

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\  
 Data File : BF098055.D  
 Acq On : 26 Aug 2017 2:51  
 Operator : SJ/JU  
 Sample : I4954-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 347-COMP

Manual Integrations  
 APPROVED

Sohil  
 8/28/2017 3:13:41 PM

Quant Time: Aug 26 03:39:12 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 15:59:04 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.75  | 152  | 101470   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.03  | 136  | 365253   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.77  | 164  | 136487   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.26 | 188  | 254550   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.89 | 240  | 222690   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.31 | 264  | 153451   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.35  | 112  | 913813   | 136.98 | ng    | 0.00     |
| 7) Phenol-d6                | 6.39  | 99   | 1234799  | 136.23 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.31  | 82   | 662382   | 98.52  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.57 | 330  | 175845   | 148.49 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.10  | 172  | 942586   | 101.46 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.85 | 244  | 827323   | 77.47  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.39  | 94   | 38481    | 3.630  | ng    | 95       |
| 49) Dimethylphthalate       | 9.49  | 163  | 118012   | 11.829 | ng    | 100      |
| 74) Fluoranthene            | 12.47 | 202  | 37385    | 2.641  | ng    | 97       |

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

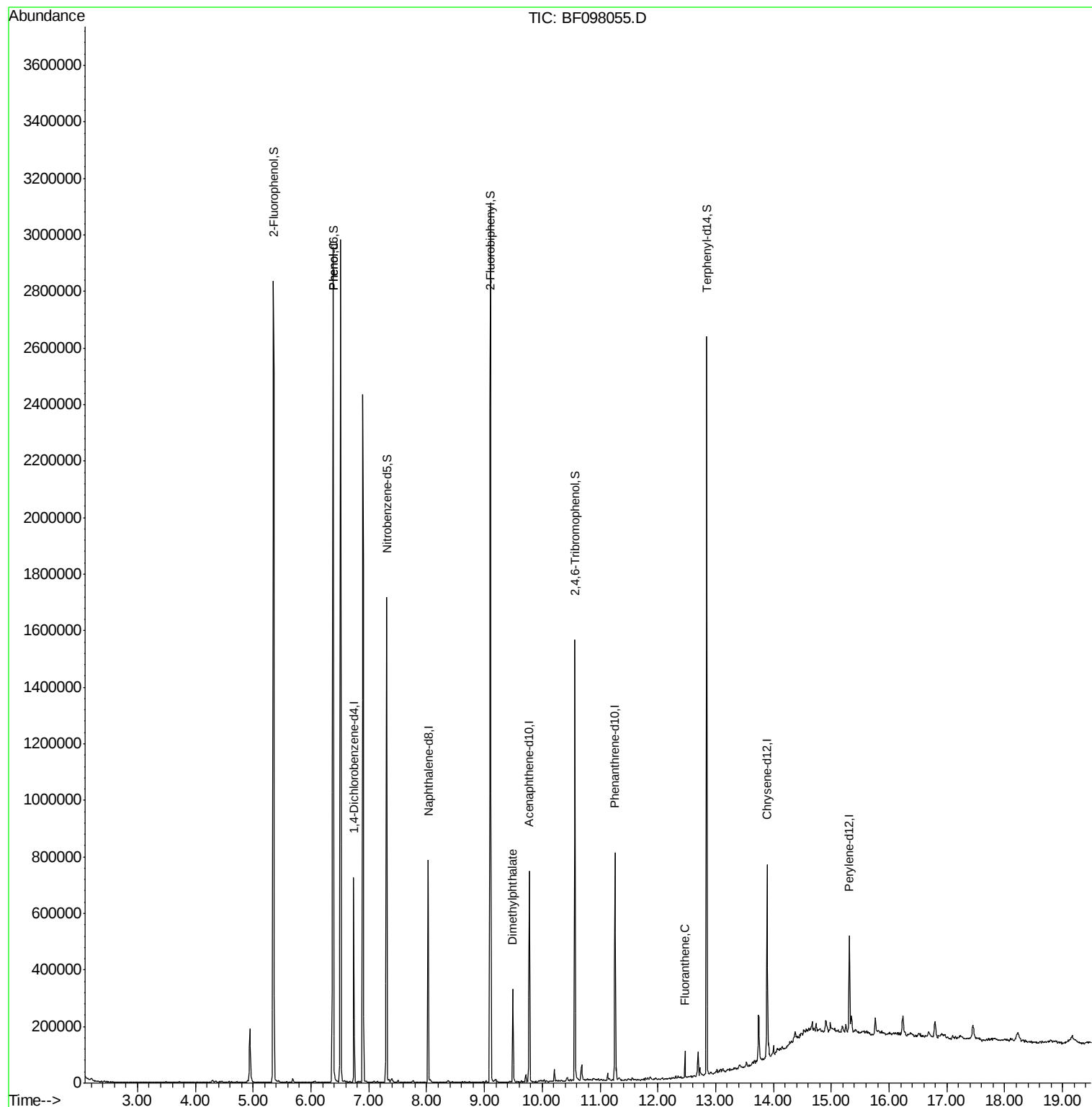
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\  
Data File : BF098055.D  
Acq On : 26 Aug 2017 2:51  
Operator : SJ/JU  
Sample : I4954-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

