

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\  
 Data File : BF104381.D  
 Acq On : 9 Apr 2018 19:16  
 Operator : JU/SJ  
 Sample : J2157-07 2X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-040618-D

Manual Integrations  
 APPROVED

Sohil  
 4/10/2018 12:00:24 PM

Quant Time: Apr 10 03:05:09 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 06 16:44:53 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 131166   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 504180   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.85  | 164  | 196311   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.33 | 188  | 295958   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.97 | 240  | 278975   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.44 | 264  | 198572   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.40  | 112  | 422174   | 49.21 | ng    | 0.00     |
| 7) Phenol-d6                | 6.43  | 99   | 506592   | 48.06 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 290204   | 37.59 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 87953    | 43.19 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 508587   | 40.93 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.92 | 244  | 378364   | 30.92 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 49) Dimethylphthalate       | 9.56  | 163  | 47425    | 3.063 | ng    | 99       |
| 74) Fluoranthene            | 12.55 | 202  | 37914    | 2.202 | ng    | 98       |

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

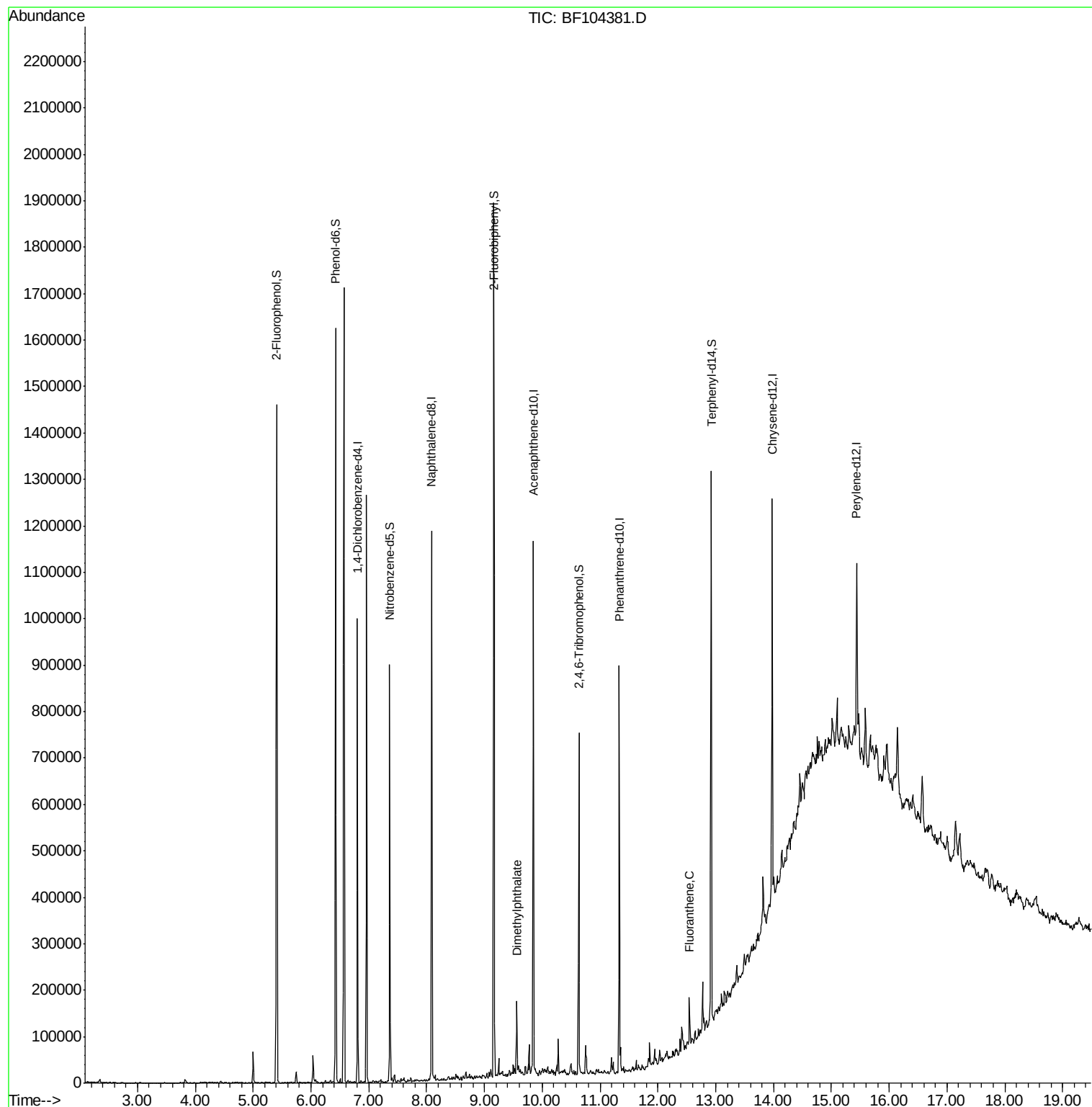
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\  
Data File : BF104381.D  
Acq On : 9 Apr 2018 19:16  
Operator : JU/SJ  
Sample : J2157-07 2X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

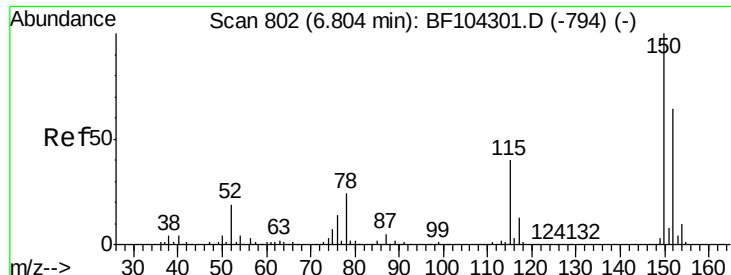
Instrument :  
BNA\_F  
ClientSampleId :  
CL-01-040618-D

