

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
 Data File : BF103139.D  
 Acq On : 21 Feb 2018 16:32  
 Operator : SJ/JU  
 Sample : J1391-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-05-022018-B

Manual Integrations  
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Sohil  
 2/22/2018 9:05:04 AM

Quant Time: Feb 21 17:02:52 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 16 14:34:49 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 173553   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.16  | 136  | 710710   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.92  | 164  | 291005   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.40 | 188  | 436650   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 14.05 | 240  | 346478   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.54 | 264  | 283640   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.50  | 112  | 1110410  | 97.17 | ng    | 0.01     |
| 7) Phenol-d6                | 6.51  | 99   | 1343004  | 97.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 817722   | 79.82 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.71 | 330  | 210448   | 89.85 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 1114047  | 63.52 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.99 | 244  | 845559   | 57.78 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 49) Dimethylphthalate       | 9.62  | 163  | 74975m   | 3.304 | ng    | Qvalue   |

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

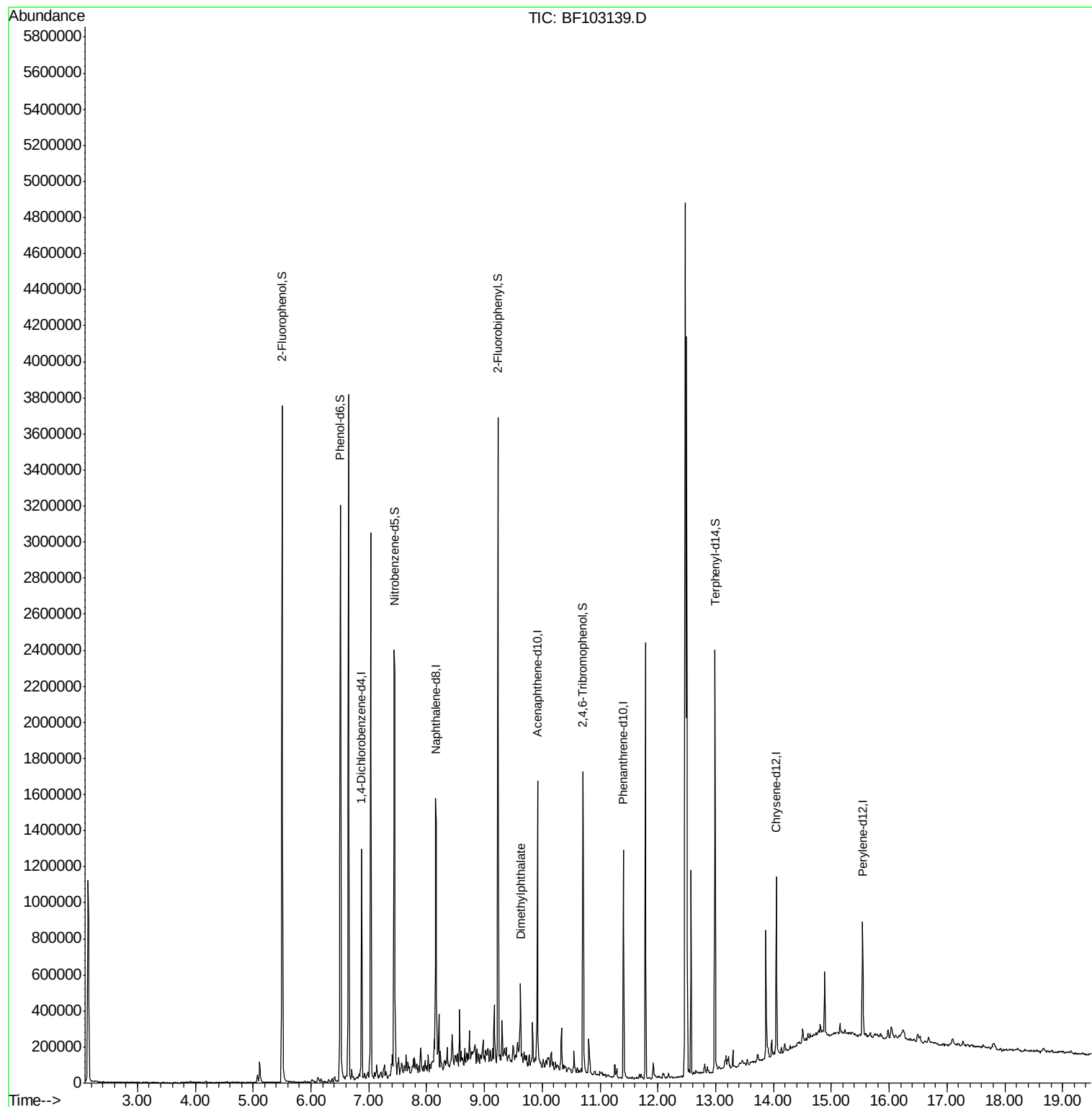
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103139.D  
Acq On : 21 Feb 2018 16:32  
Operator : SJ/JU  
Sample : J1391-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