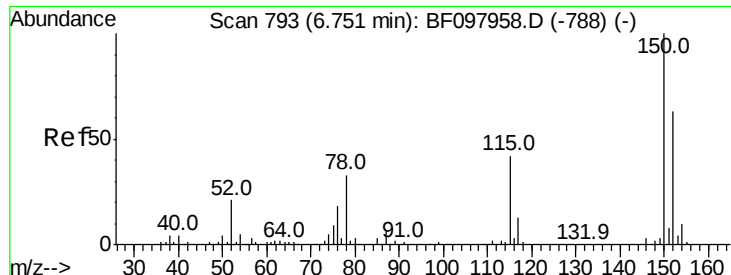
Instrument :  
BNA\_F  
ClientSampleId :  
347-COMP

Manual Integrations  
APPROVED

Sohil  
8/28/2017 3:13:41 PM

Quant Time: Aug 26 03:39:12 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 21 15:59:04 2017  
Response via : Initial Calibration





#1

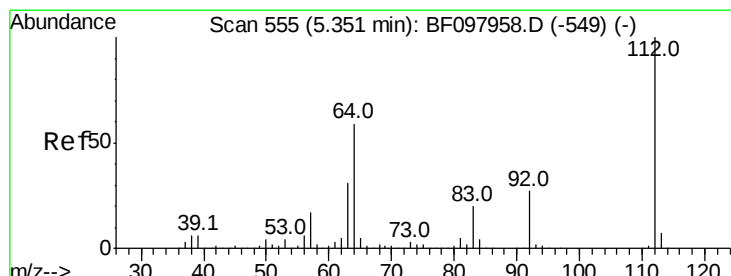
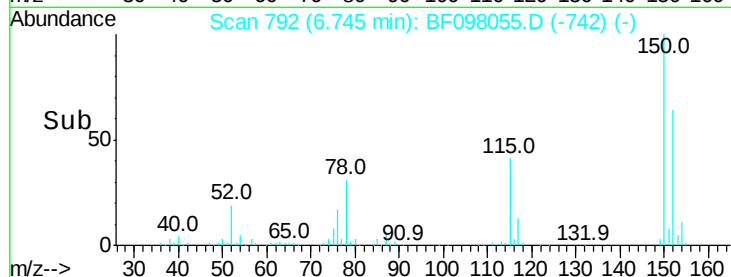
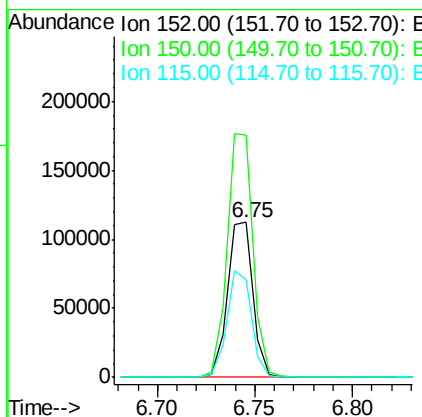
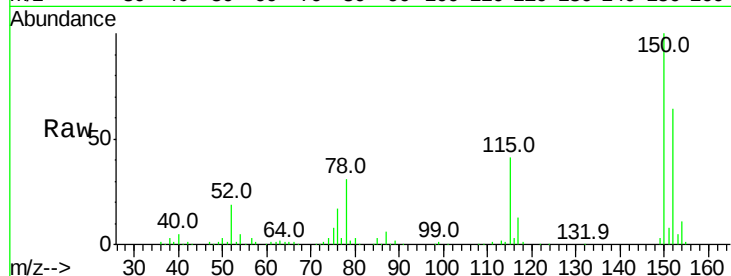
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BF098055.D  
Acq: 26 Aug 2017 2:51

Instrument :  
BNA\_F  
ClientSampleId :  
347-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.6 | 126.2 | 189.2 |
| 115     | 63.5  | 52.2  | 78.2  |

Manual Integrations  
APPROVED

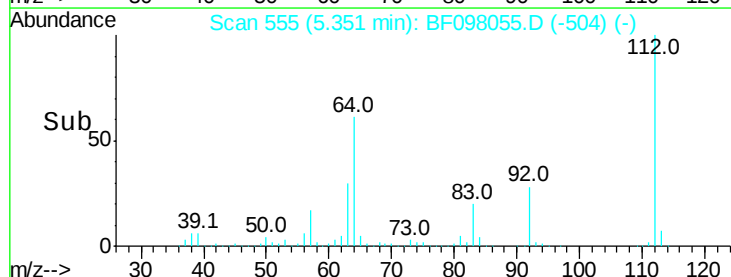
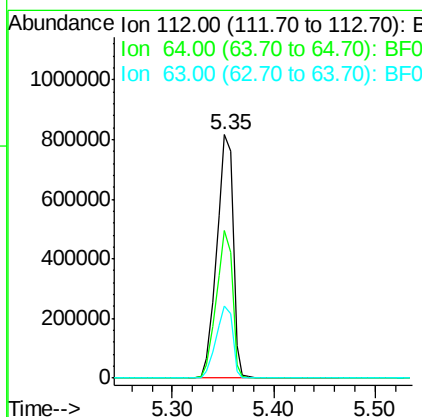
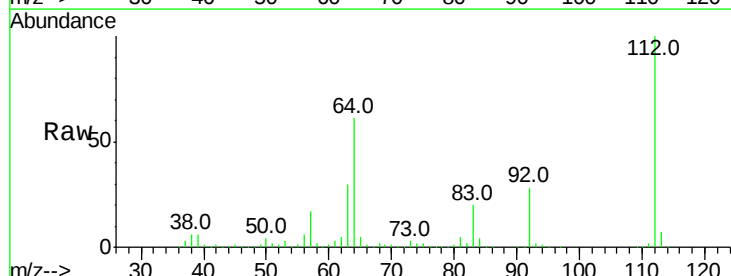
Sohil  
8/28/2017 3:13:41 PM

