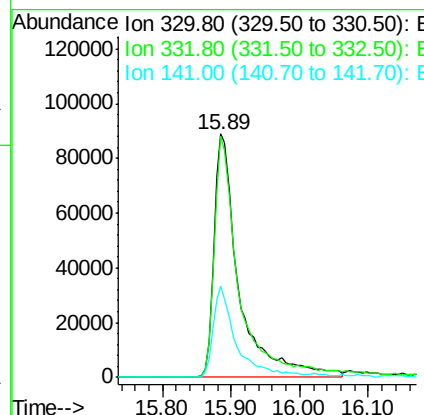
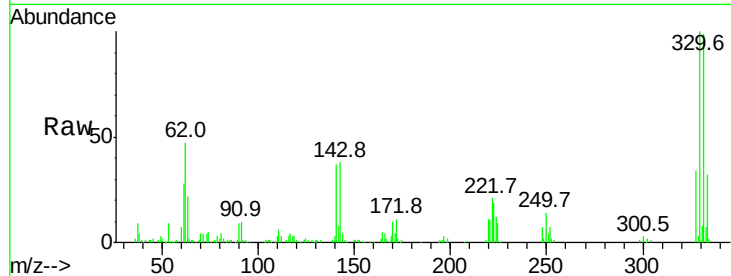
#41  
 2,4,6-Tribromophenol  
 Concen: 111.981 ng  
 RT: 15.89 min Scan# 2144  
 Delta R.T. -0.08 min  
 Lab File: BG034066.D  
 Acq: 28 Apr 2018 9:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 042518-SIDI-E-U-M

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 225998 |       |       |
| 332     | 97.2  | 77.0   | 115.6 |       |
| 141     | 34.8  | 25.2   | 37.8  |       |

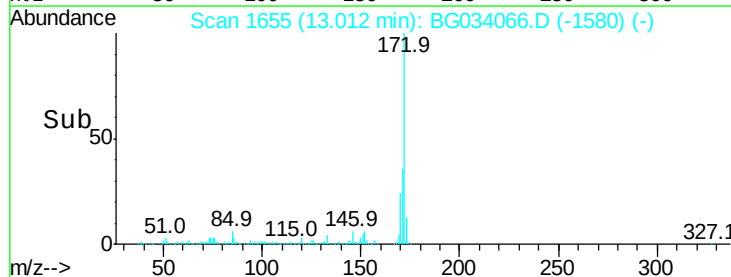
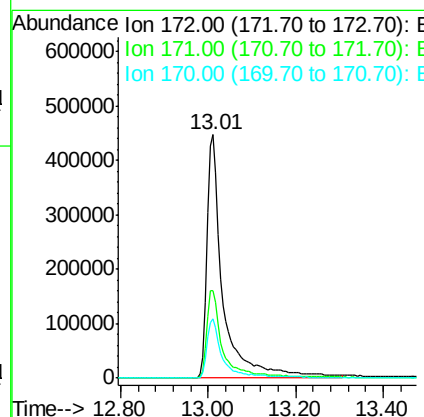
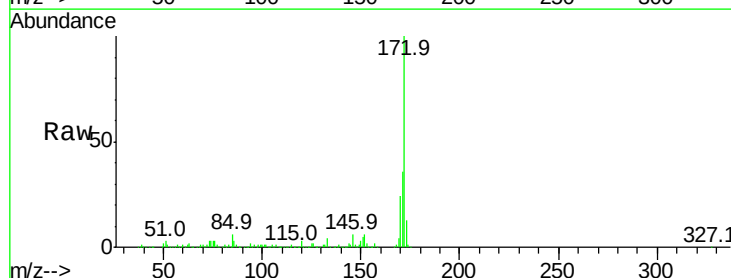
Manual Integrations  
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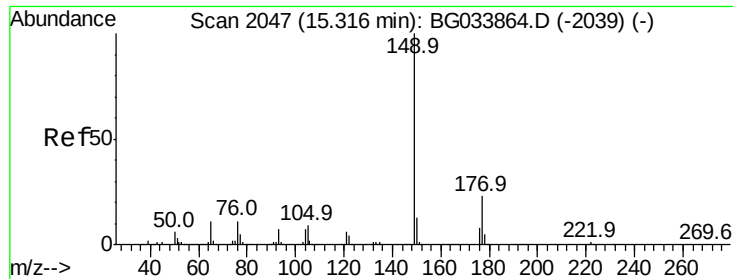
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#44  
 2-Fluorobiphenyl  
 Concen: 98.341 ng  
 RT: 13.01 min Scan# 1655  
 Delta R.T. -0.09 min  
 Lab File: BG034066.D  
 Acq: 28 Apr 2018 9:35

