

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\  
 Data File : BG033521.D  
 Acq On : 3 Apr 2018 12:13  
 Operator : SJ/JU  
 Sample : J2114-15  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 032718-SIDI-E-U-M

Manual Integrations  
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Quant Time: Apr 03 15:09:42 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 03 14:50:26 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.87  | 152  | 32529    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.74 | 136  | 145220   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 15.48 | 164  | 121824   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 18.21 | 188  | 324352   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 22.55 | 240  | 334494   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 26.31 | 264  | 349735   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 6.30  | 112  | 84471m   | 48.69 | ng    | 0.00     |
| 7) Phenol-d6                | 7.98  | 99   | 83279m   | 27.94 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 10.06 | 82   | 310092   | 98.11 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.95 | 330  | 163440   | 89.70 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 14.11 | 172  | 798366   | 94.61 | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.73 | 244  | 1452029  | 92.84 | ng    | 0.00     |

Target Compounds Qvalue

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

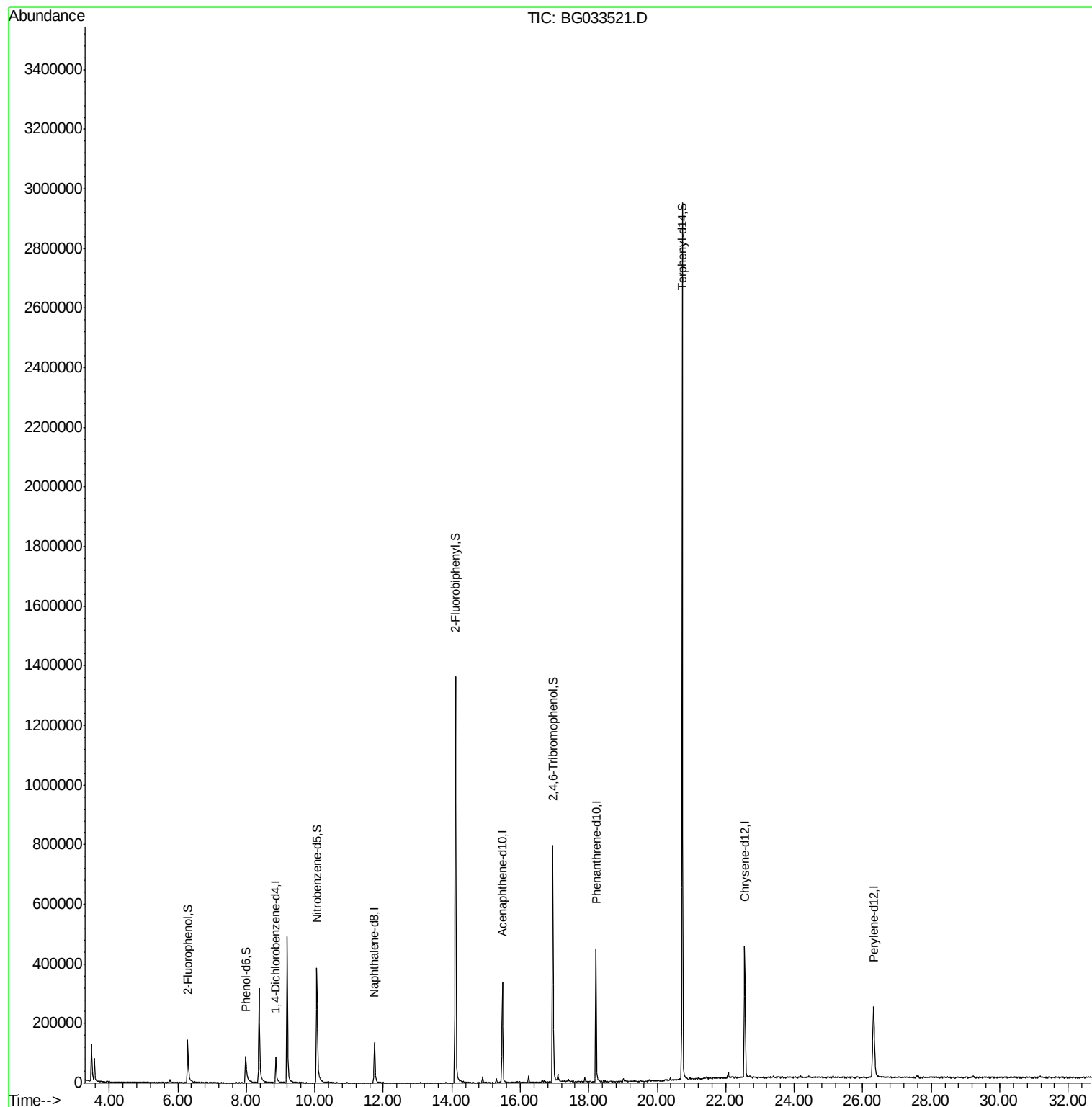
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\  
Data File : BG033521.D  
Acq On : 3 Apr 2018 12:13  
Operator : SJ/JU  
Sample : J2114-15  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

