

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\  
 Data File : BG034030.D  
 Acq On : 27 Apr 2018 3:07  
 Operator : SJ/JU  
 Sample : J2571-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 042418-SIDI-E-D-M

Manual Integrations  
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Sohil  
 4/27/2018 7:31:10 PM

Quant Time: Apr 27 07:17:23 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  | 55959    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.60 | 136  | 268770   | 20.00  | ng    | -0.03    |
| 38) Acenaphthene-d10        | 14.44 | 164  | 210743   | 20.00  | ng    | -0.03    |
| 63) Phenanthrene-d10        | 17.20 | 188  | 582010   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 21.45 | 240  | 629515   | 20.00  | ng    | -0.04    |
| 86) Perylene-d12            | 24.49 | 264  | 637722   | 20.00  | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.43  | 112  | 140583   | 40.11  | ng    | -0.01    |
| 7) Phenol-d6                | 7.02  | 99   | 129512m  | 25.33  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 8.97  | 82   | 430025   | 91.05  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 15.94 | 330  | 277650   | 112.93 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 13.07 | 172  | 1461572  | 101.88 | ng    | -0.03    |
| 78) Terphenyl-d14           | 19.83 | 244  | 2727381  | 97.33  | ng    | -0.03    |

Target Compounds Qvalue

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

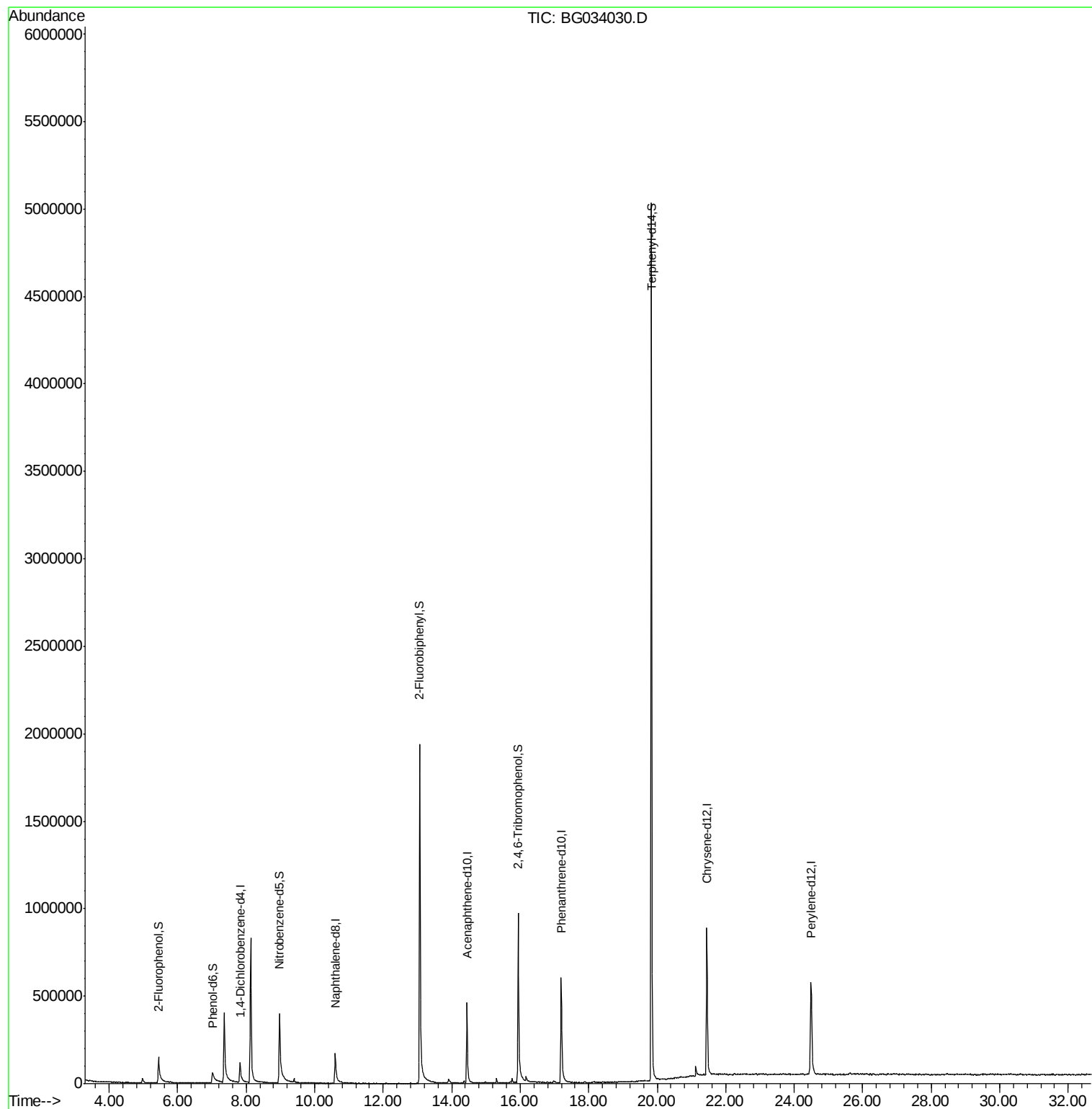
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\  
Data File : BG034030.D  
Acq On : 27 Apr 2018 3:07  
Operator : SJ/JU  
Sample : J2571-08  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