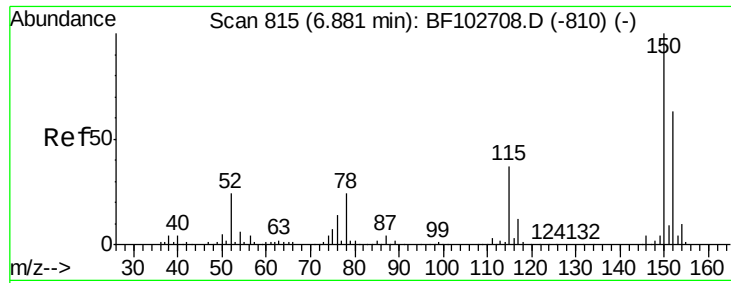
Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-022018-B

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2/22/2018 9:05:04 AM

Quant Time: Feb 21 17:02:52 2018  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 16 14:34:49 2018  
Response via : Initial Calibration





#1

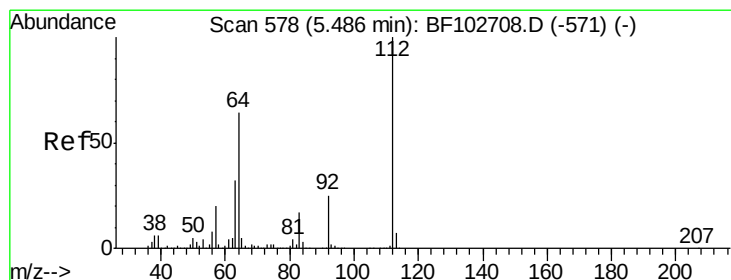
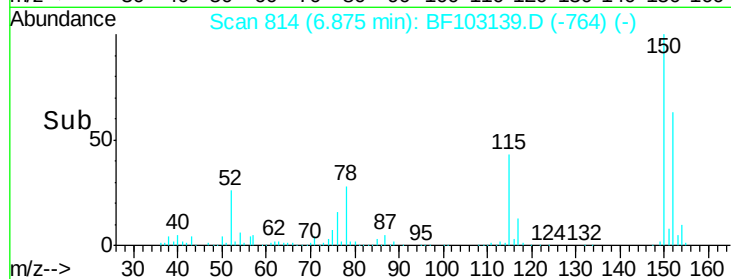
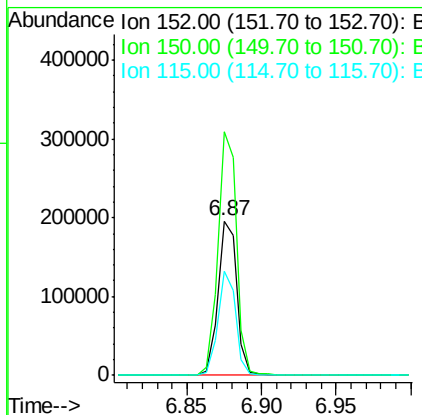
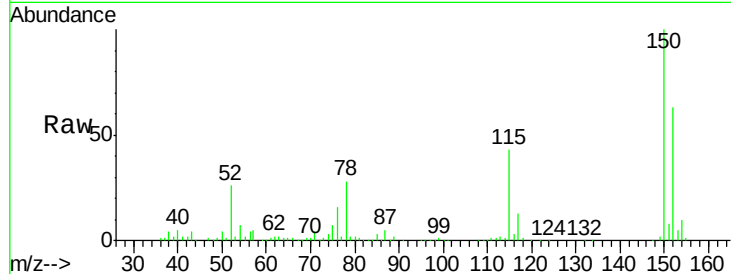
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF103139.D  
Acq: 21 Feb 2018 16:32

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-022018-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.8 | 124.6 | 186.8 |
| 115     | 67.7  | 50.1  | 75.1  |

Manual Integrations  
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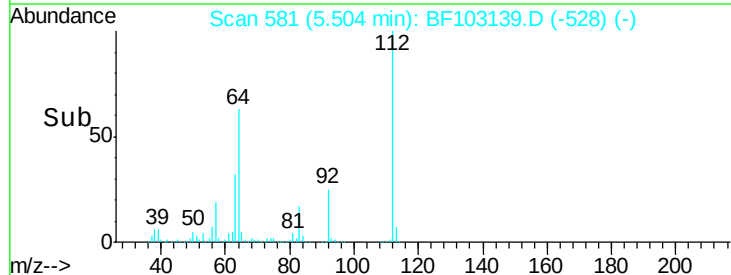
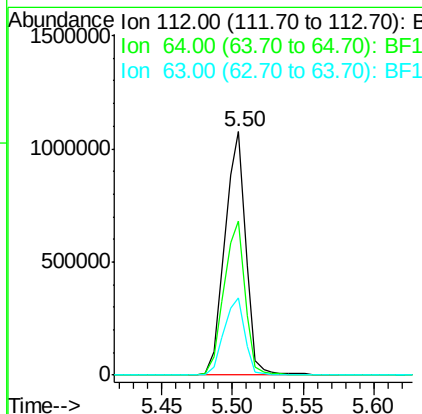
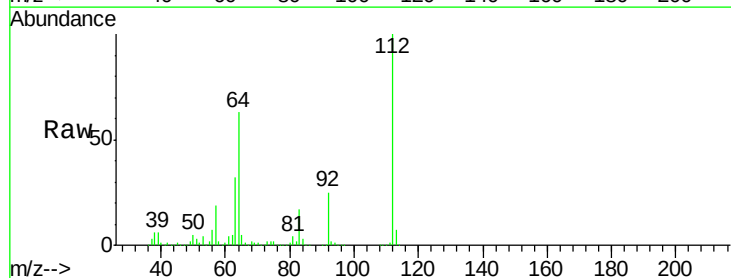
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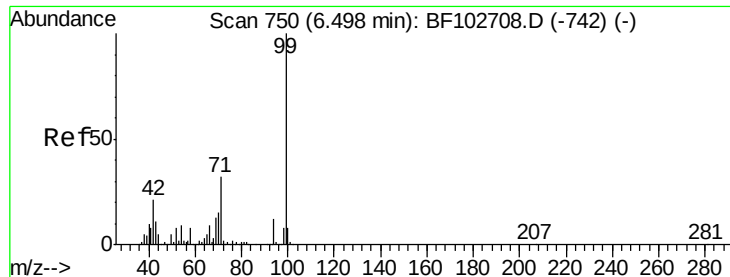