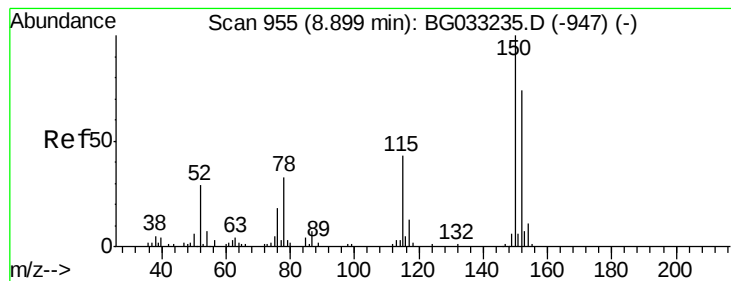
Instrument :  
BNA\_G  
ClientSampleId :  
032718-SIDI-E-U-M

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Quant Time: Apr 03 15:09:42 2018  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 03 14:50:26 2018  
Response via : Initial Calibration





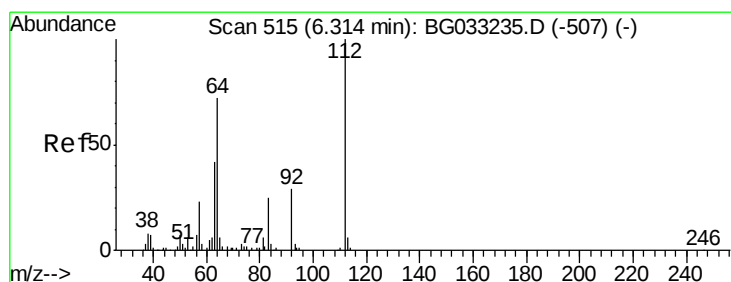
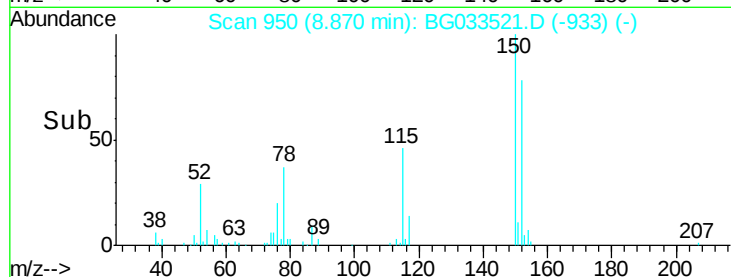
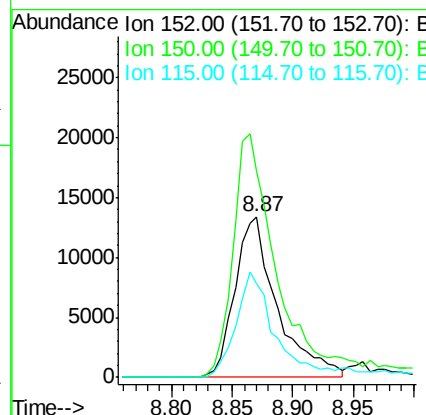
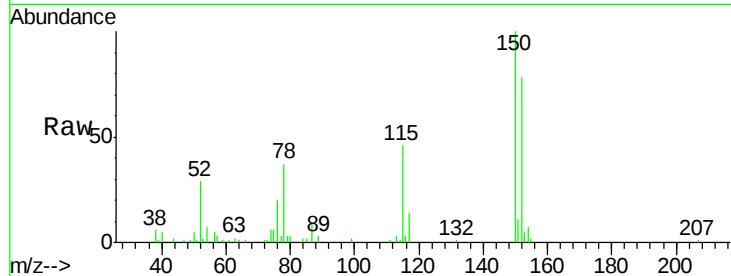
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.87 min Scan# 950  
 Delta R.T. 0.00 min  
 Lab File: BG033521.D  
 Acq: 3 Apr 2018 12:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 032718-SIDI-E-U-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 128.9 | 126.6 | 189.8 |
| 115     | 58.7  | 53.0  | 79.4  |