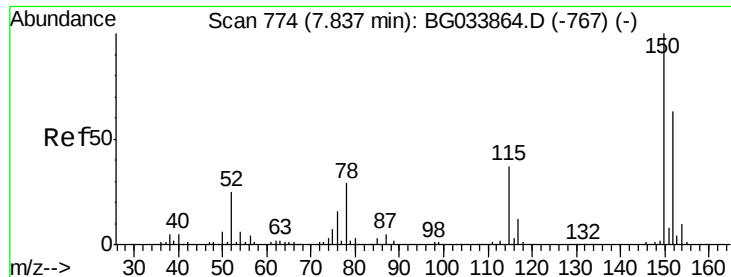
Instrument :  
BNA\_G  
ClientSampleId :  
042418-SIDI-E-D-M

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Quant Time: Apr 27 07:17:23 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

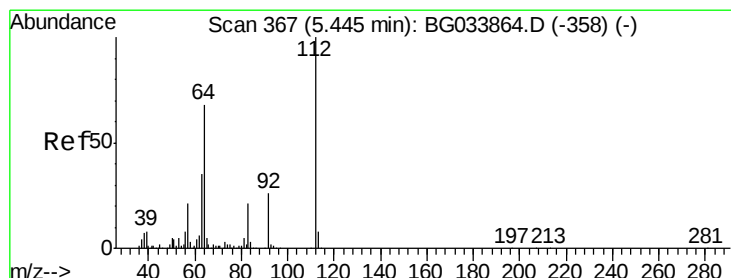
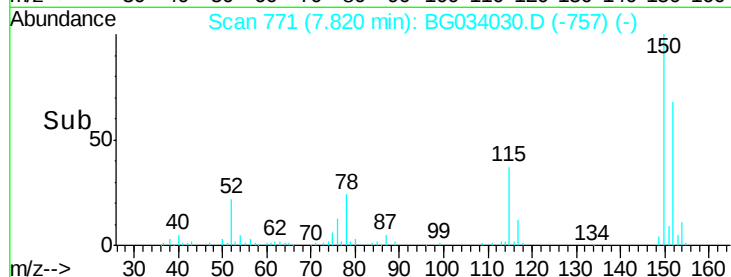
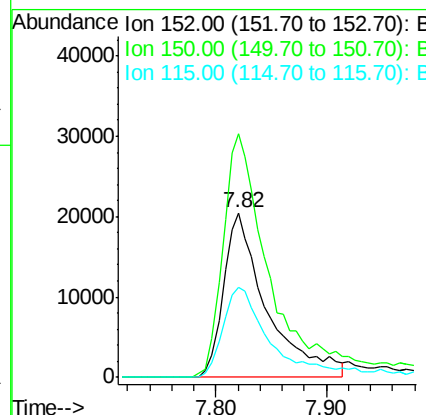
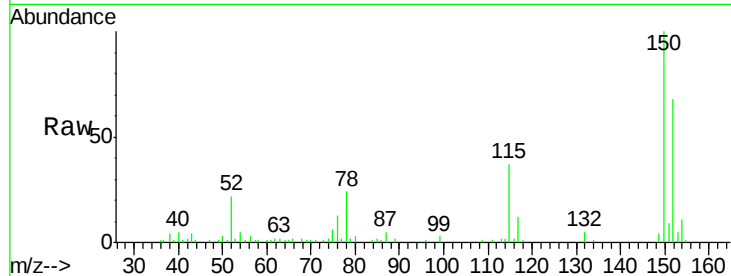
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.82 min Scan# 771  
Delta R.T. -0.02 min  
Lab File: BG034030.D  
Acq: 27 Apr 2018 3:07

Instrument :  
BNA\_G  
ClientSampleId :  
042418-SIDI-E-D-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 147.7 | 126.6 | 189.8 |
| 115     | 54.8  | 53.0  | 79.4  |