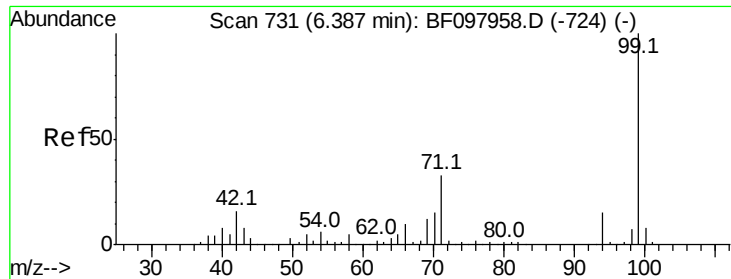


#5

2-Fluorophenol  
Concen: 136.984 ng  
RT: 5.35 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BF098055.D  
Acq: 26 Aug 2017 2:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.5  | 46.0  | 69.0  |
| 63      | 29.8  | 23.4  | 35.0  |





#7

Phenol-d6

Concen: 136.233 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF098055.D

Acq: 26 Aug 2017 2:51

Instrument :

BNA\_F

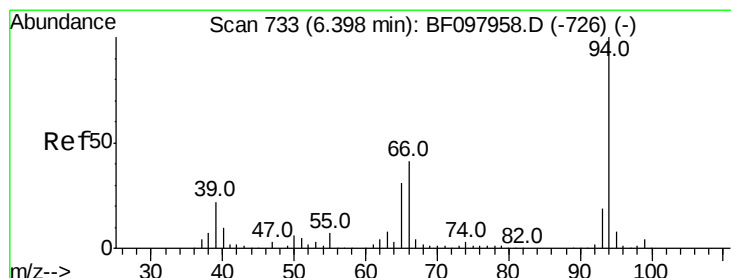
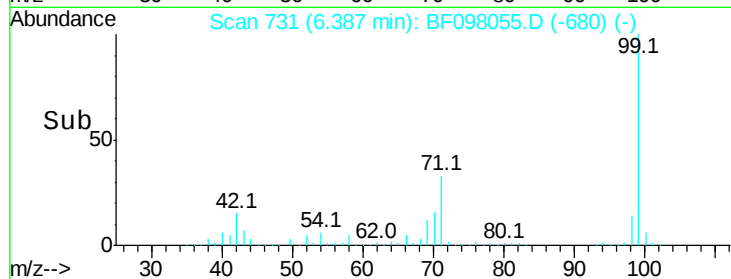
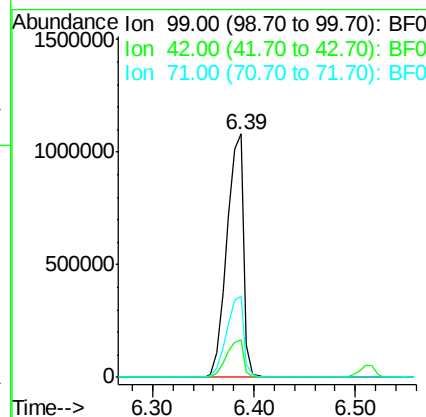
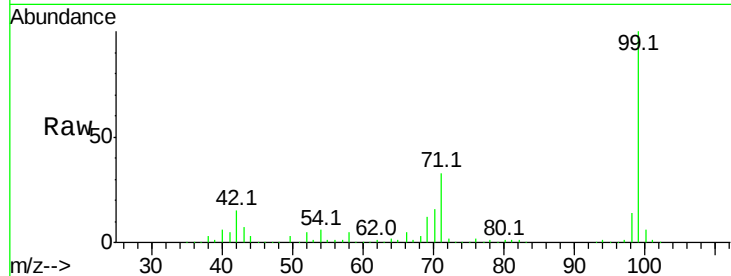
ClientSampled :

347-COMP

| Tot Ion | 99    | Resp  | 1234799 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 99      | 100   |       |         |
| 42      | 15.2  | 13.5  | 20.3    |
| 71      | 33.4  | 24.5  | 36.7    |

Manual Integrations  
APPROVED

Sohil  
8/28/2017 3:13:41 PM



#10

Phenol

Concen: 3.630 ng

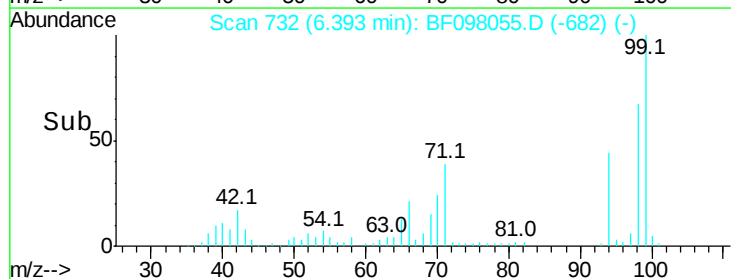
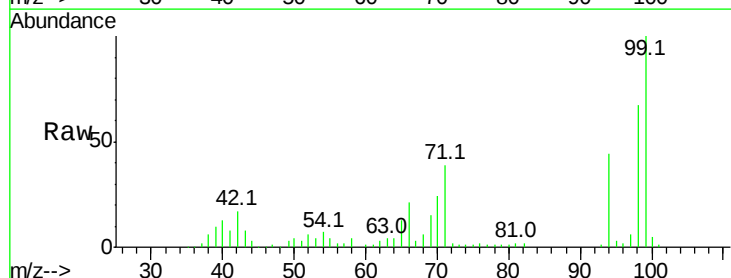
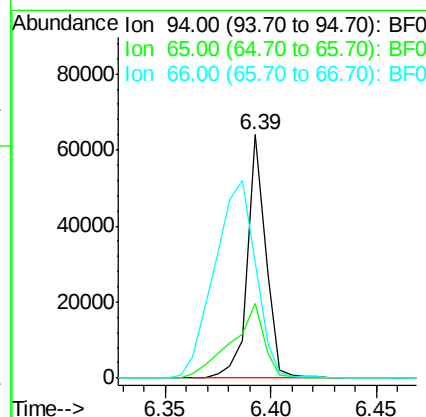
RT: 6.39 min Scan# 732