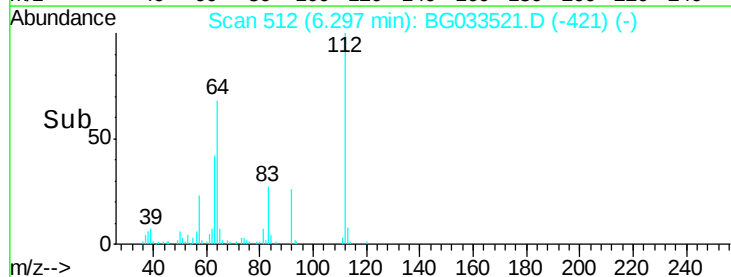
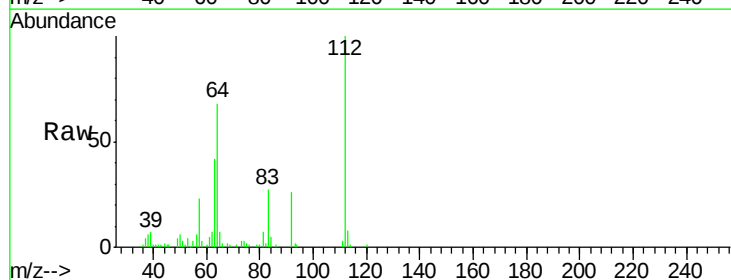
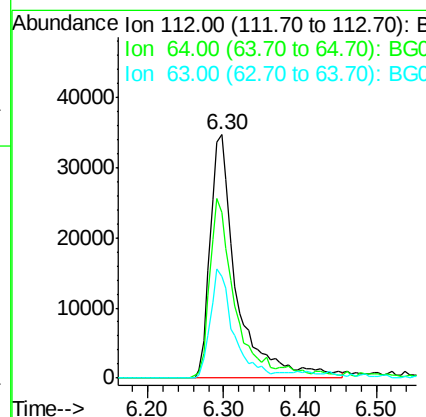
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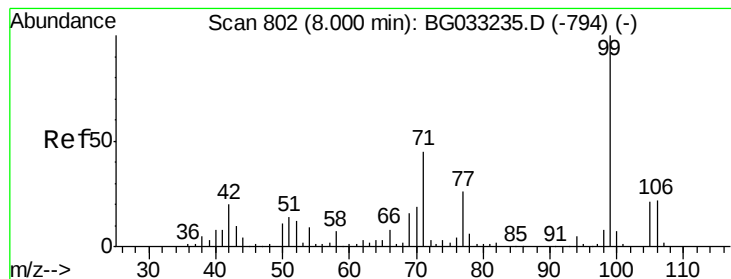
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#5  
 2-Fluorophenol  
 Concen: 48.693 ng m  
 RT: 6.30 min Scan# 512  
 Delta R.T. 0.01 min  
 Lab File: BG033521.D  
 Acq: 3 Apr 2018 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 67.9  | 56.3  | 84.5  |
| 63      | 41.6  | 30.1  | 45.1  |





#7

Phenol-d6

Concen: 27.940 ng/mL

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033521.D

Acq: 3 Apr 2018 12:13

Instrument :

BNA\_G

ClientSampleId :

032718-SIDI-E-U-M

Tot Ion: 99 Resp: 83279

Ion Ratio Lower Upper

99 100

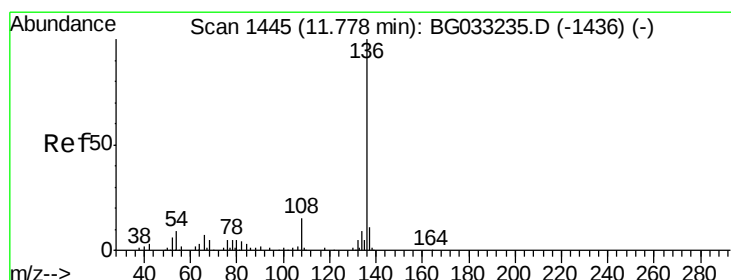
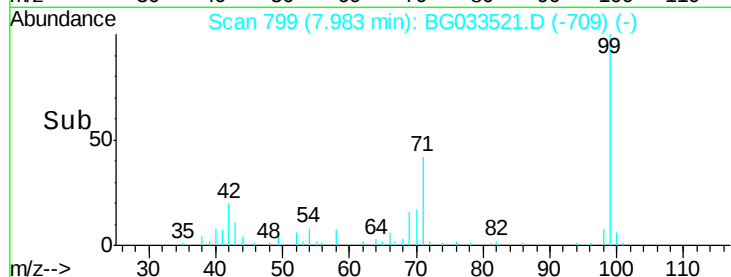
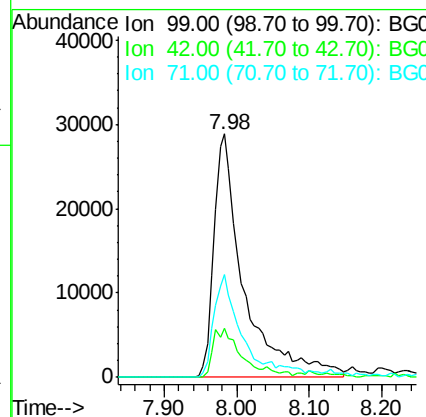
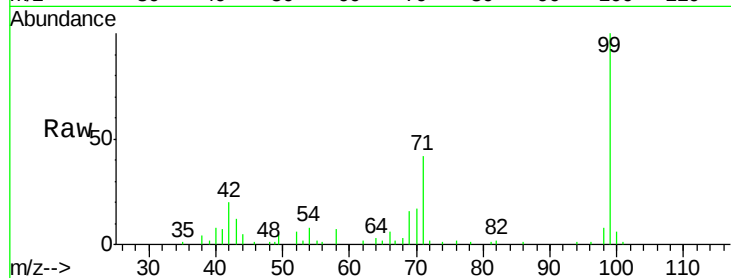
42 20.3 14.1 21.1