Manual Integrations  
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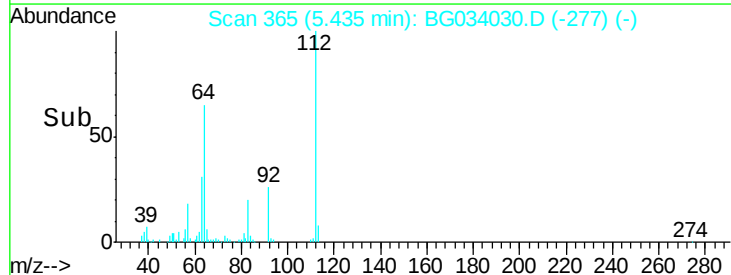
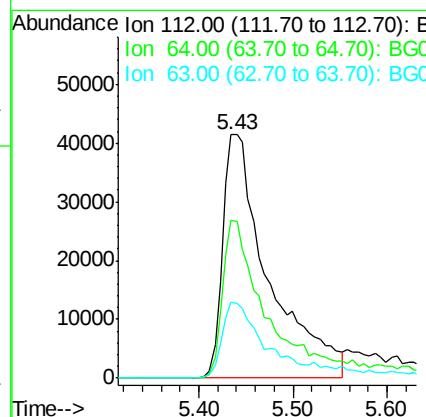
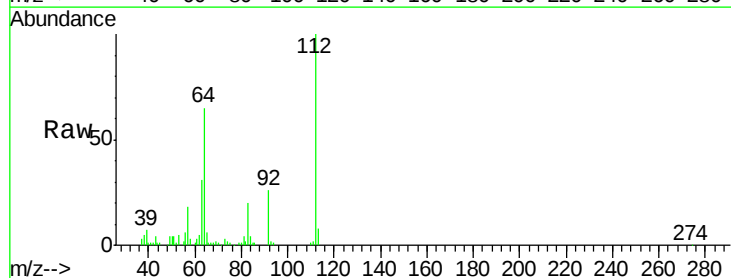
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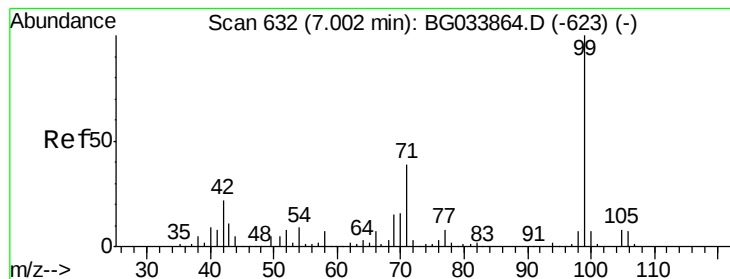


#5

2-Fluorophenol  
Concen: 40.109 ng  
RT: 5.43 min Scan# 365  
Delta R.T. -0.01 min  
Lab File: BG034030.D  
Acq: 27 Apr 2018 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.8  | 56.3  | 84.5  |
| 63      | 31.1  | 30.1  | 45.1  |





#7

Phenol-d6

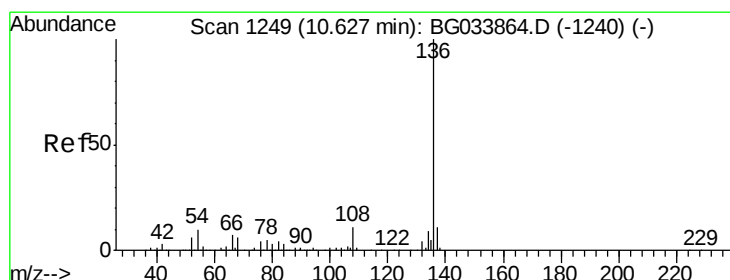
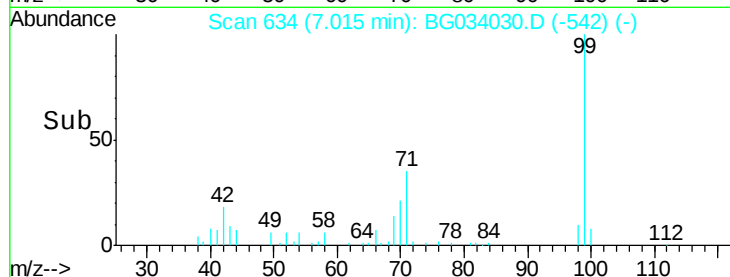
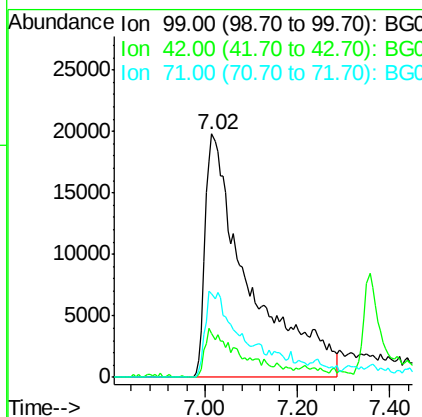
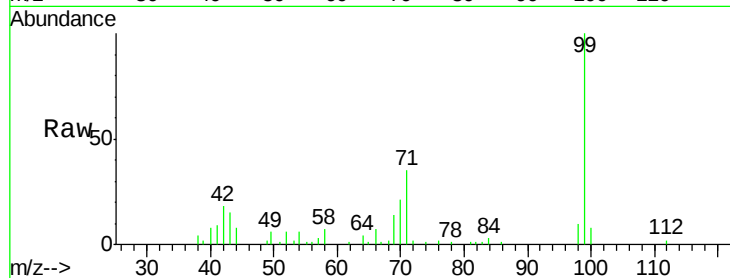
Concen: 25.333 ng/mL  
 RT: 7.02 min Scan# 634  
 Delta R.T. 0.01 min  
 Lab File: BG034030.D  
 Acq: 27 Apr 2018 3:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 042418-SIDI-E-D-M