#5

2-Fluorophenol  
Concen: 97.166 ng  
RT: 5.50 min Scan# 581  
Delta R.T. 0.01 min  
Lab File: BF103139.D  
Acq: 21 Feb 2018 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.2  | 47.9  | 71.9  |
| 63      | 31.8  | 23.7  | 35.5  |





#7

Phenol-d6

Concen: 97.602 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103139.D

Acq: 21 Feb 2018 16:32

Instrument :

BNA\_F

ClientSampleId :

AU-05-022018-B

Tot Ion: 99 Resp: 1343004

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

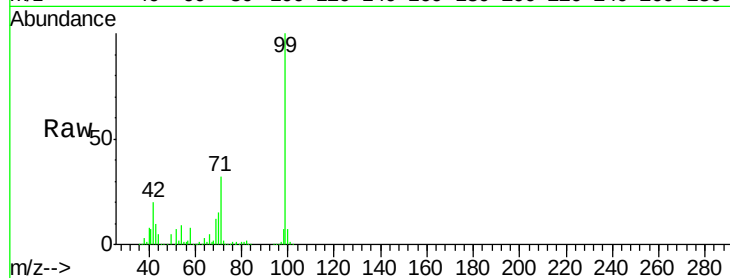
71 32.5 25.4 38.0

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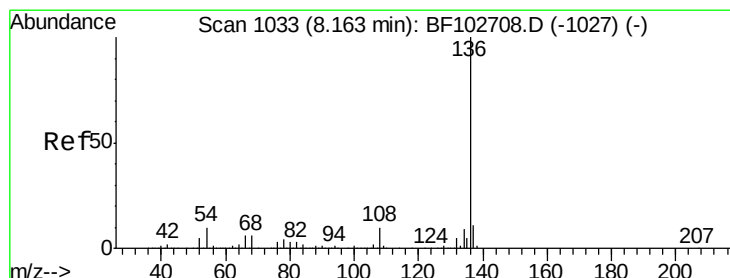
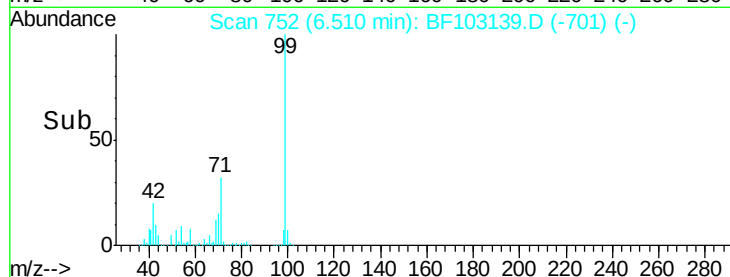
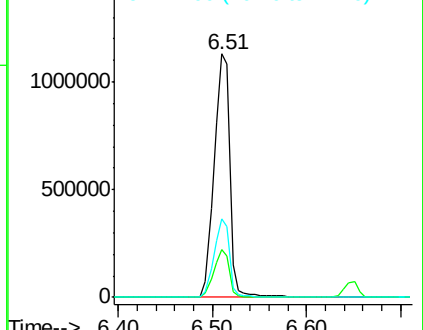
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103139.D