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4/10/2018 12:00:24 PM

Quant Time: Apr 10 03:05:09 2018  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 06 16:44:53 2018  
Response via : Initial Calibration





#1

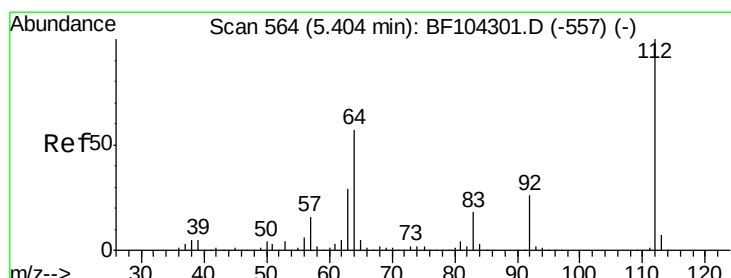
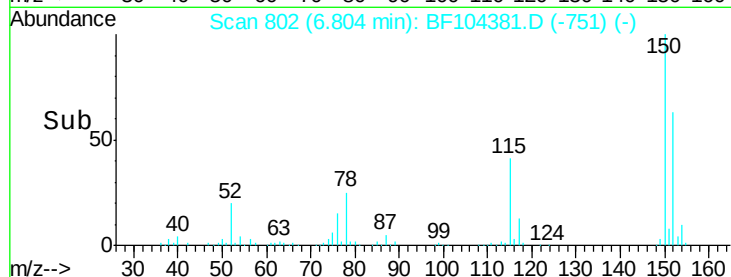
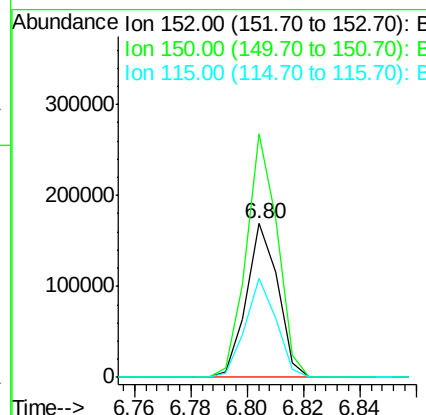
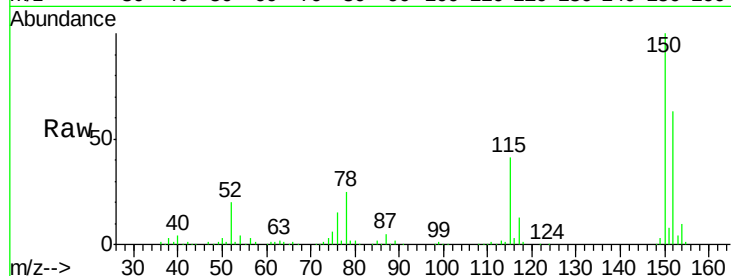
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF104381.D  
Acq: 9 Apr 2018 19:16

Instrument :  
BNA\_F  
ClientSampleId :  
CL-01-040618-D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.7 | 124.6 | 186.8 |
| 115     | 64.6  | 50.1  | 75.1  |

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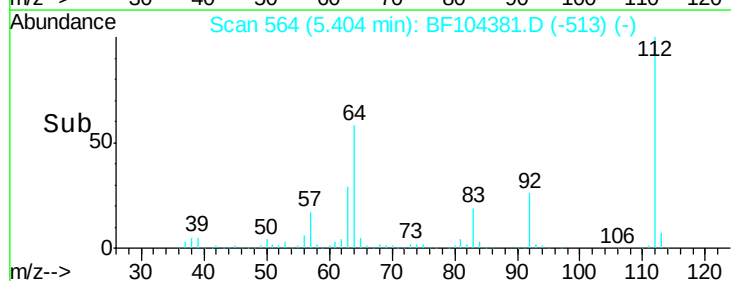
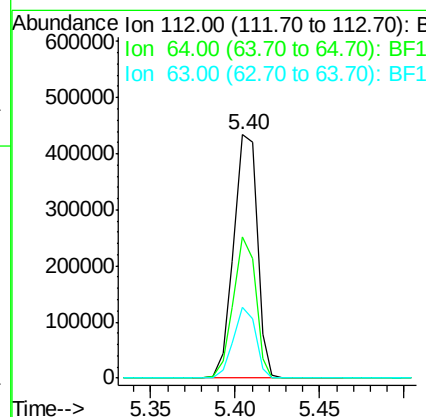
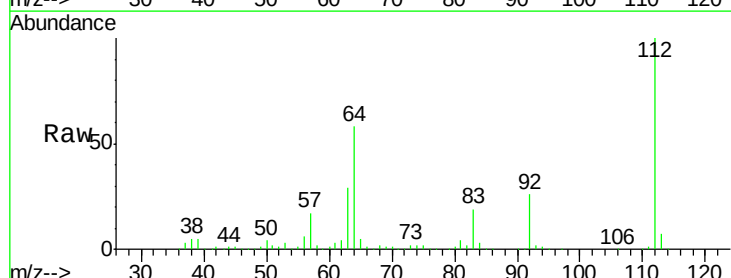
Sohil  
4/10/2018 12:00:24 PM