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 129512 |       |       |
| 42      | 18.0 | 14.1  | 21.1   |       |       |
| 71      | 34.5 | 26.1  | 39.1   |       |       |

Manual Integrations  
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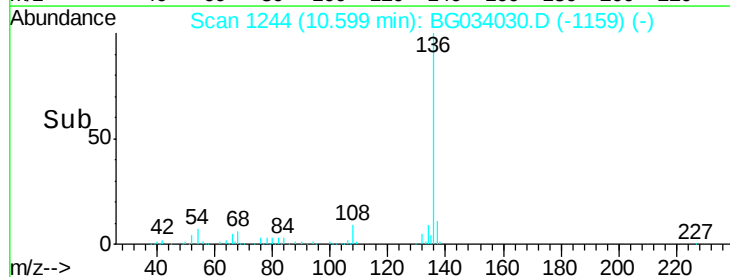
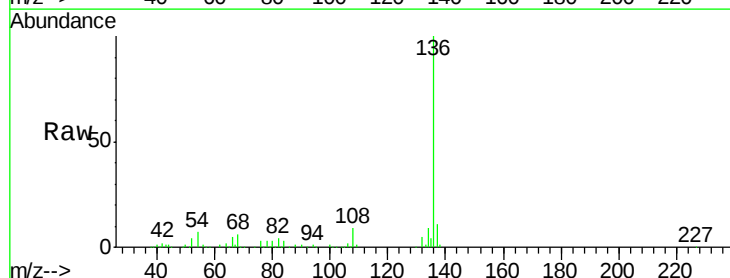
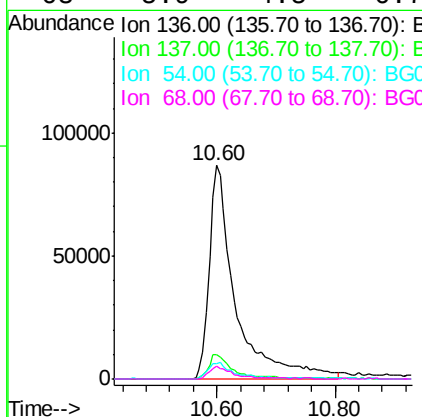


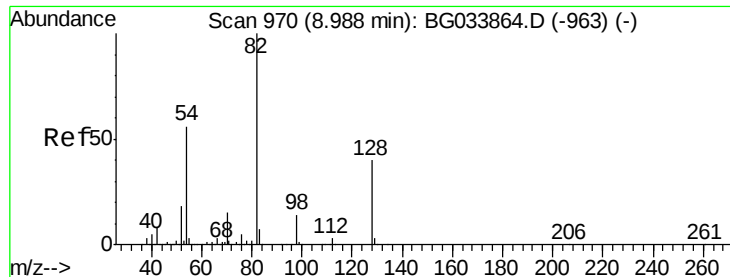
#21

Naphthalene-d8

Concen: 20.000 ng/mL  
 RT: 10.60 min Scan# 1244  
 Delta R.T. -0.03 min  
 Lab File: BG034030.D  
 Acq: 27 Apr 2018 3:07

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 268770 |       |       |
| 137     | 11.3 | 9.2   | 13.8   |       |       |
| 54      | 7.1  | 10.3  | 15.5#  |       |       |
| 68      | 5.9  | 4.5   | 6.7    |       |       |





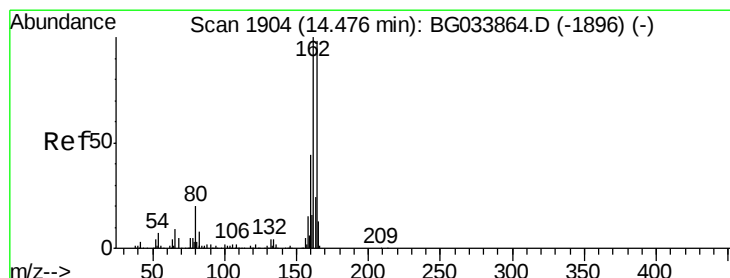
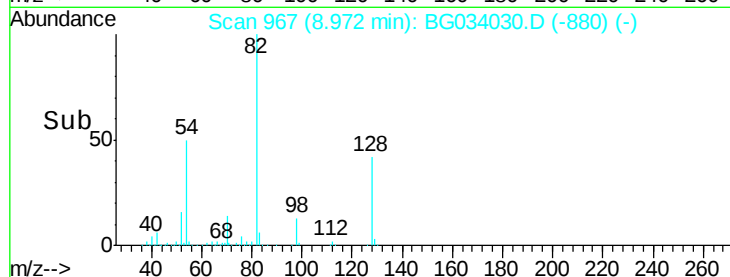
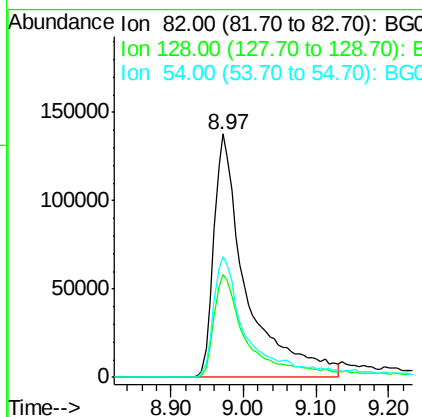
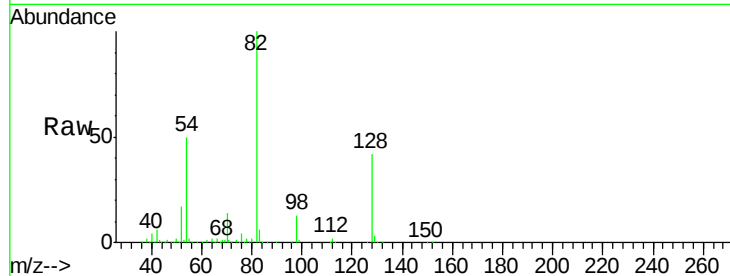
#23  
Nitrobenzene-d5  
Concen: 91.054 ng  
RT: 8.97 min Scan# 967  
Delta R.T. -0.02 min  
Lab File: BG034030.D  
Acq: 27 Apr 2018 3:07