Acq: 21 Feb 2018 16:32

Tgt Ion: 136 Resp: 710710

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.3 6.6 9.8#

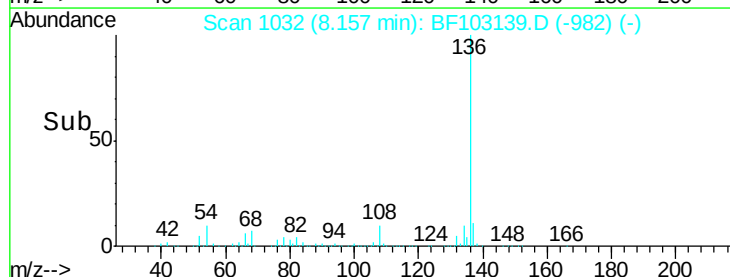
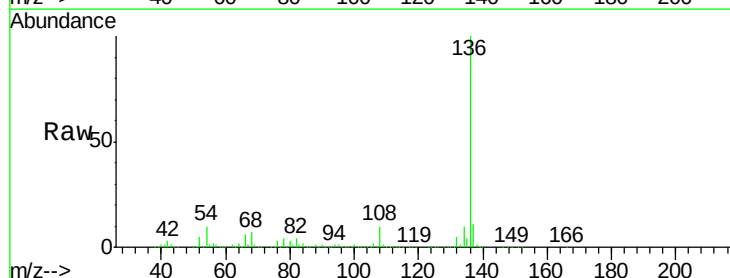
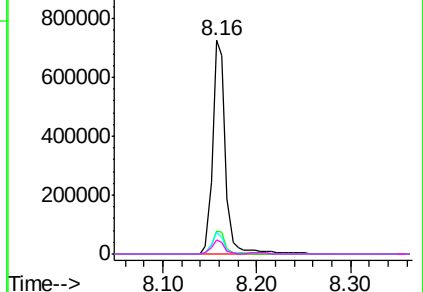
68 6.9 5.0 7.4

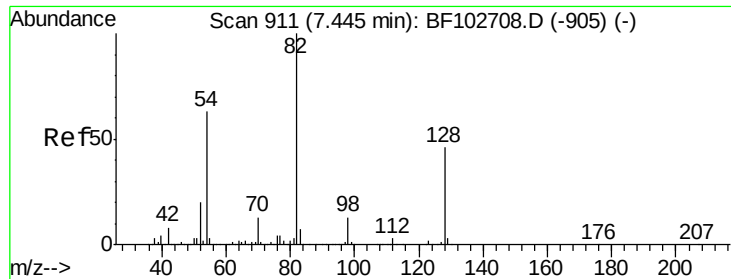
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





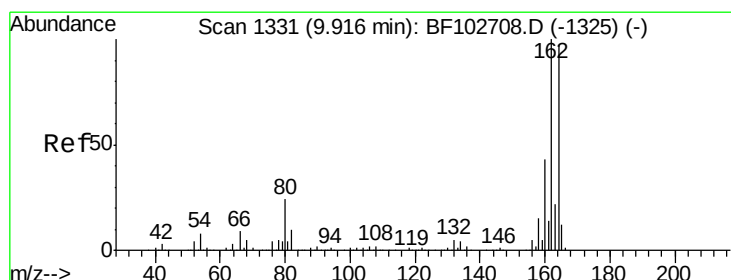
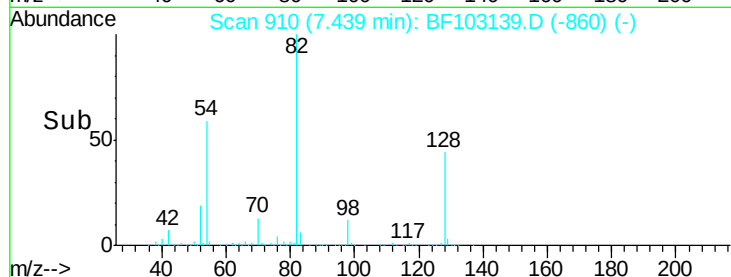
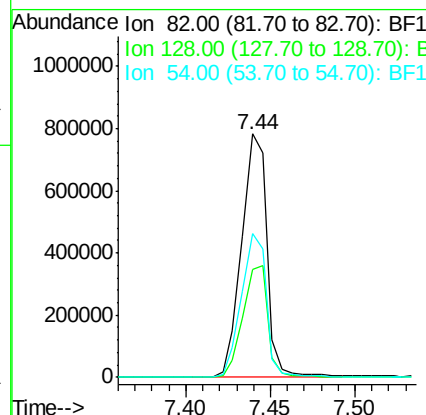
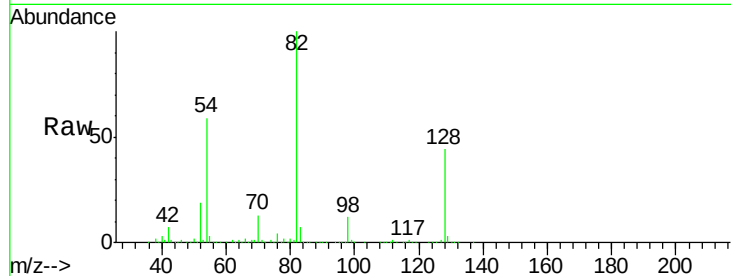
#23  
Nitrobenzene-d5  
Concen: 79.816 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BF103139.D  
Acq: 21 Feb 2018 16:32

Instrument :  
BNA\_F  
ClientSampled :  
AU-05-022018-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.2  | 36.1  | 54.1  |
| 54      | 59.3  | 41.4  | 62.2  |