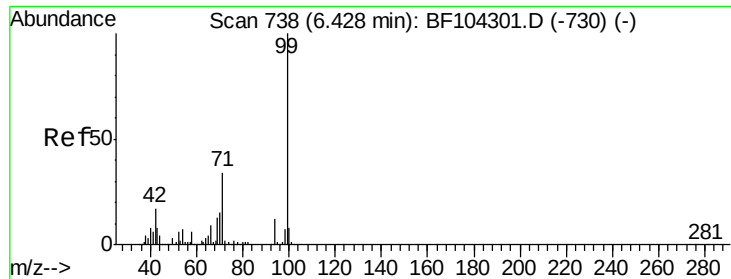


#5

2-Fluorophenol  
Concen: 49.215 ng  
RT: 5.40 min Scan# 564  
Delta R.T. 0.00 min  
Lab File: BF104381.D  
Acq: 9 Apr 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 58.0  | 47.9  | 71.9  |
| 63      | 29.1  | 23.7  | 35.5  |





#7

Phenol-d6

Concen: 48.064 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF104381.D

Acq: 9 Apr 2018 19:16

Instrument :

BNA\_F

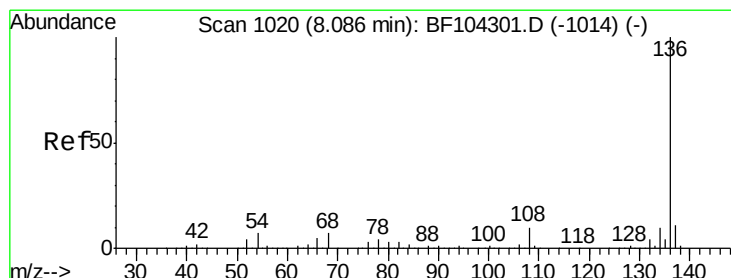
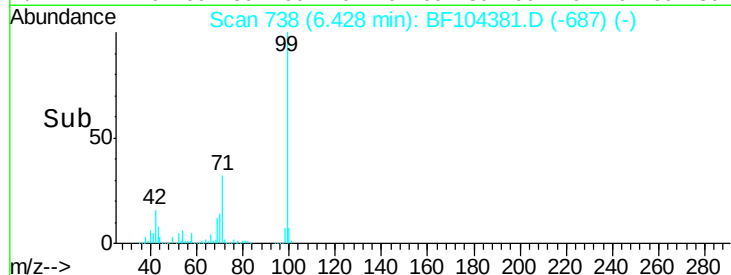
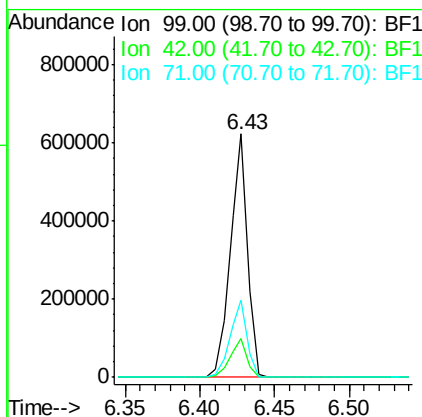
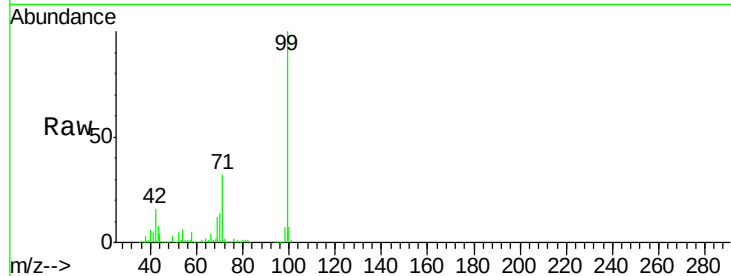
ClientSampleId :

CL-01-040618-D

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 506592 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 15.8  | 14.5  | 21.7   |
| 71       | 31.5  | 25.4  | 38.0   |

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#21

Naphthalene-d8

Concen: 20.000 ng

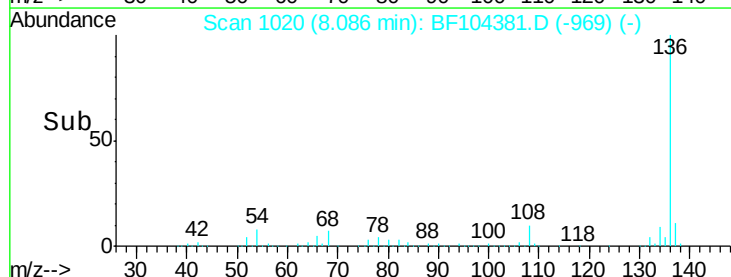
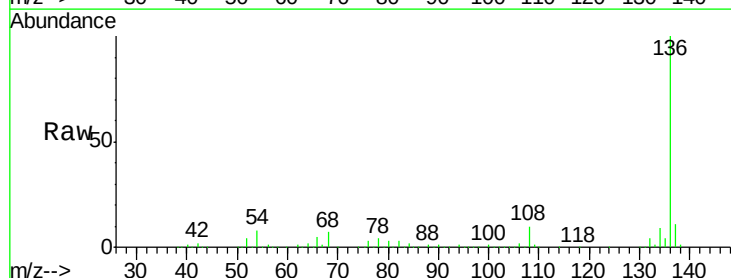
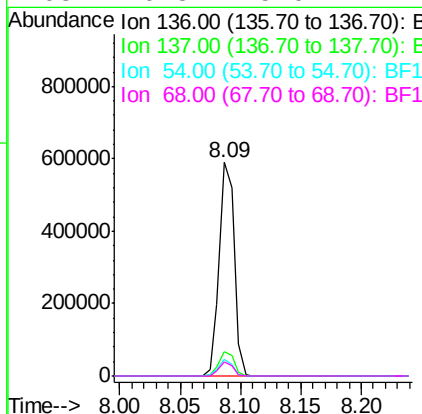
RT: 8.09 min Scan# 1020