71 42.4 26.1 39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng/mL

RT: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033521.D

Acq: 3 Apr 2018 12:13

Tgt Ion: 136 Resp: 145220

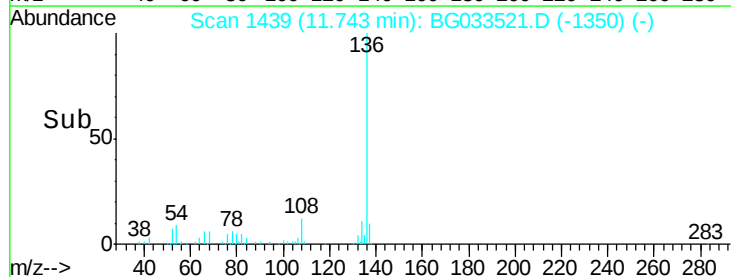
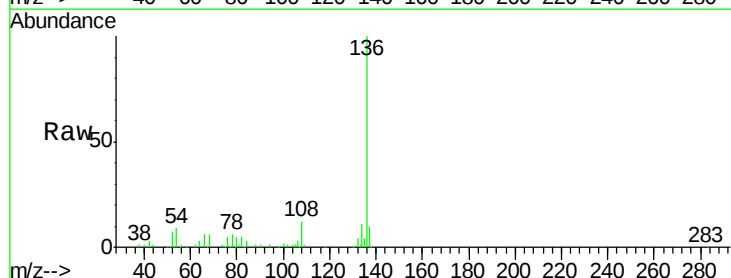
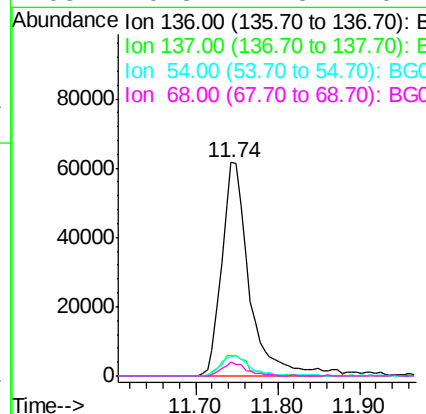
Ion Ratio Lower Upper

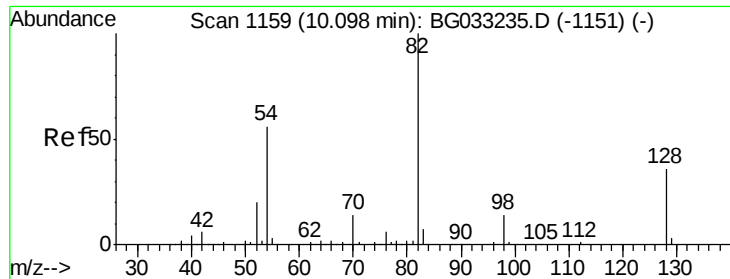
136 100

137 9.8 9.2 13.8

54 8.9 10.3 15.5#

68 6.3 4.5 6.7





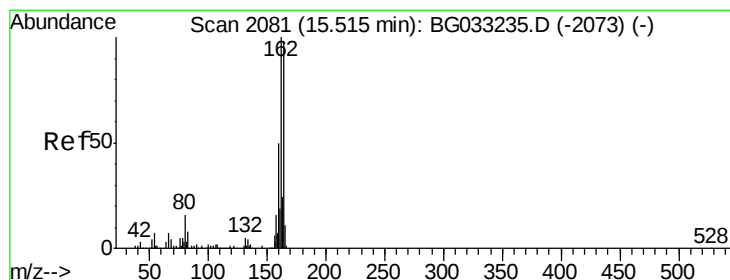
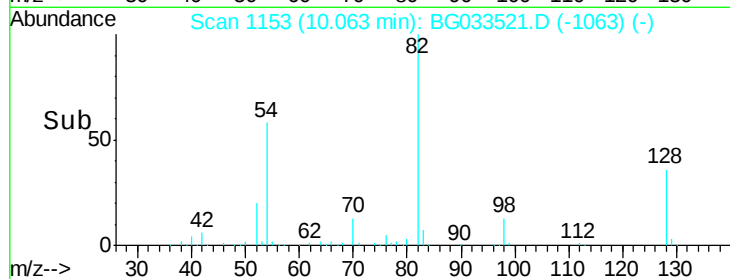
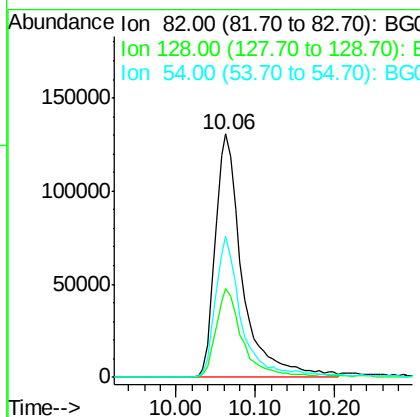
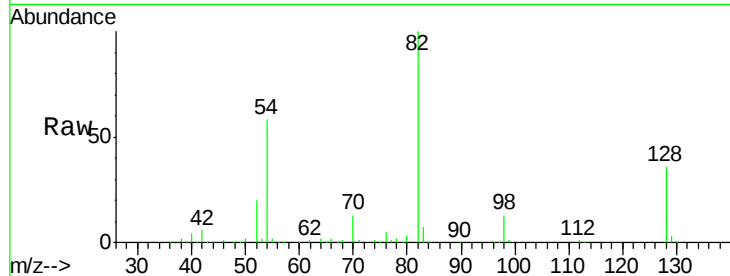
#23  
 Nitrobenzene-d5  
 Concen: 98.106 ng  
 RT: 10.06 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BG033521.D  
 Acq: 3 Apr 2018 12:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 032718-SIDI-E-U-M