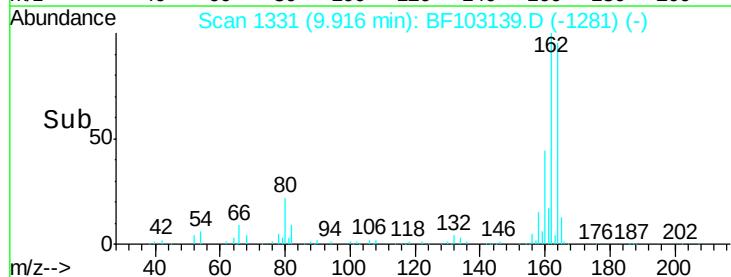
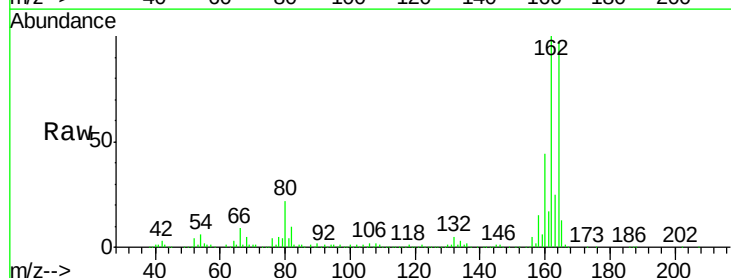
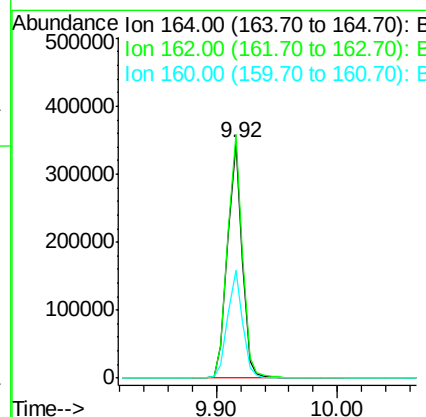
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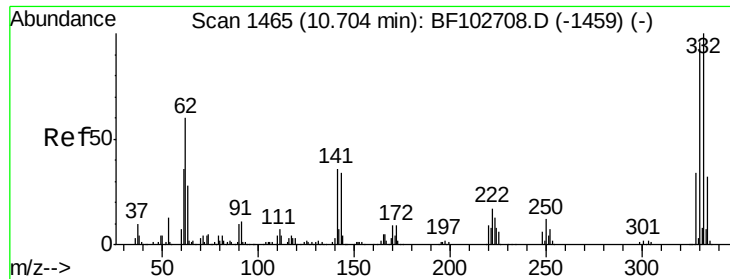
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. -0.01 min  
Lab File: BF103139.D  
Acq: 21 Feb 2018 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.5 | 86.1  | 129.1 |
| 160     | 45.7  | 38.3  | 57.5  |





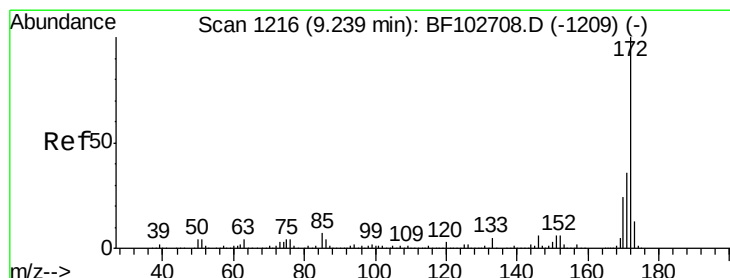
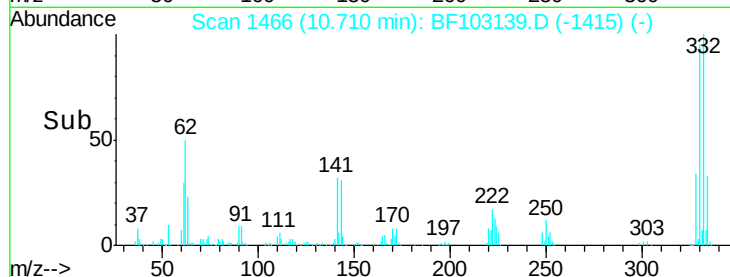
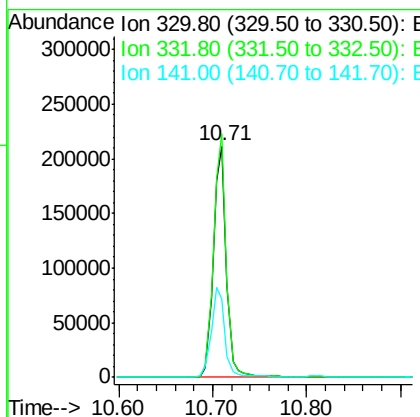
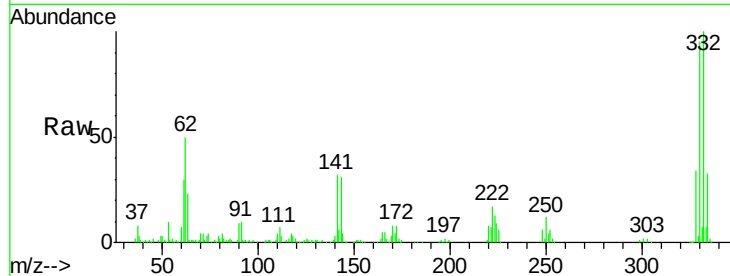
#41  
 2,4,6-Tribromophenol  
 Concen: 89.849 ng  
 RT: 10.71 min Scan# 1466  
 Delta R.T. -0.00 min  
 Lab File: BF103139.D  
 Acq: 21 Feb 2018 16:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-05-022018-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 103.5 | 77.0  | 115.6 |
| 141     | 39.6  | 29.9  | 44.9  |