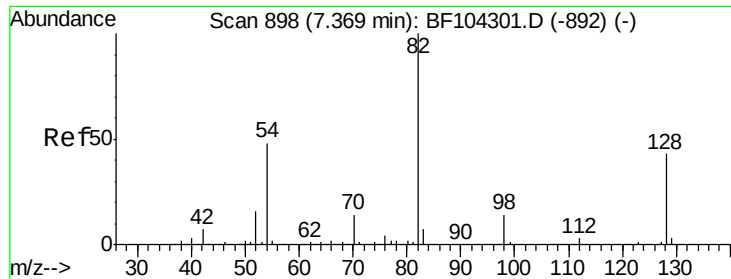
Delta R.T. 0.00 min

Lab File: BF104381.D

Acq: 9 Apr 2018 19:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 504180 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.9   | 13.3   |
| 54       | 7.6   | 6.6   | 9.8    |
| 68       | 6.8   | 5.0   | 7.4    |





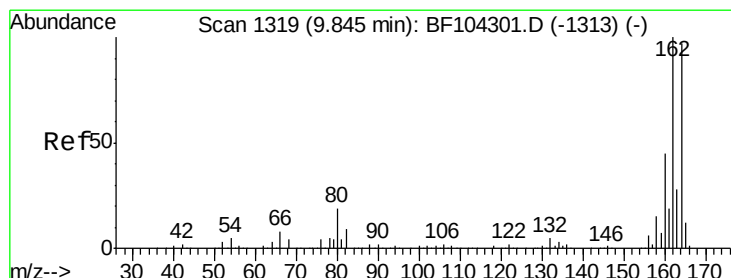
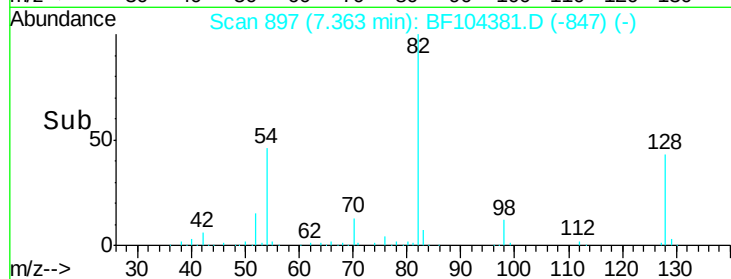
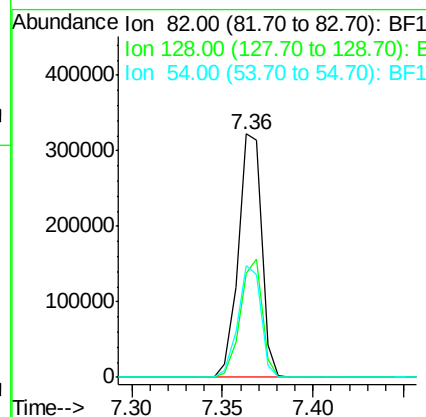
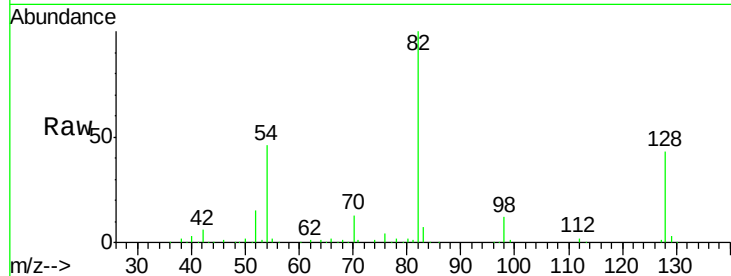
#23  
Nitrobenzene-d5  
Concen: 37.585 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BF104381.D  
Acq: 9 Apr 2018 19:16

Instrument :  
BNA\_F  
ClientSampleId :  
CL-01-040618-D

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 290204 |       |       |
| 128     | 42.5  | 36.1   | 54.1  |       |
| 54      | 46.1  | 41.4   | 62.2  |       |