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 36.3  | 29.7 | 44.5  |       |
| 54      | 58.1  | 43.1 | 64.7  |       |

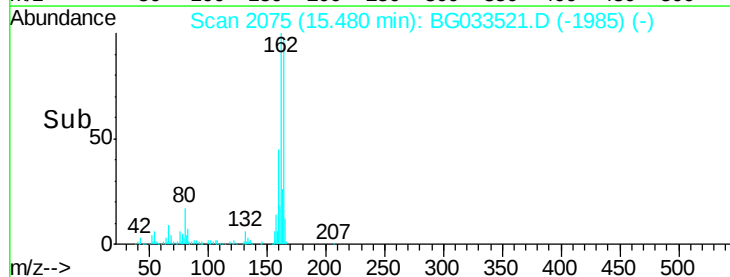
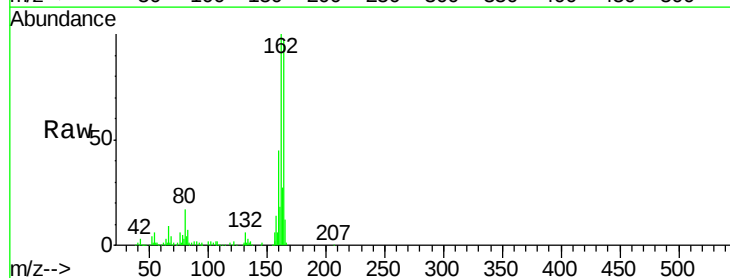
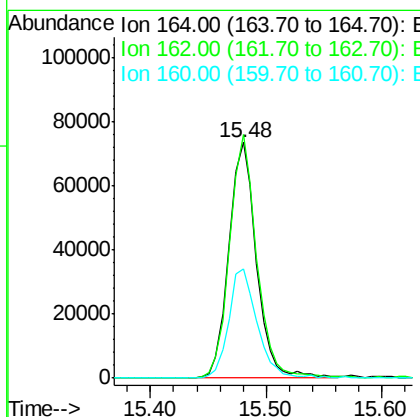
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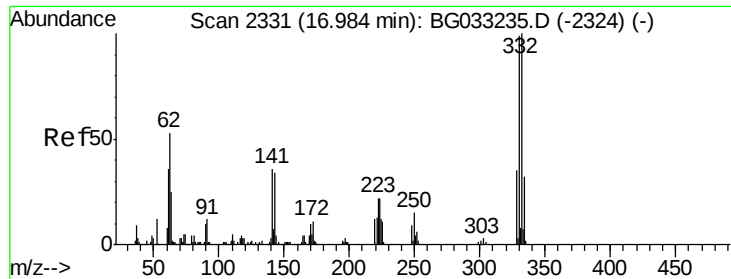
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#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.48 min Scan# 2075  
 Delta R.T. 0.00 min  
 Lab File: BG033521.D  
 Acq: 3 Apr 2018 12:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.5 | 78.8 | 118.2 |       |
| 160     | 46.5  | 35.4 | 53.0  |       |