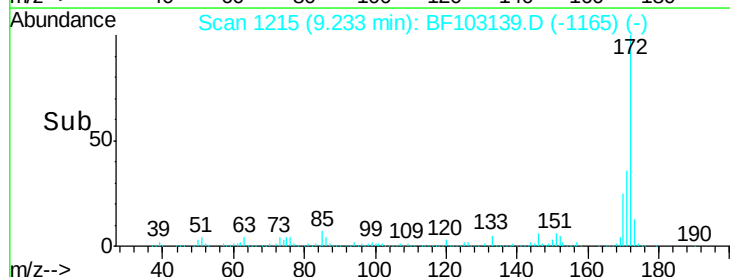
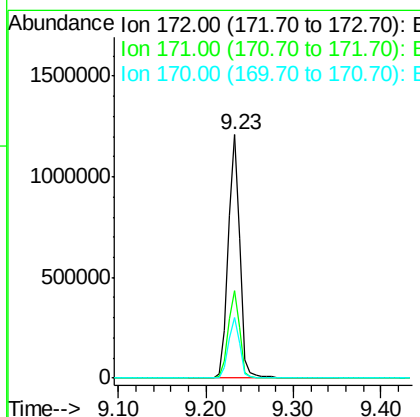
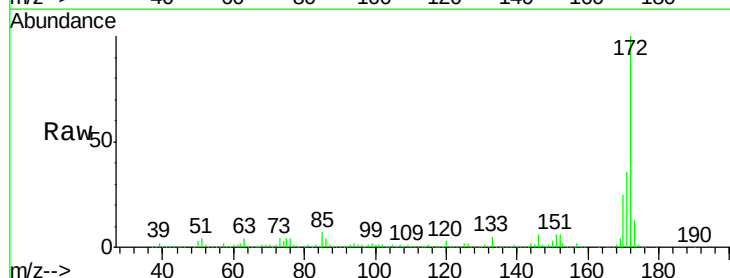
Manual Integrations  
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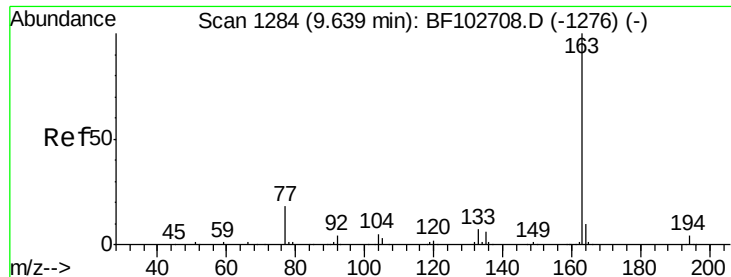
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#44  
 2-Fluorobiphenyl  
 Concen: 63.525 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. -0.01 min  
 Lab File: BF103139.D  
 Acq: 21 Feb 2018 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.7  | 44.5  |
| 170     | 24.8  | 19.6  | 29.4  |





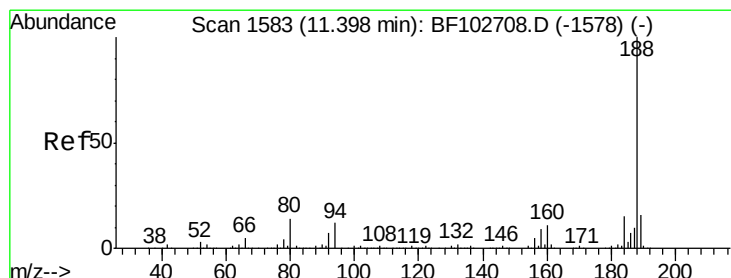
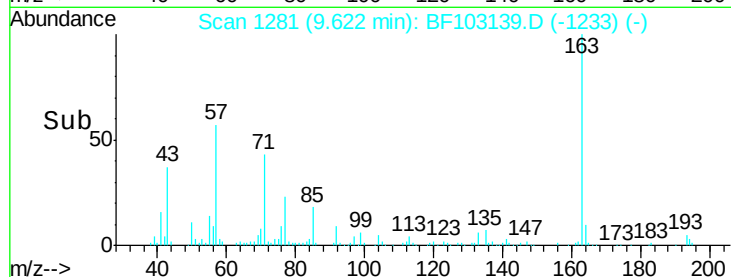
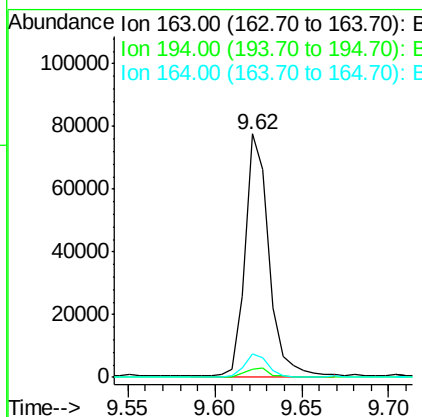
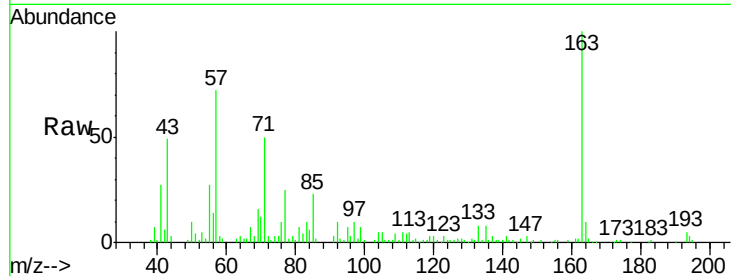
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Dimethylphthalate  
Concen: 3.304 ng/mL  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.02 min  
Lab File: BF103139.D  
Acq: 21 Feb 2018 16:32