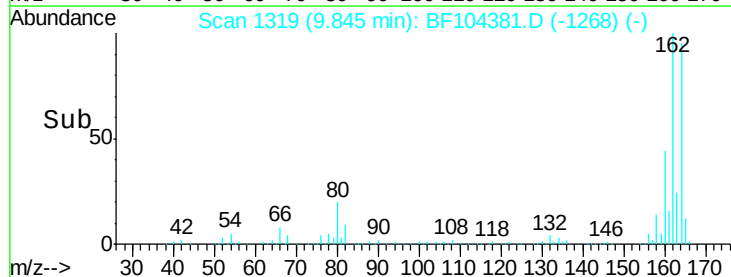
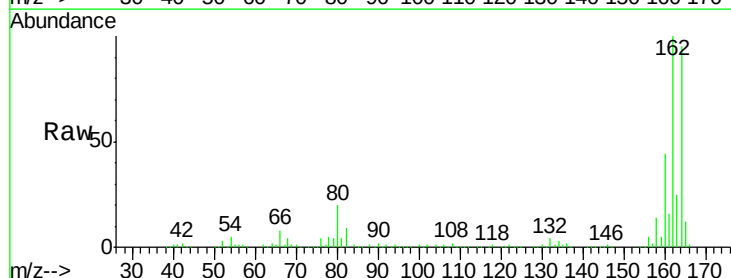
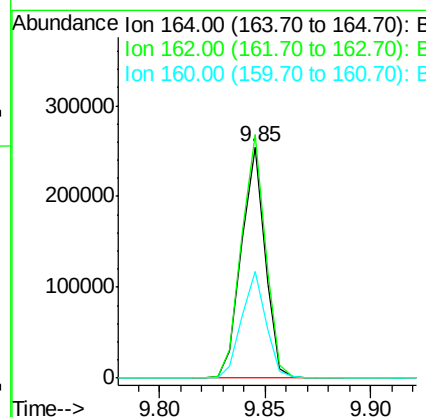
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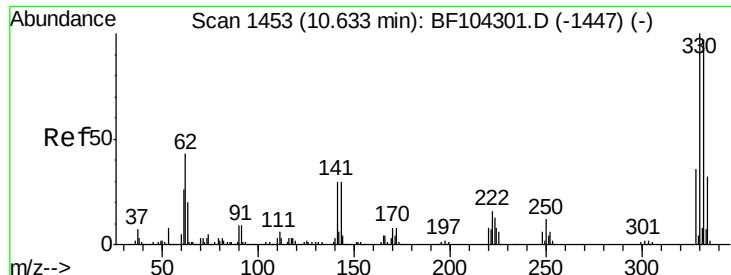
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BF104381.D  
Acq: 9 Apr 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 196311 |       |       |
| 162     | 105.2 | 86.1   | 129.1 |       |
| 160     | 46.1  | 38.3   | 57.5  |       |





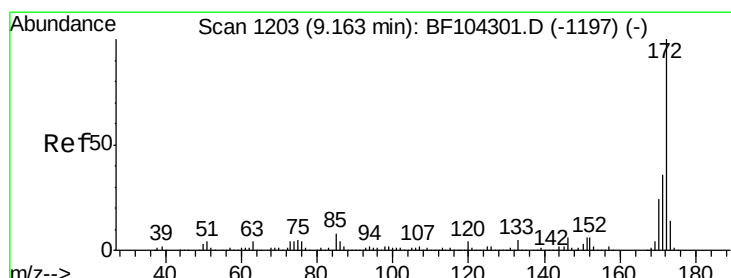
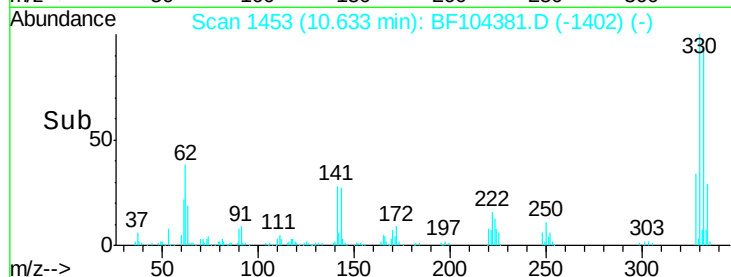
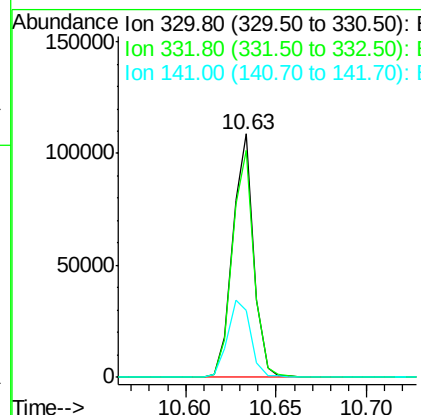
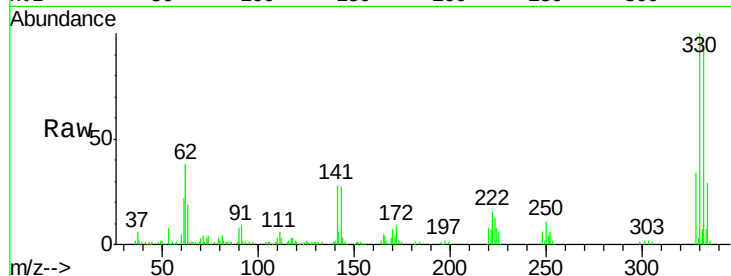
#41  
 2,4,6-Tribromophenol  
 Concen: 43.191 ng  
 RT: 10.63 min Scan# 1453  
 Delta R.T. 0.00 min  
 Lab File: BF104381.D  
 Acq: 9 Apr 2018 19:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-040618-D

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 87953 |       |       |
| 332     | 95.6  |       | 77.0  | 115.6 |
| 141     | 34.8  |       | 29.9  | 44.9  |