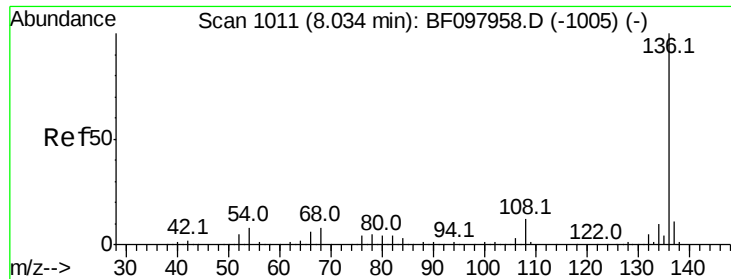
Delta R.T. -0.01 min

Lab File: BF098055.D

Acq: 26 Aug 2017 2:51

| Tgt Ion | 94    | Resp  | 38481 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 94      | 100   |       |       |
| 65      | 30.7  | 9.9   | 49.9  |
| 66      | 47.5  | 23.1  | 63.1  |





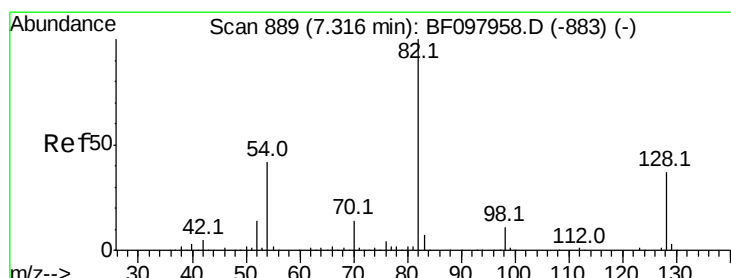
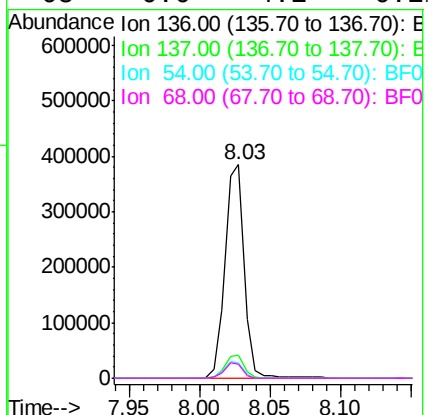
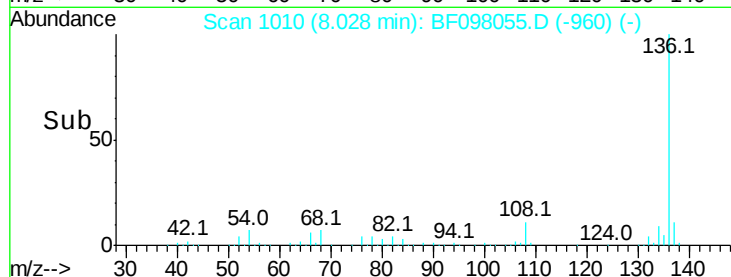
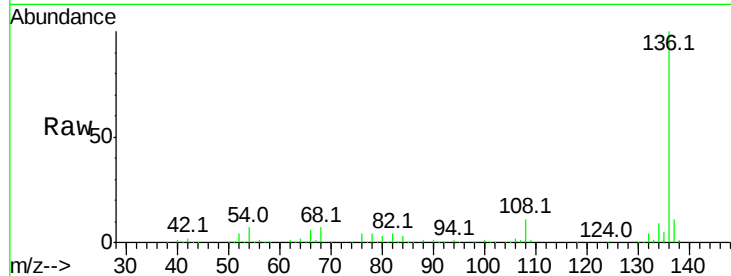
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: BF098055.D  
Acq: 26 Aug 2017 2:51

Instrument :  
BNA\_F  
ClientSampleId :  
347-COMP

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.6  | 8.5        | 12.7  |
| 54      | 6.9   | 4.9        | 7.3   |
| 68      | 6.6   | 4.1        | 6.1#  |