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-022018-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.4   | 2.7   | 4.1   |
| 164     | 9.7   | 8.2   | 12.2  |

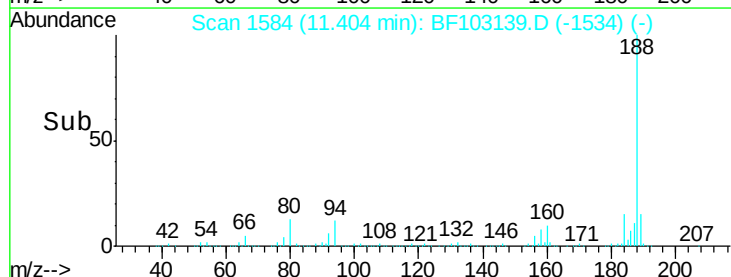
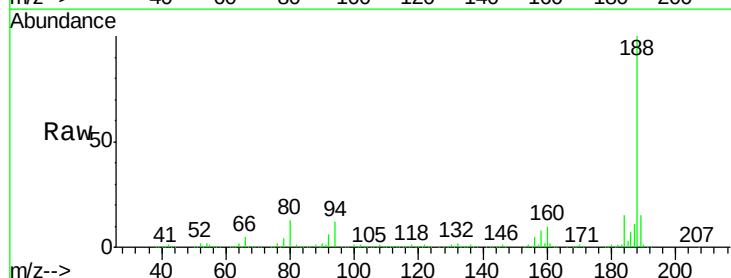
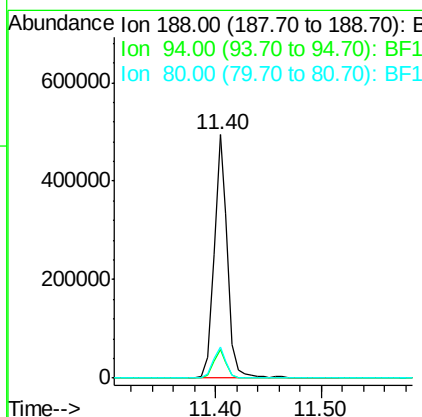
Manual Integrations  
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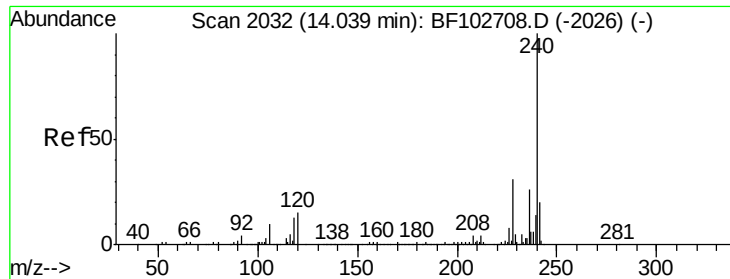
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#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF103139.D  
Acq: 21 Feb 2018 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.8  | 8.5   | 12.7  |
| 80      | 12.9  | 9.2   | 13.8  |