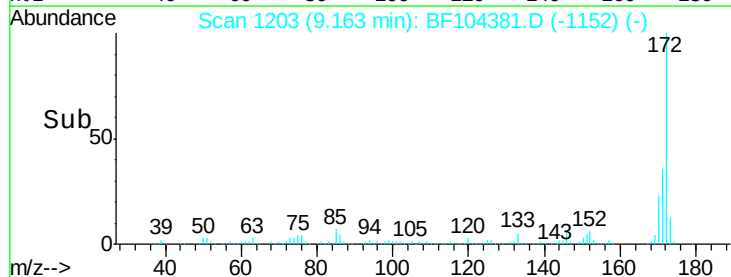
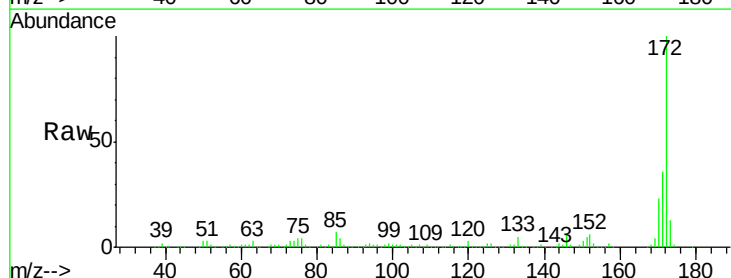
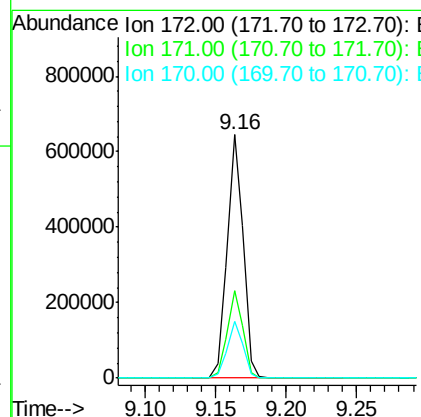
Manual Integrations  
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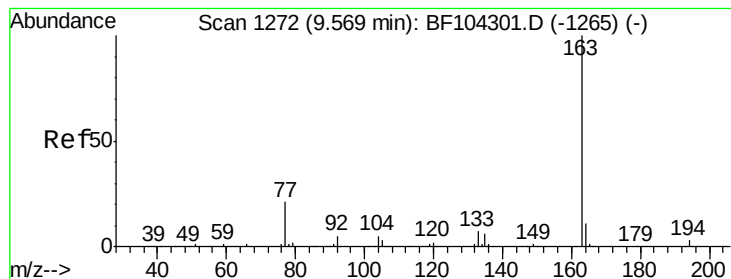
Sohil  
 4/10/2018 12:00:24 PM



#44  
 2-Fluorobiphenyl  
 Concen: 40.927 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: BF104381.D  
 Acq: 9 Apr 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 508587 |       |       |
| 171     | 36.2  |        | 29.7  | 44.5  |
| 170     | 23.5  |        | 19.6  | 29.4  |





#49

Dimethylphthalate

Concen: 3.063 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104381.D

Acq: 9 Apr 2018 19:16

Instrument :

BNA\_F

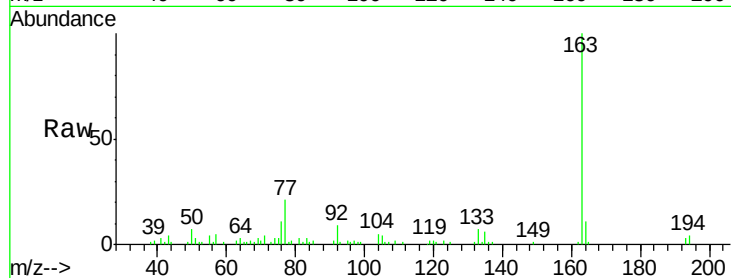
ClientSampleId :

CL-01-040618-D

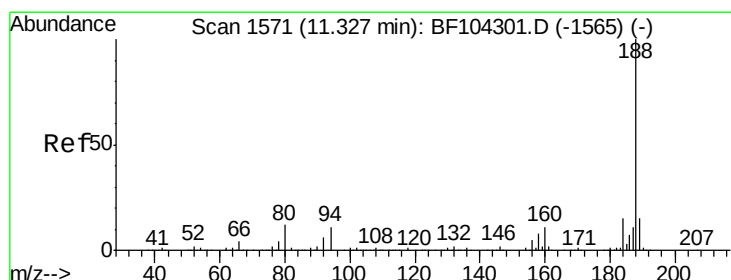
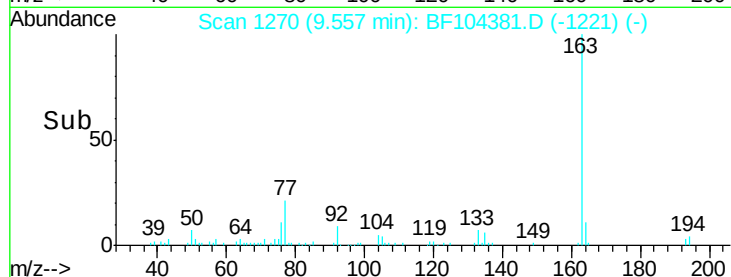
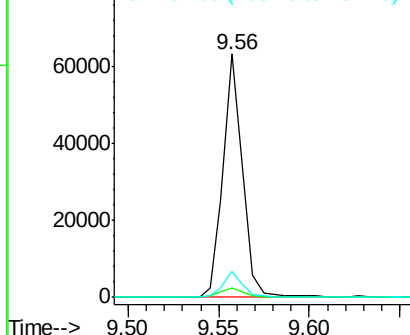
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 163   | Resp: | 47425 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.7   | 2.7   | 4.1   |
| 164       | 10.8  | 8.2   | 12.2  |

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Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

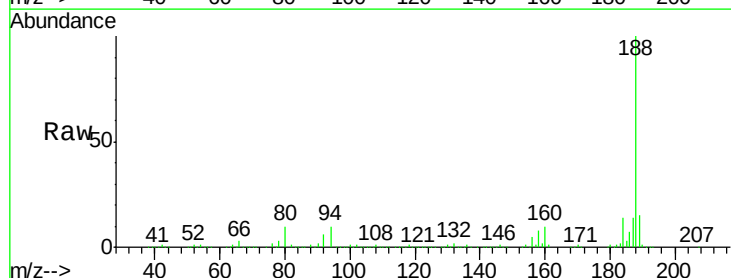
RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