Instrument :  
BNA\_G  
ClientSampleId :  
042418-SIDI-E-D-M

| Tot Ion   | 82    | Resp  | 430025 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.0  | 29.7  | 44.5   |
| 54        | 49.5  | 43.1  | 64.7   |

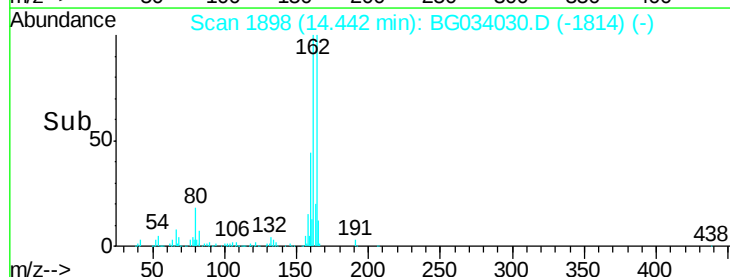
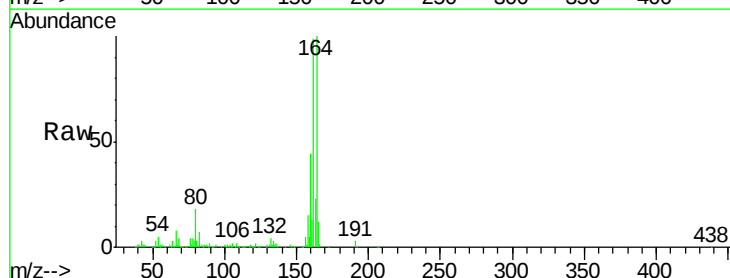
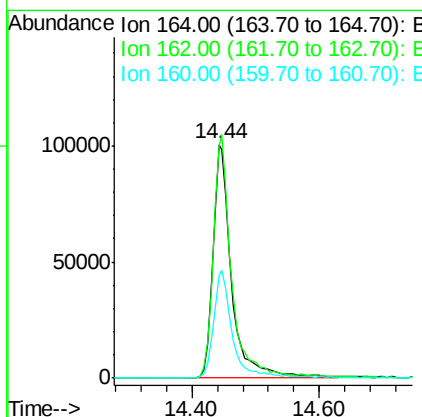
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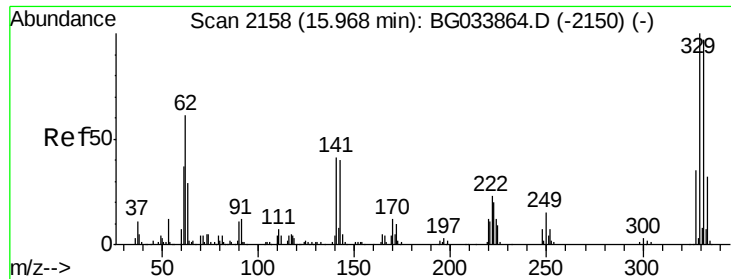
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.44 min Scan# 1898  
Delta R.T. -0.03 min  
Lab File: BG034030.D  
Acq: 27 Apr 2018 3:07

| Tgt Ion   | 164   | Resp  | 210743 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.4  | 78.8  | 118.2  |
| 160       | 43.9  | 35.4  | 53.0   |