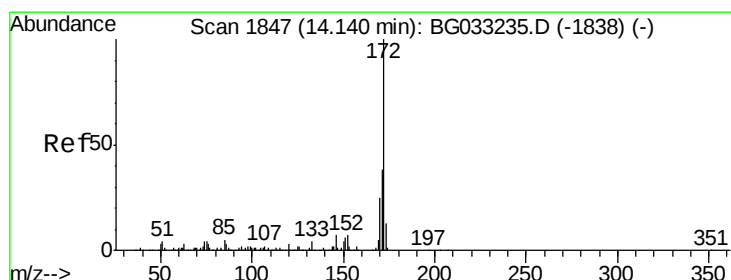
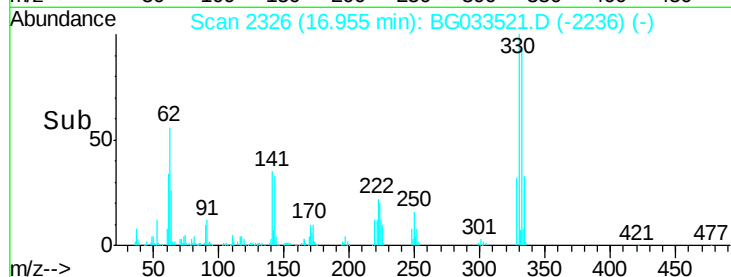
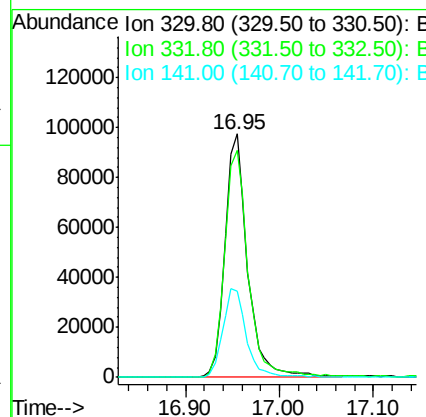
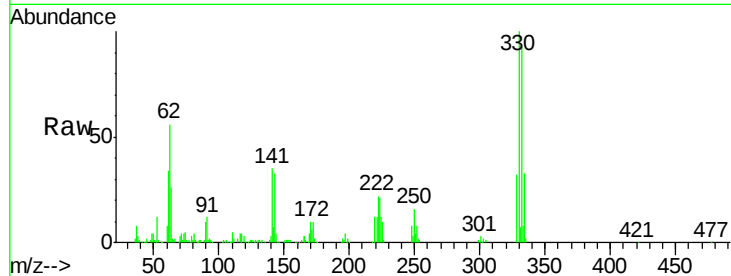
#41  
 2,4,6-Tribromophenol  
 Concen: 89.703 ng  
 RT: 16.95 min Scan# 2326  
 Delta R.T. 0.00 min  
 Lab File: BG033521.D  
 Acq: 3 Apr 2018 12:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 032718-SIDI-E-U-M

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 97.9  | 77.0 | 115.6 |       |
| 141     | 37.7  | 25.2 | 37.8  |       |

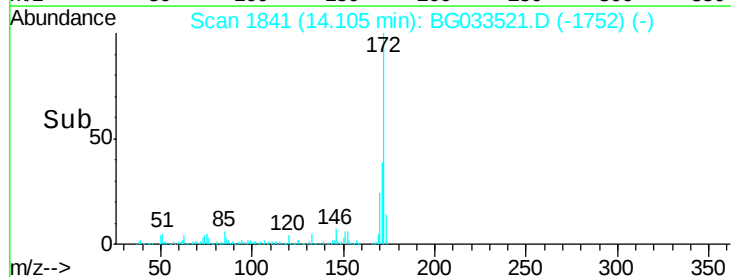
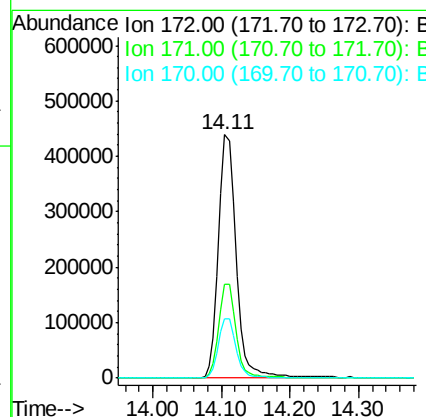
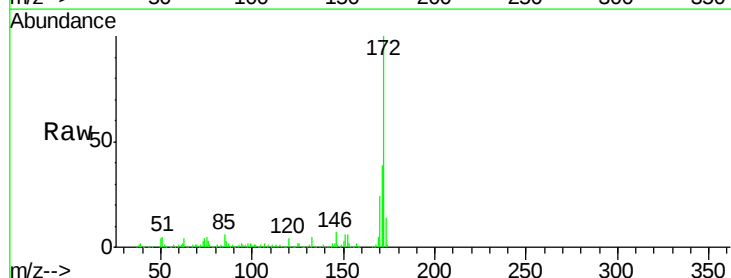
Manual Integrations  
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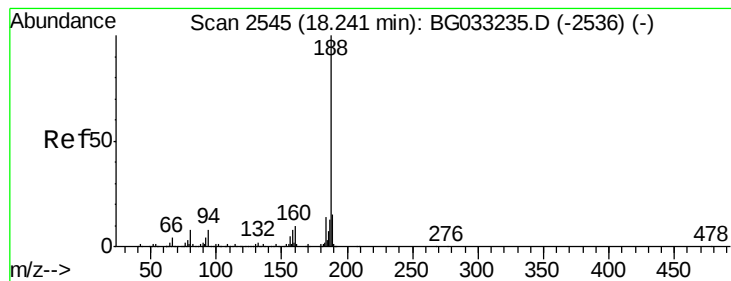
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#44  
 2-Fluorobiphenyl  
 Concen: 94.608 ng  
 RT: 14.11 min Scan# 1841  
 Delta R.T. -0.01 min  
 Lab File: BG033521.D  
 Acq: 3 Apr 2018 12:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 38.7  | 30.0 | 45.0  |       |
| 170     | 24.2  | 19.5 | 29.3  |       |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG033521.D