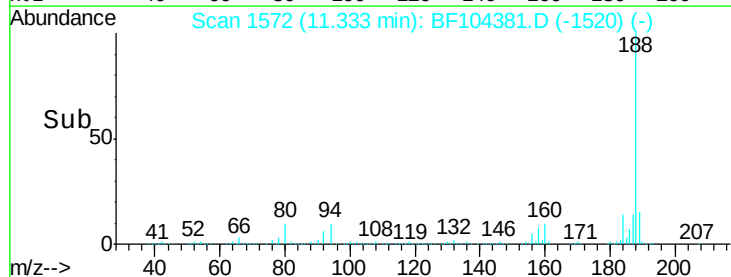
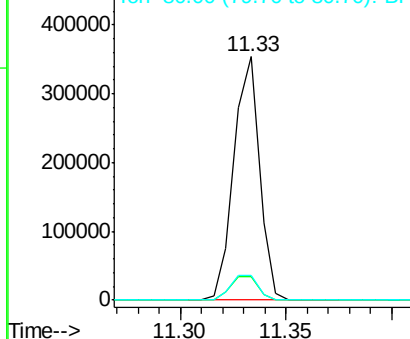
Lab File: BF104381.D

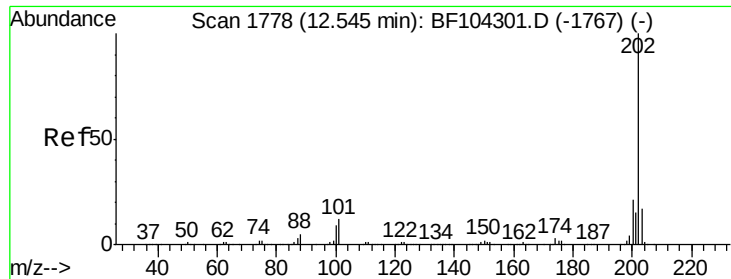
Acq: 9 Apr 2018 19:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 295958 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.8   | 8.5   | 12.7   |
| 80        | 10.0  | 9.2   | 13.8   |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.202 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104381.D

Acq: 9 Apr 2018 19:16

Instrument :

BNA\_F

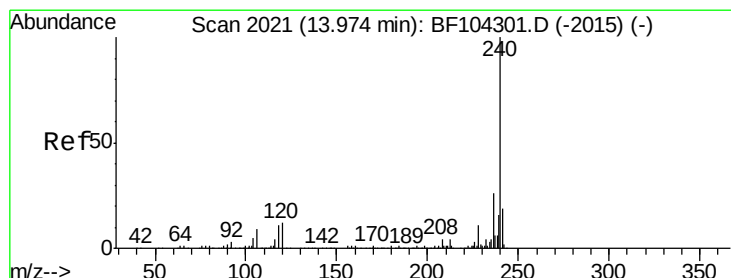
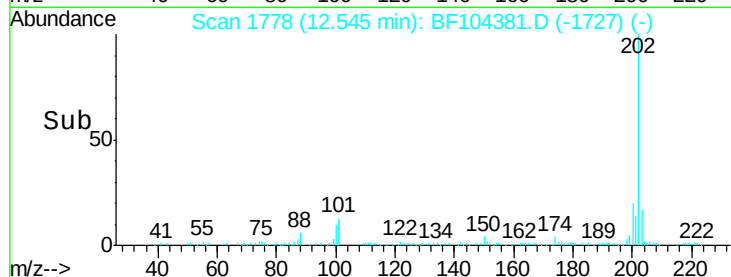
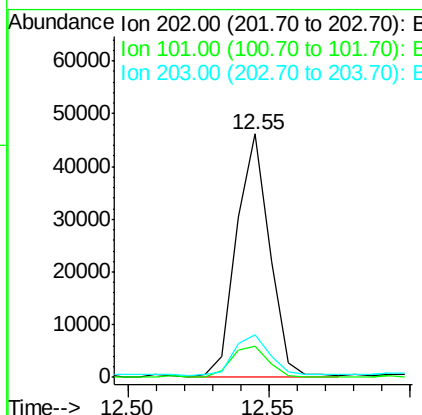
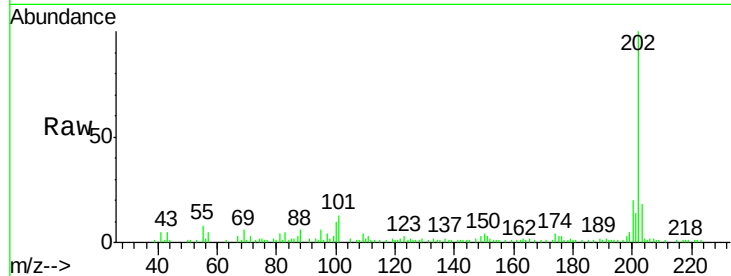
ClientSampleId :

CL-01-040618-D

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 202     | 100   | 37914 |       |       |
| 101     | 12.8  | 0.0   | 34.1  |       |
| 203     | 17.8  | 0.0   | 38.1  |       |