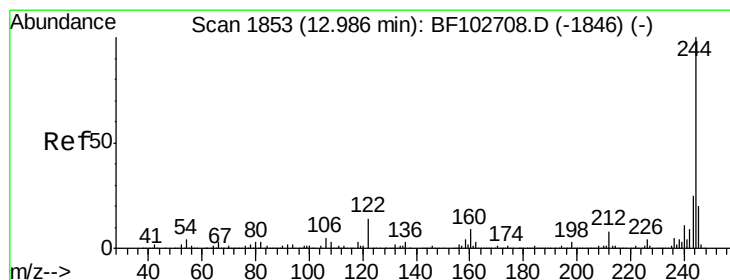
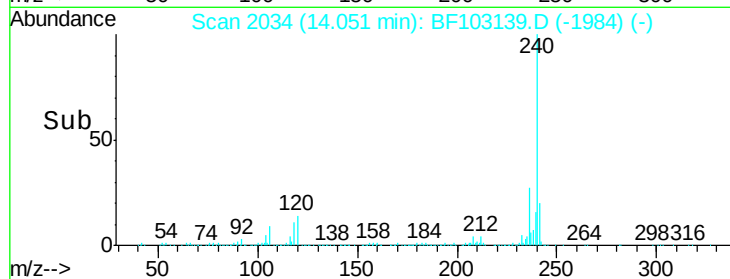
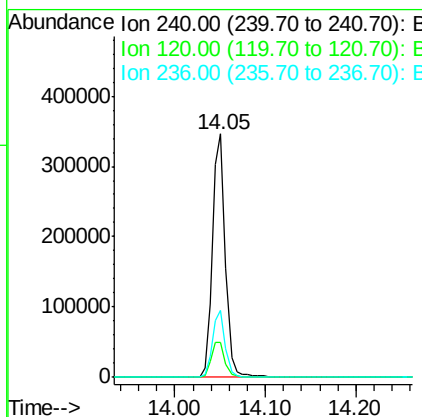
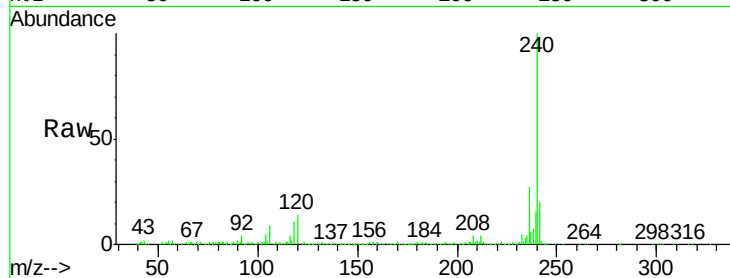
#75  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 14.05 min Scan# 2034  
 Delta R.T. -0.01 min  
 Lab File: BF103139.D  
 Acq: 21 Feb 2018 16:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-05-022018-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 14.5  | 9.5   | 14.3# |
| 236     | 27.3  | 20.7  | 31.1  |

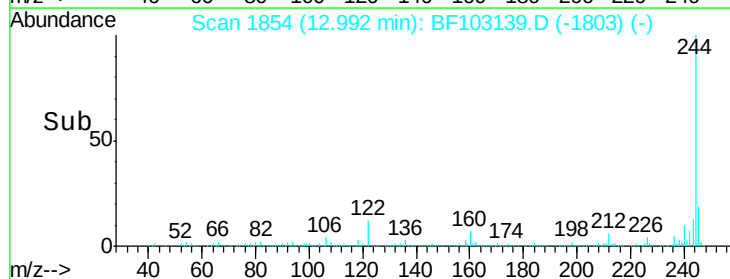
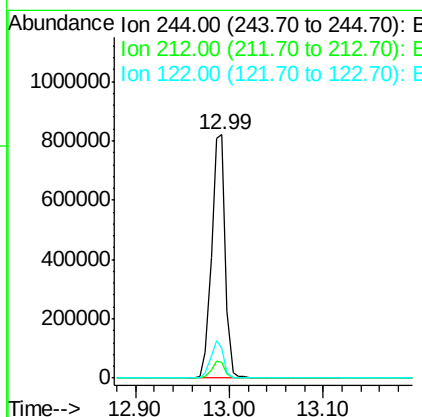
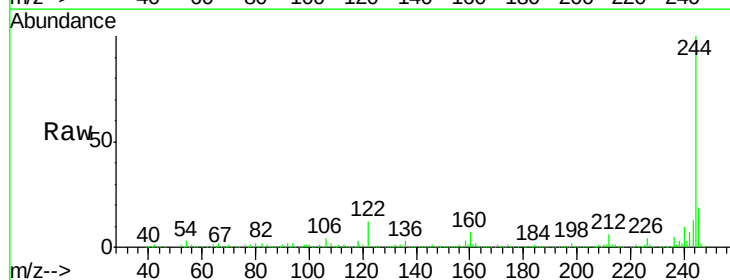
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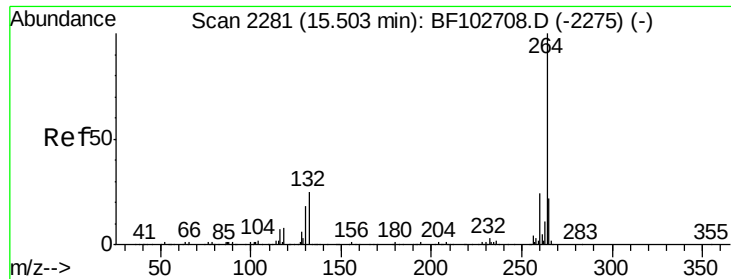


#78  
 Terphenyl-d14  
 Concen: 57.784 ng  
 RT: 12.99 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: BF103139.D  
 Acq: 21 Feb 2018 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.3   | 5.4   | 8.0   |
| 122     | 12.3  | 11.0  | 16.4  |







#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2287  
Delta R.T. -0.01 min  
Lab File: BF103139.D  
Acq: 21 Feb 2018 16:32

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-022018-B

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 24.1  | 19.2       | 28.8  |
| 265     | 22.8  | 17.5       | 26.3  |

Manual Integrations  
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2/22/2018 9:05:04 AM