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1158036 |       |       |
| 171     | 36.1  | 30.0    | 45.0  |       |
| 170     | 24.3  | 19.5    | 29.3  |       |





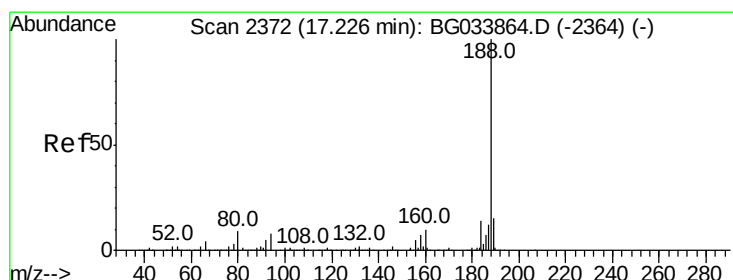
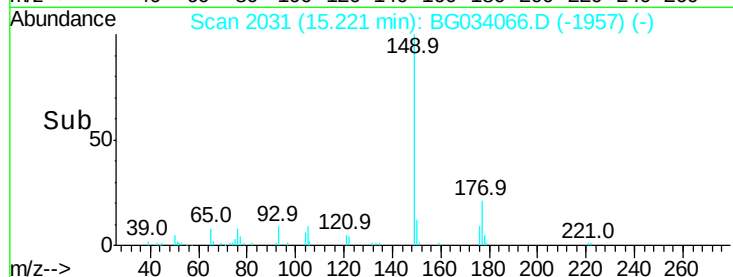
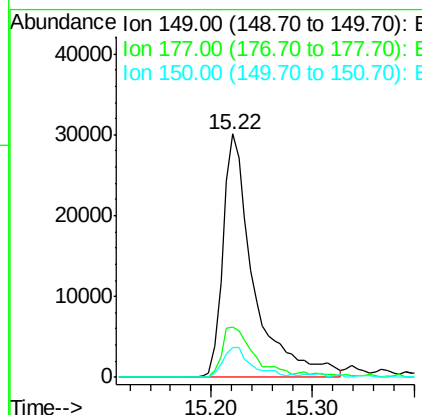
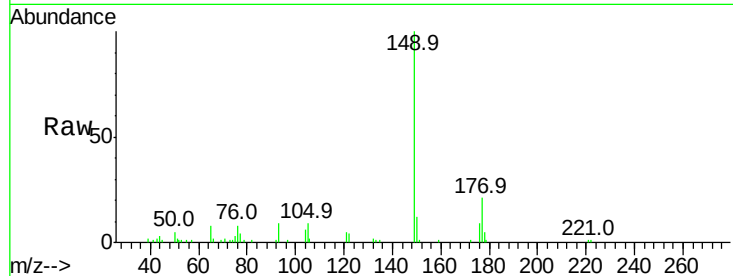
#59  
Diethylphthalate  
Concen: 3.939 ng  
RT: 15.22 min Scan# 2031  
Delta R.T. -0.09 min  
Lab File: BG034066.D  
Acq: 28 Apr 2018 9:35

Instrument :  
BNA\_G  
ClientSampleId :  
042518-SIDI-E-U-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.8  | 18.5  | 27.7  |
| 150     | 12.3  | 10.2  | 15.2  |