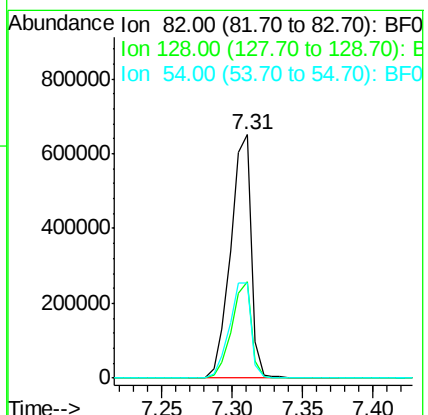
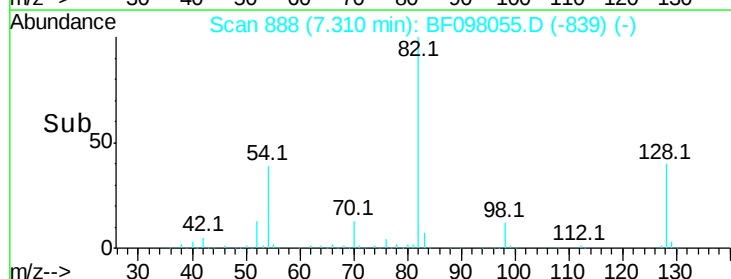
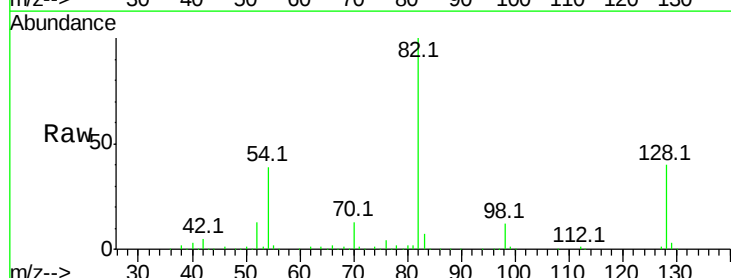
Manual Integrations  
APPROVED

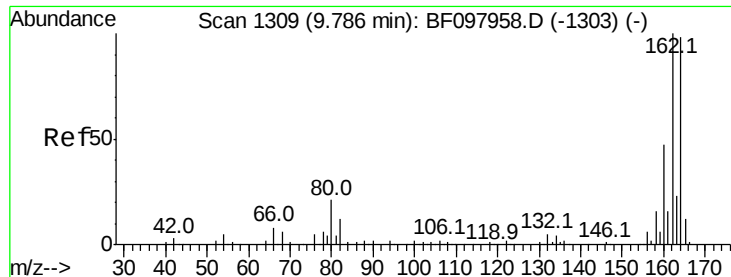
Sohil  
8/28/2017 3:13:41 PM



#23  
Nitrobenzene-d5  
Concen: 98.517 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.01 min  
Lab File: BF098055.D  
Acq: 26 Aug 2017 2:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 39.6  | 34.0       | 51.0  |
| 54      | 39.3  | 42.2       | 63.2# |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098055.D

Acq: 26 Aug 2017 2:51

Instrument :

BNA\_F

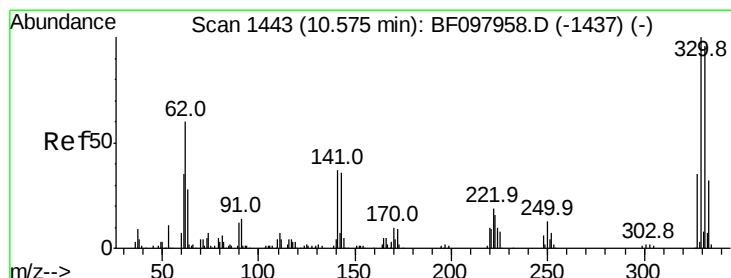
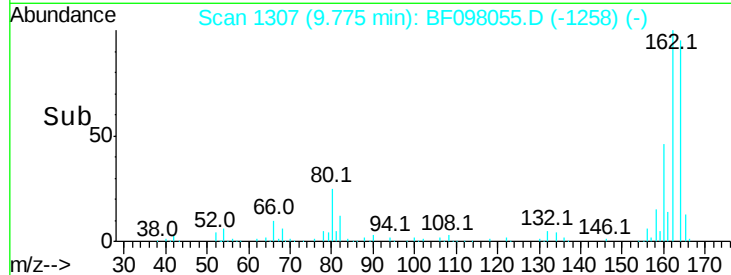
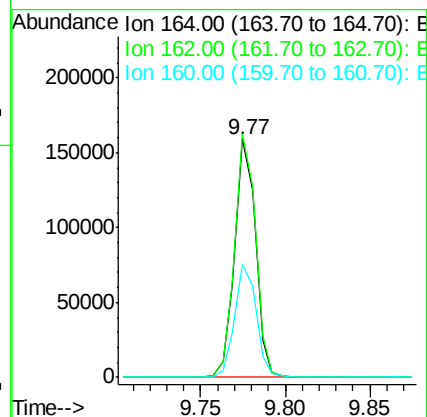
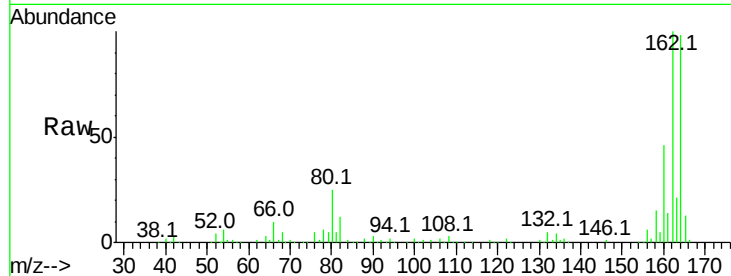
ClientSampleId :

347-COMP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 136487 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.3 | 82.6  | 123.8  |
| 160       | 47.4  | 36.2  | 54.2   |