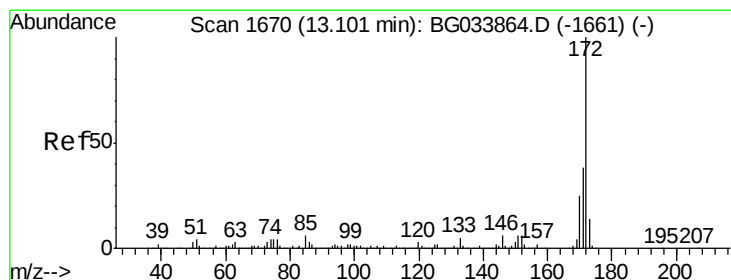
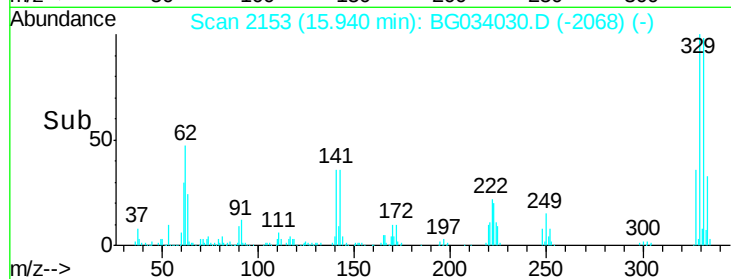
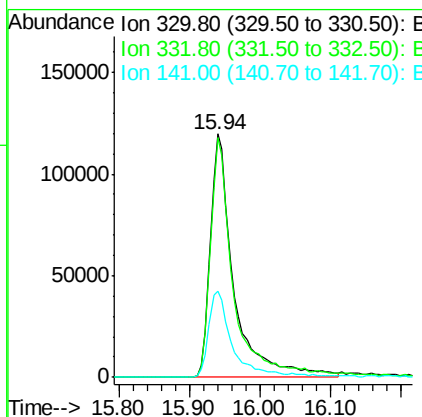
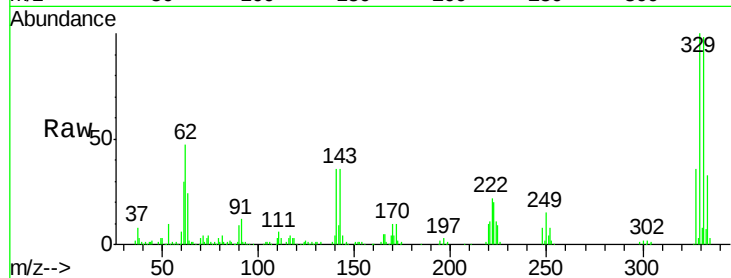
#41  
 2,4,6-Tribromophenol  
 Concen: 112.928 ng  
 RT: 15.94 min Scan# 2153  
 Delta R.T. -0.03 min  
 Lab File: BG034030.D  
 Acq: 27 Apr 2018 3:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 042418-SIDI-E-D-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.4  | 77.0  | 115.6 |
| 141     | 34.7  | 25.2  | 37.8  |

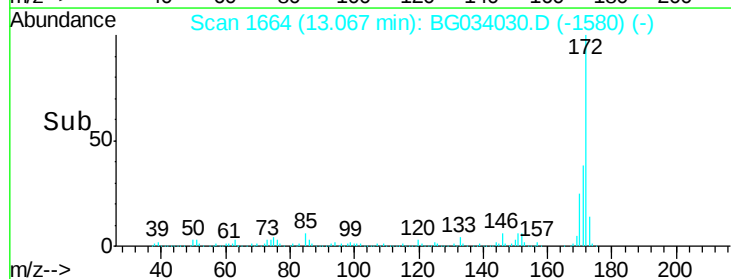
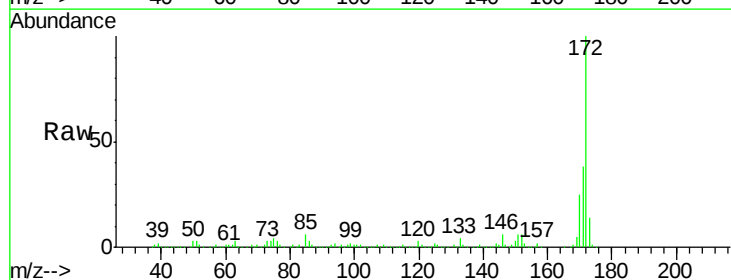
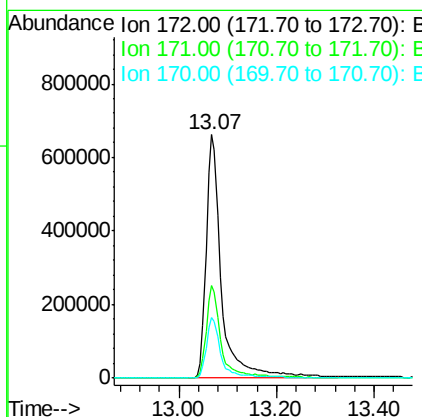
Manual Integrations  
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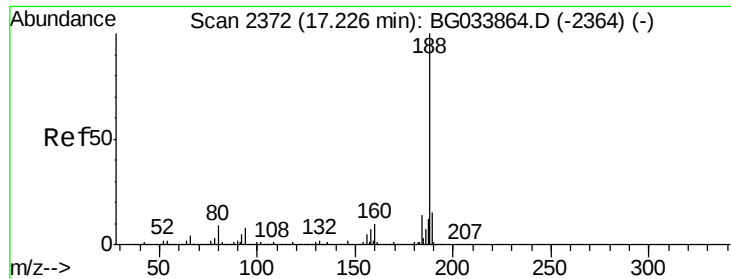
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#44  
 2-Fluorobiphenyl  
 Concen: 101.882 ng  
 RT: 13.07 min Scan# 1664  
 Delta R.T. -0.03 min  
 Lab File: BG034030.D  
 Acq: 27 Apr 2018 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.2  | 30.0  | 45.0  |
| 170     | 24.9  | 19.5  | 29.3  |