Acq: 3 Apr 2018 12:13

Instrument :

BNA\_G

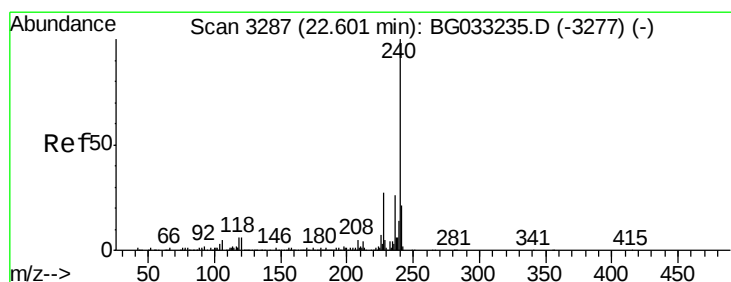
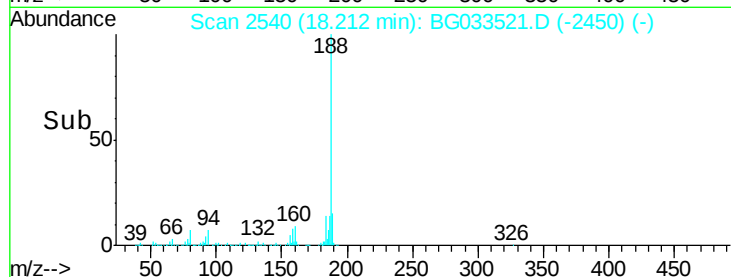
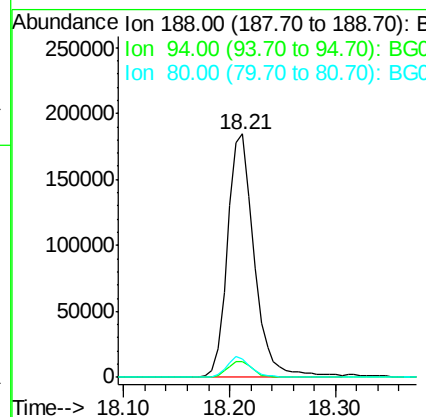
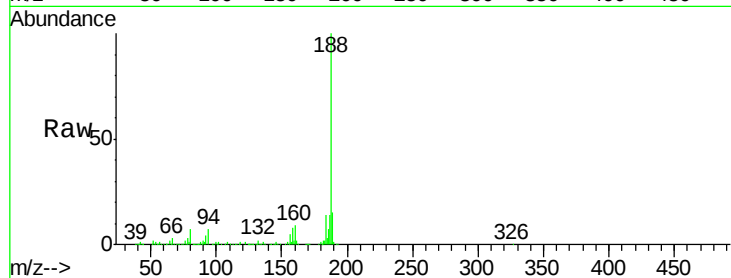
ClientSampleId :

032718-SIDI-E-U-M

|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 188 | Resp: | 324352 |
| Ion Ratio |     | Lower | Upper  |
| 188       | 100 |       |        |
| 94        | 6.6 | 6.9   | 10.3#  |
| 80        | 7.4 | 7.7   | 11.5#  |

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#75

Chrysene-d12

Concen: 20.000 ng

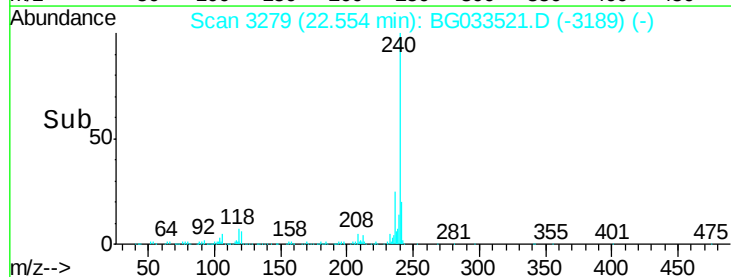
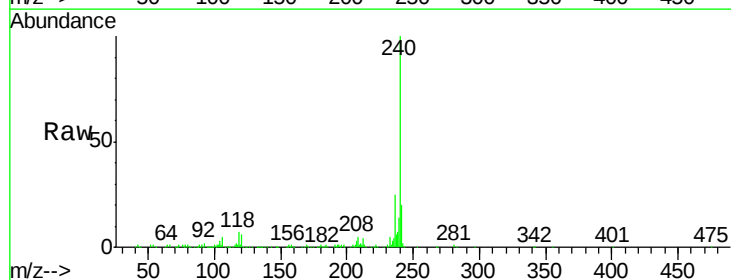
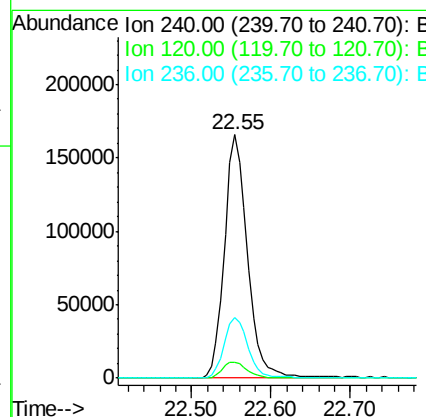
RT: 22.55 min Scan# 3279