Manual Integrations  
APPROVED

Sohil  
8/28/2017 3:13:41 PM



#41

2,4,6-Tribromophenol

Concen: 148.487 ng

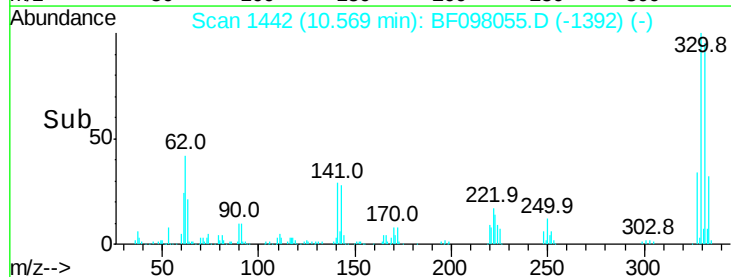
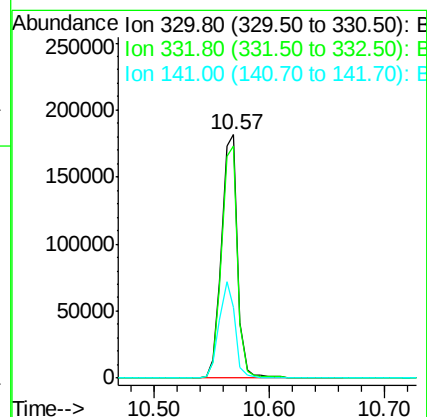
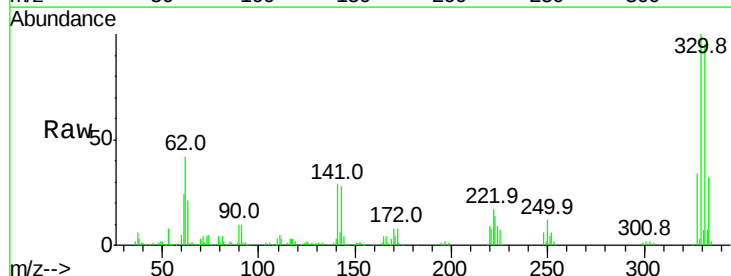
RT: 10.57 min Scan# 1442

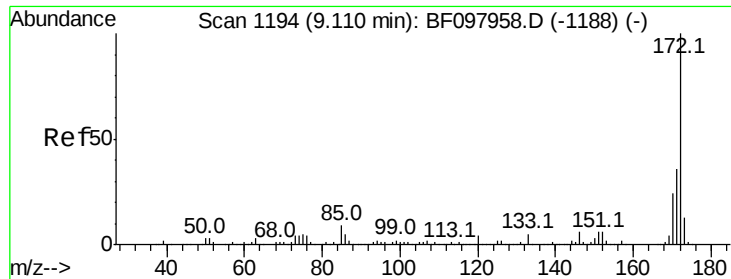
Delta R.T. -0.01 min

Lab File: BF098055.D

Acq: 26 Aug 2017 2:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 175845 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.3  | 76.6  | 115.0  |
| 141       | 39.3  | 31.4  | 47.2   |





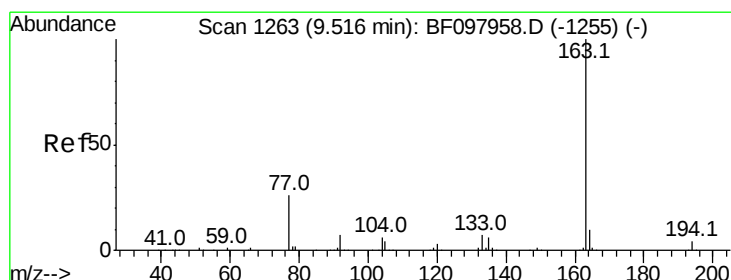
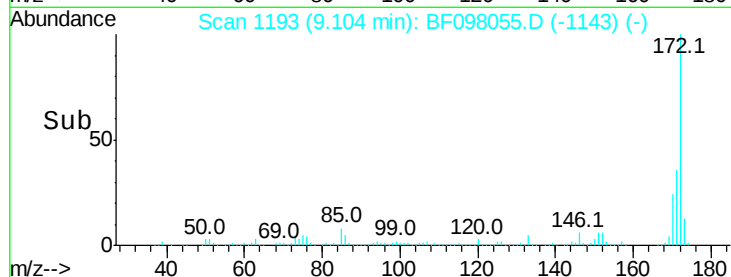
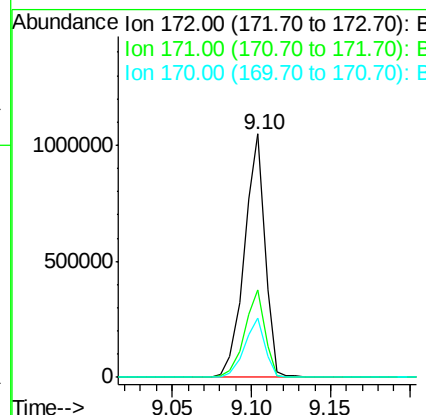
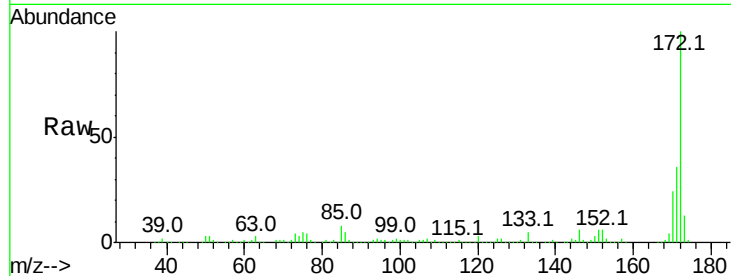
#44  
2-Fluorobiphenyl  
Concen: 101.464 ng  
RT: 9.10 min Scan# 1193  
Delta R.T. -0.01 min  
Lab File: BF098055.D  
Acq: 26 Aug 2017 2:51