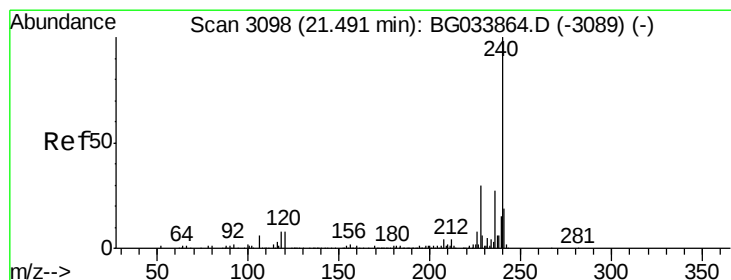
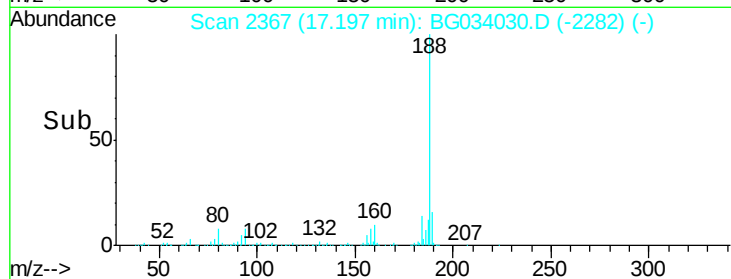
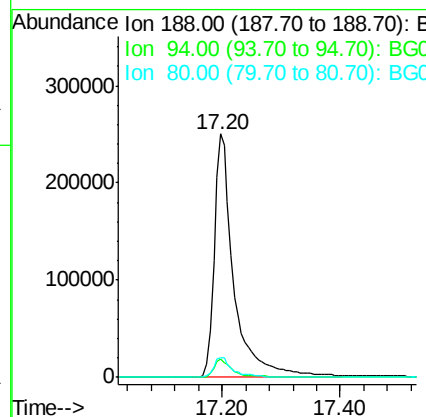
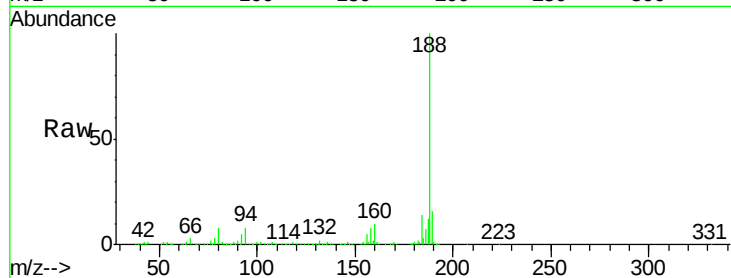
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.20 min Scan# 2367  
Delta R.T. -0.03 min  
Lab File: BG034030.D  
Acq: 27 Apr 2018 3:07

Instrument :  
BNA\_G  
ClientSampleId :  
042418-SIDI-E-D-M

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 582010 |       |       |
| 94      | 7.7   | 6.9    | 10.3  |       |
| 80      | 8.2   | 7.7    | 11.5  |       |