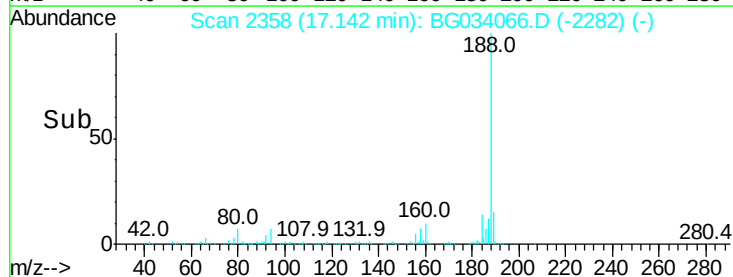
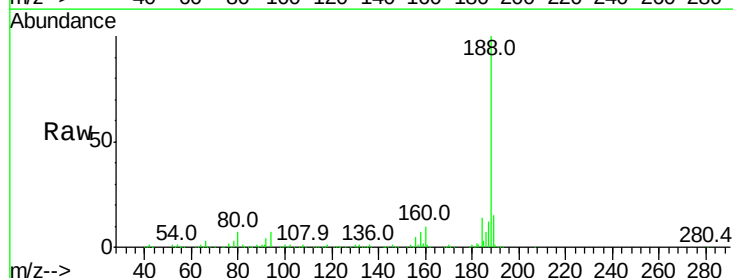
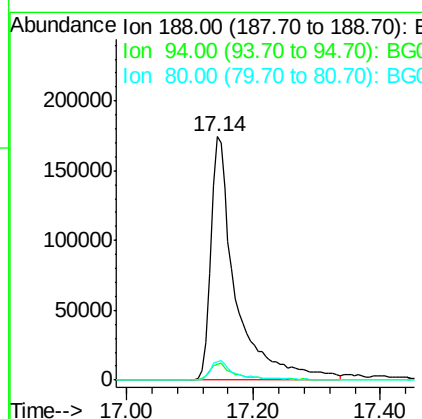
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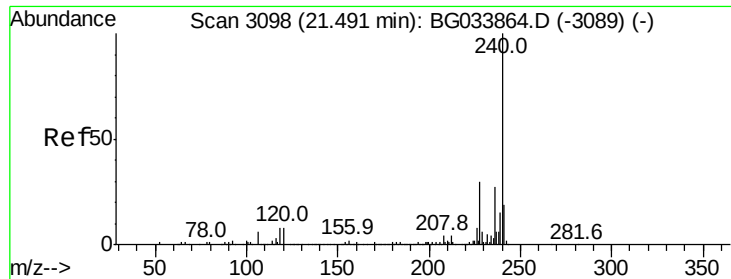
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#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.14 min Scan# 2358  
Delta R.T. -0.08 min  
Lab File: BG034066.D  
Acq: 28 Apr 2018 9:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.6   | 6.9   | 10.3# |
| 80      | 7.4   | 7.7   | 11.5# |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.10 min

Lab File: BG034066.D

Acq: 28 Apr 2018 9:35

Instrument :

BNA\_G

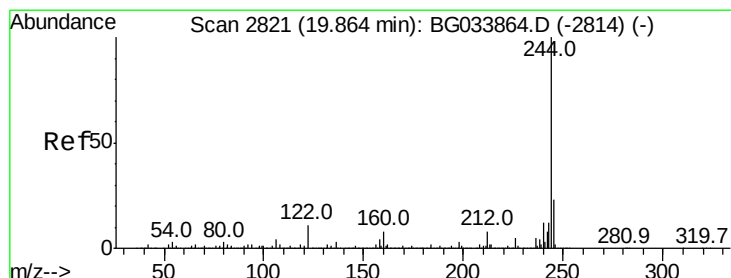
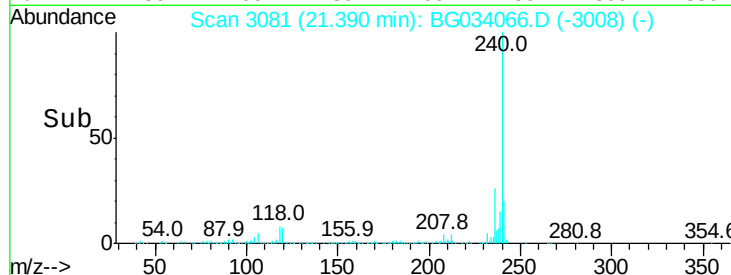
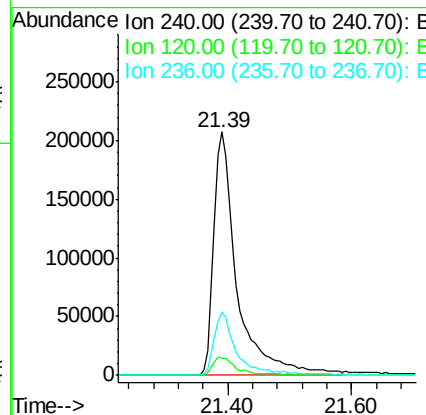
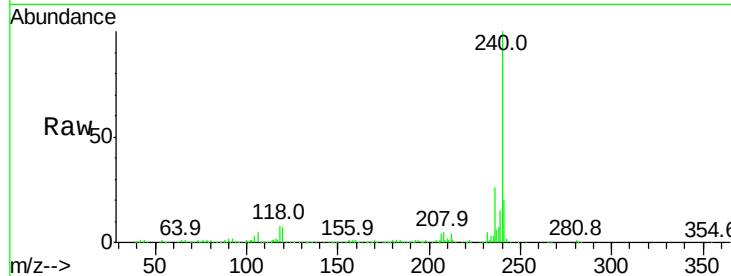
ClientSampleId :

042518-SIDI-E-U-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.0   | 6.8   | 10.2  |
| 236     | 25.8  | 20.9  | 31.3  |