Instrument :  
BNA\_F  
ClientSampleId :  
347-COMP

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 172     | 100   |            |       |
| 171     | 36.0  | 29.6       | 44.4  |
| 170     | 24.3  | 19.8       | 29.8  |

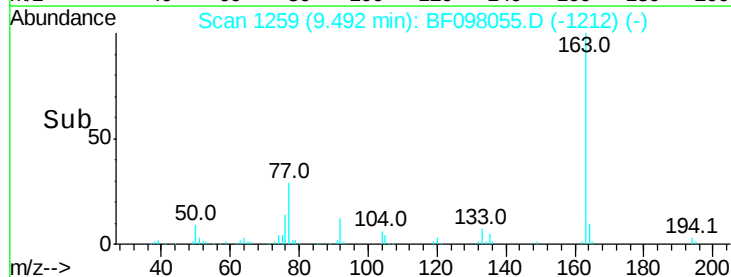
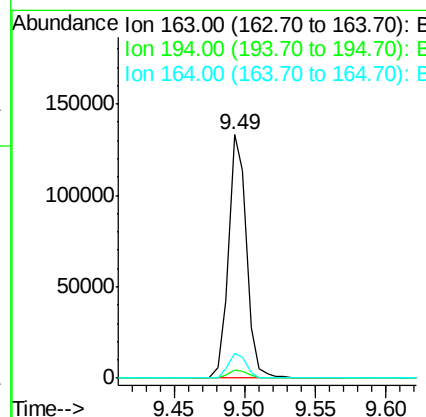
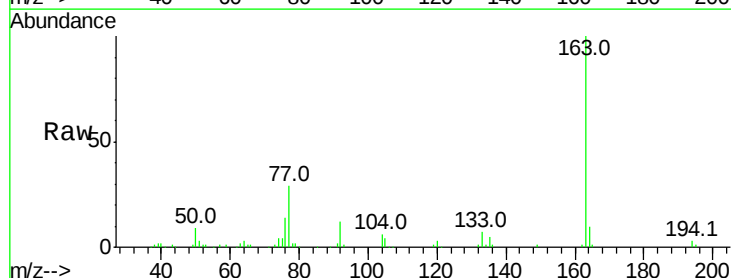
Manual Integrations  
APPROVED

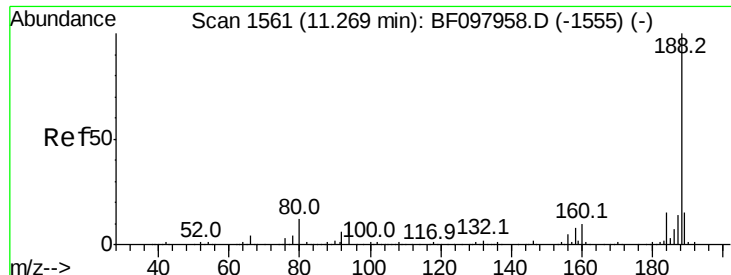
Sohil  
8/28/2017 3:13:41 PM



#49  
Dimethylphthalate  
Concen: 11.829 ng  
RT: 9.49 min Scan# 1259  
Delta R.T. -0.02 min  
Lab File: BF098055.D  
Acq: 26 Aug 2017 2:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 163     | 100   |            |       |
| 194     | 3.3   | 2.6        | 4.0   |
| 164     | 10.4  | 8.4        | 12.6  |





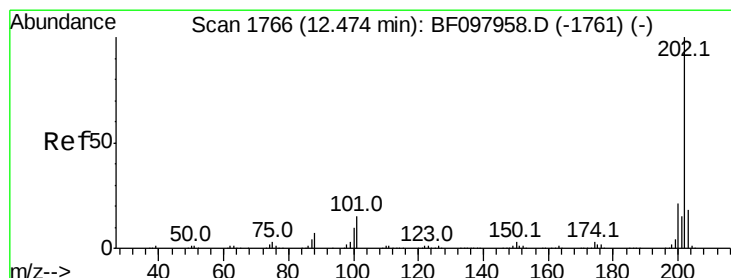
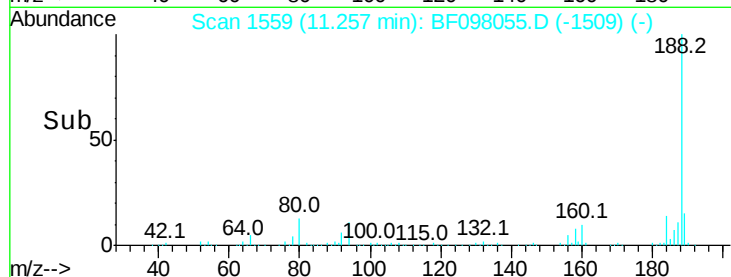
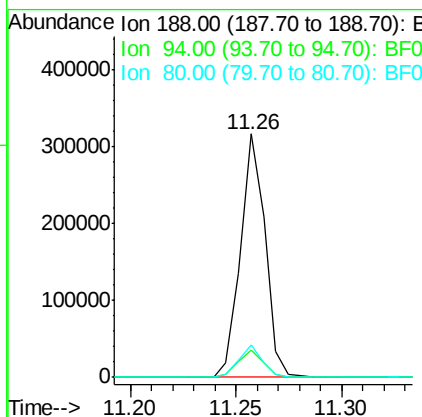
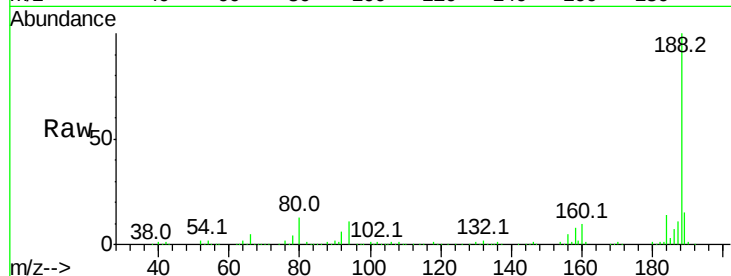
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.26 min Scan# 1559  
Delta R.T. -0.01 min  
Lab File: BF098055.D  
Acq: 26 Aug 2017 2:51