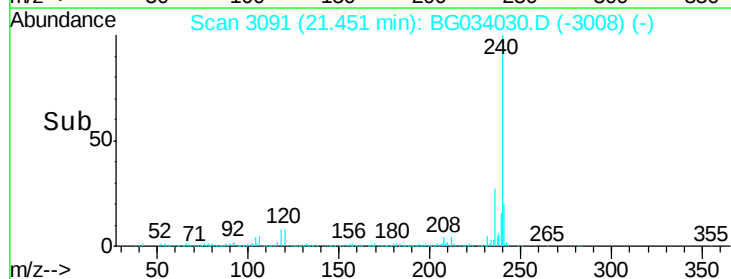
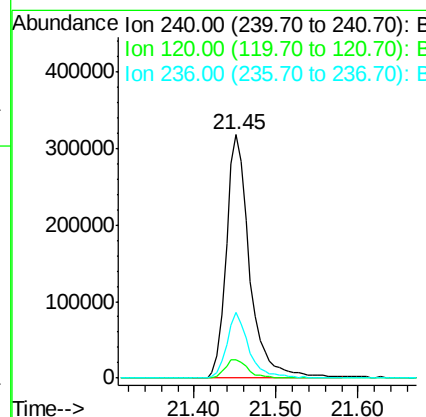
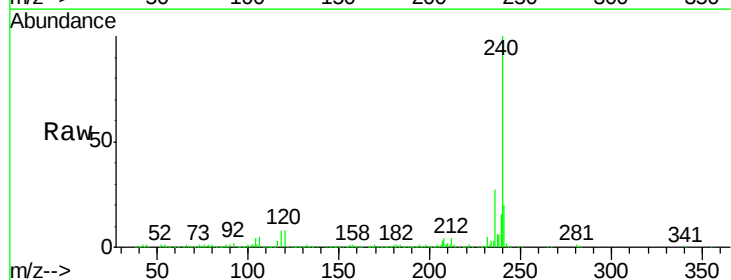
Manual Integrations  
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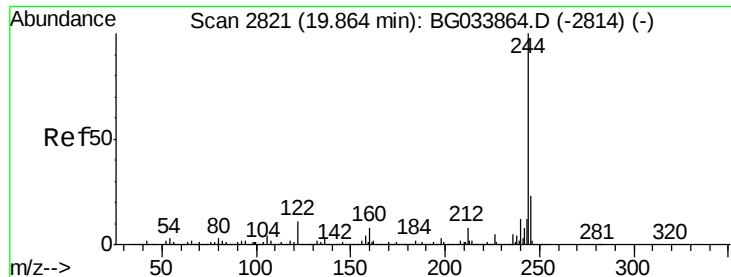
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#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.45 min Scan# 3091  
Delta R.T. -0.04 min  
Lab File: BG034030.D  
Acq: 27 Apr 2018 3:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 629515 |       |       |
| 120     | 7.7   | 6.8    | 10.2  |       |
| 236     | 26.8  | 20.9   | 31.3  |       |





#78

Terphenyl-d14

Concen: 97.335 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.03 min

Lab File: BG034030.D

Acq: 27 Apr 2018 3:07

Instrument :

BNA\_G

ClientSampleId :

042418-SIDI-E-D-M

Tot Ion:244 Resp: 2727381

Ion Ratio Lower Upper

244 100

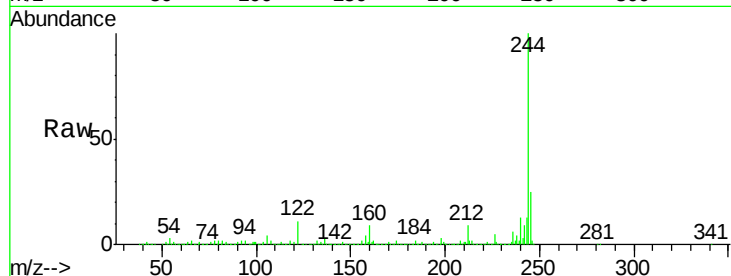
212 9.2 5.8 8.8#

122 10.7 7.0 10.4#

Manual Integrations  
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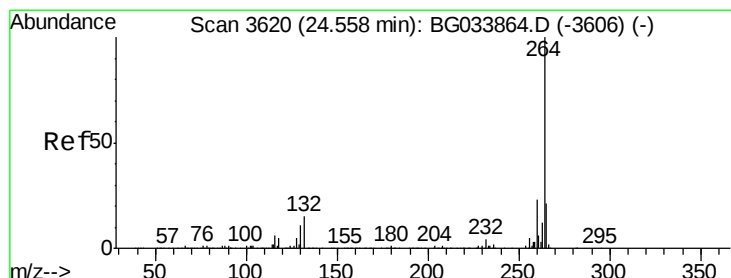
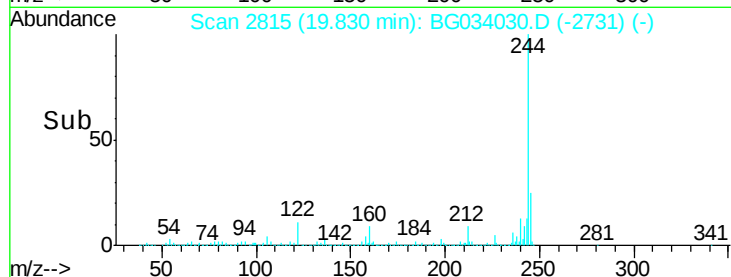
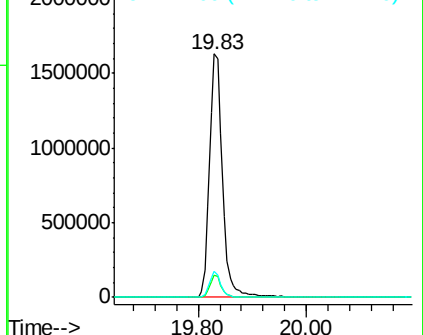
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.49 min Scan# 3609

Delta R.T. -0.06 min

Lab File: BG034030.D

Acq: 27 Apr 2018 3:07

Tgt Ion:264 Resp: 637722

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 22.6 17.7 26.5

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