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#75

Chrysene-d12

Concen: 20.000 ng

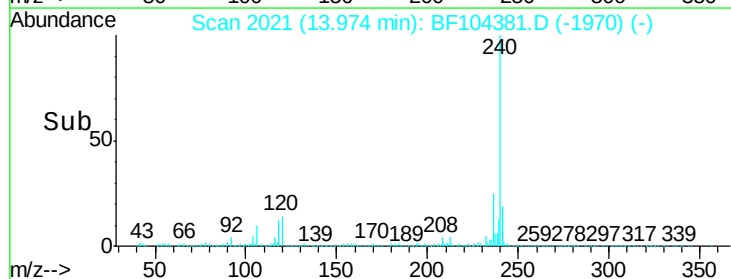
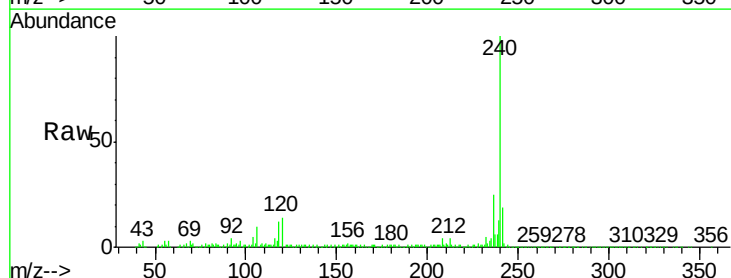
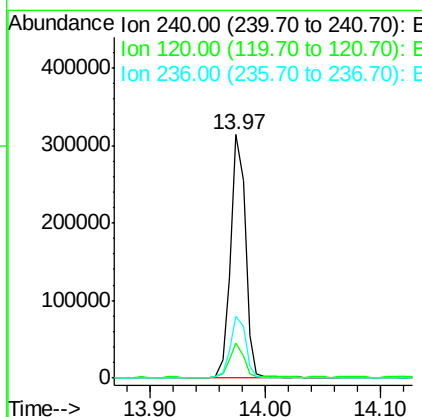
RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

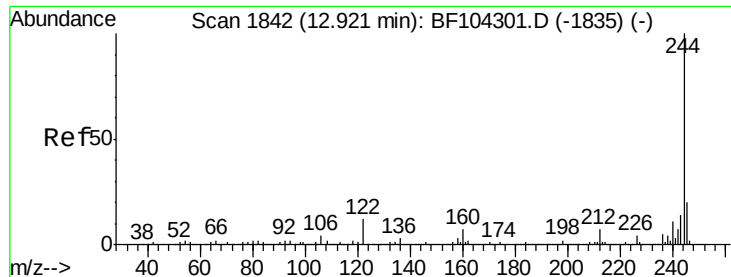
Lab File: BF104381.D

Acq: 9 Apr 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 278975 |       |       |
| 120     | 14.3  | 9.5    | 14.3  |       |
| 236     | 25.4  | 20.7   | 31.1  |       |







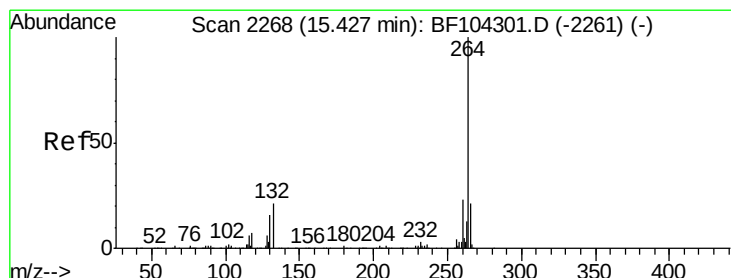
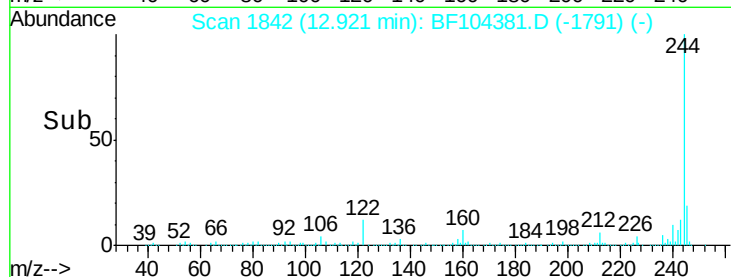
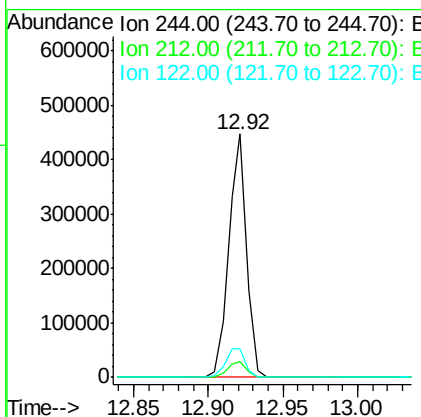
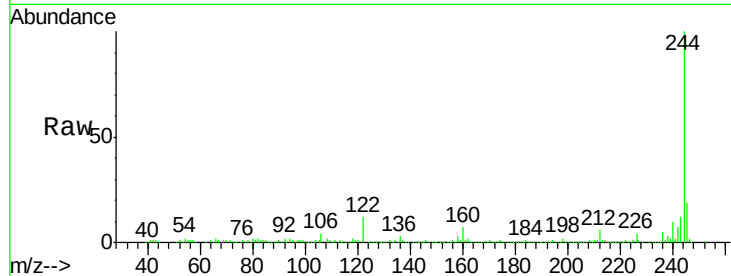
#78  
 Terphenyl-d14  
 Concen: 30.921 ng  
 RT: 12.92 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: BF104381.D  
 Acq: 9 Apr 2018 19:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-040618-D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.5   | 5.4   | 8.0   |
| 122     | 11.8  | 11.0  | 16.4  |

Manual Integrations  
 APPROVED

Sohil  
 4/10/2018 12:00:24 PM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.44 min Scan# 2270  
 Delta R.T. 0.01 min  
 Lab File: BF104381.D  
 Acq: 9 Apr 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 19.2  | 28.8  |
| 265     | 22.5  | 17.5  | 26.3  |