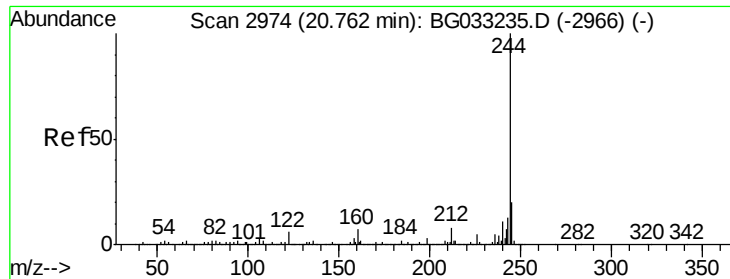
Delta R.T. 0.00 min

Lab File: BG033521.D

Acq: 3 Apr 2018 12:13

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 334494 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 6.4  | 6.8   | 10.2#  |
| 236       | 24.9 | 20.9  | 31.3   |





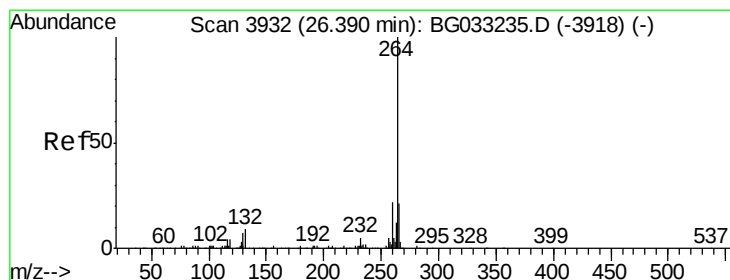
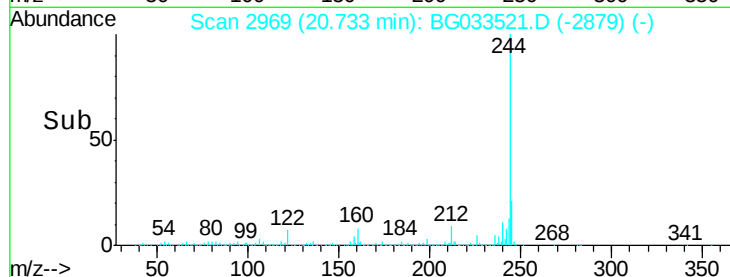
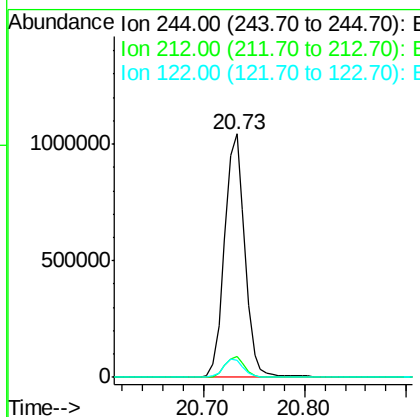
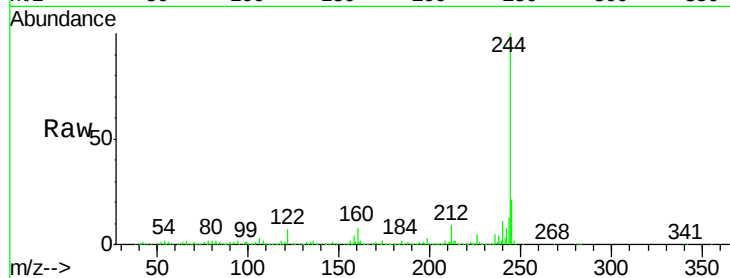
#78  
 Terphenyl-d14  
 Concen: 92.836 ng  
 RT: 20.73 min Scan# 2969  
 Delta R.T. 0.00 min  
 Lab File: BG033521.D  
 Acq: 3 Apr 2018 12:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 032718-SIDI-E-U-M

Tot Ion:244 Resp: 1452029  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 5.8 8.8#  
 122 6.9 7.0 10.4#

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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.31 min Scan# 3919  
 Delta R.T. -0.01 min  
 Lab File: BG033521.D  
 Acq: 3 Apr 2018 12:13

Tgt Ion:264 Resp: 349735  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 17.4 26.0  
 265 21.4 17.7 26.5