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#78

Terphenyl-d14

Concen: 96.560 ng

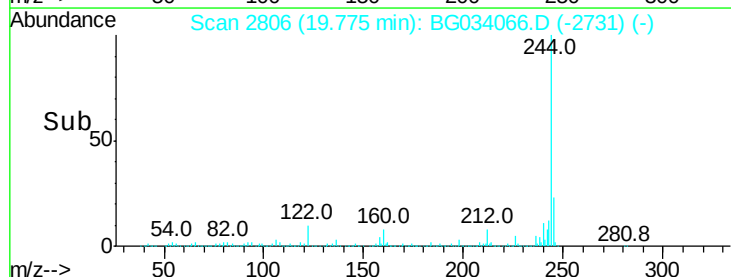
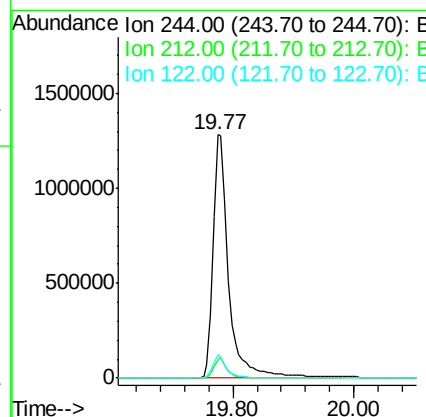
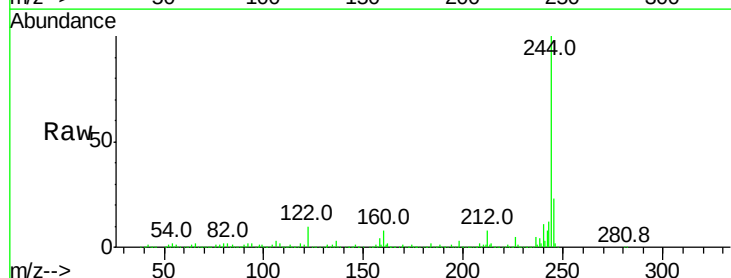
RT: 19.77 min Scan# 2806

Delta R.T. -0.09 min

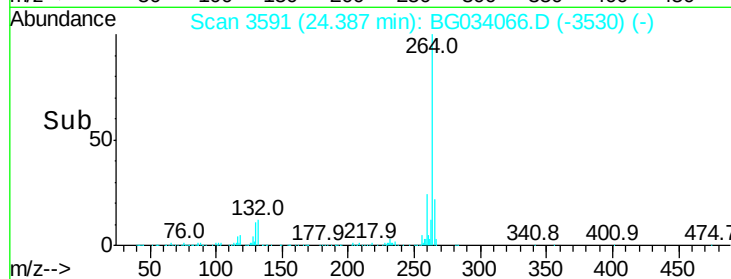
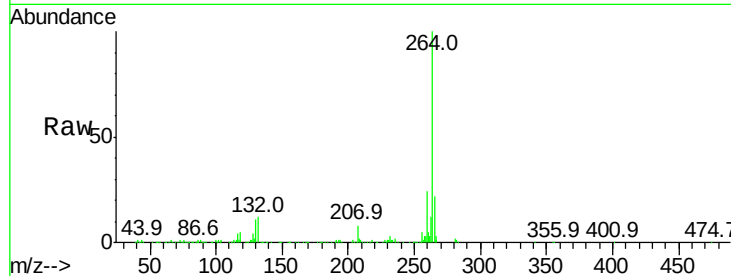
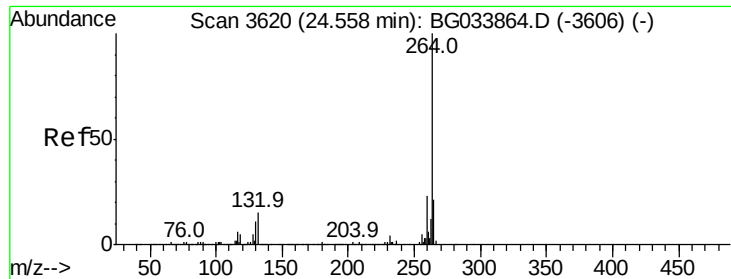
Lab File: BG034066.D

Acq: 28 Apr 2018 9:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.8   | 5.8   | 8.8   |
| 122     | 9.6   | 7.0   | 10.4  |







#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.39 min Scan# 3591  
Delta R.T. -0.17 min  
Lab File: BG034066.D  
Acq: 28 Apr 2018 9:35

Instrument :  
BNA\_G  
ClientSampleId :  
042518-SIDI-E-U-M

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 24.1  | 17.4       | 26.0  |
| 265     | 21.7  | 17.7       | 26.5  |

Manual Integrations  
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4/30/2018 7:03:38 PM