Instrument :  
BNA\_F  
ClientSampleId :  
347-COMP

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 11.2  | 9.4        | 14.2       |
| 80      | 13.2  | 10.2       | 15.2       |

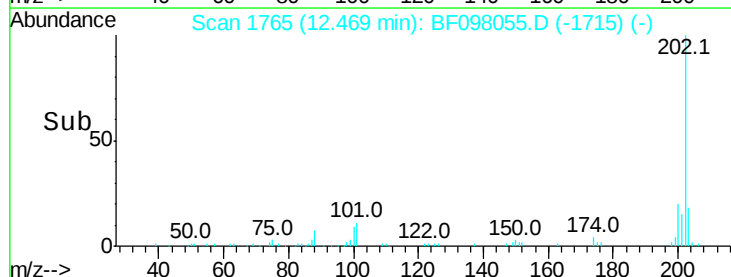
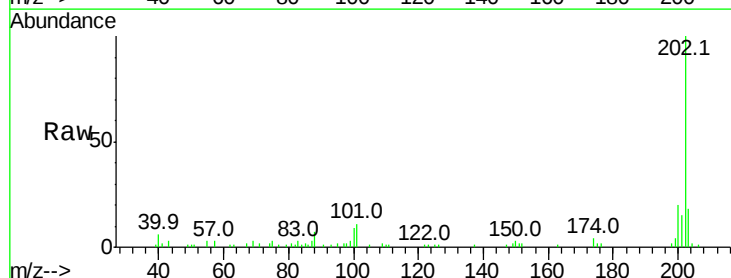
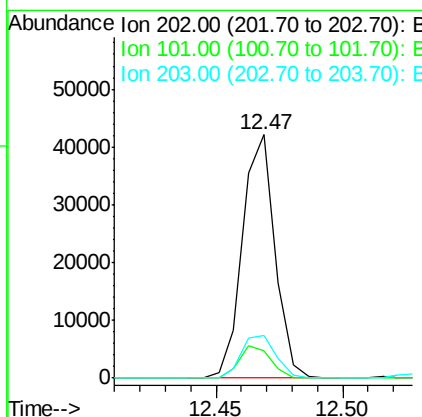
Manual Integrations  
APPROVED

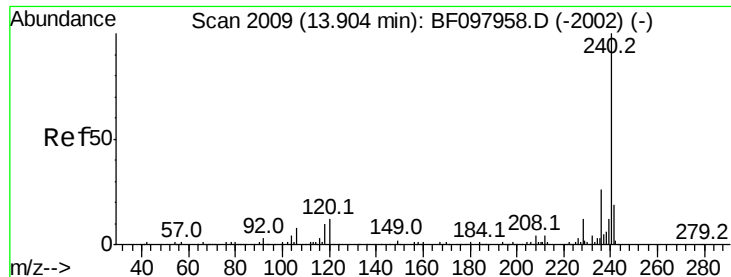
Sohil  
8/28/2017 3:13:41 PM



#74  
Fluoranthene  
Concen: 2.641 ng  
RT: 12.47 min Scan# 1765  
Delta R.T. -0.01 min  
Lab File: BF098055.D  
Acq: 26 Aug 2017 2:51

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 11.3  | 0.0        | 33.2       |
| 203     | 17.6  | 0.0        | 38.1       |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098055.D

Acq: 26 Aug 2017 2:51

Instrument :

BNA\_F

ClientSampleId :

347-COMP

Tot Ion:240 Resp: 222690

Ion Ratio Lower Upper

240 100

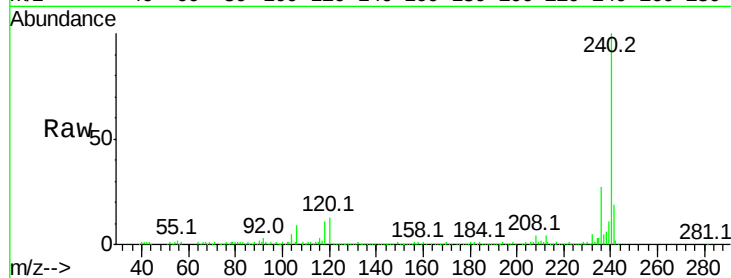
120 12.7 5.8 8.8#

236 26.6 20.5 30.7

Manual Integrations  
APPROVED

Sohil

8/28/2017 3:13:41 PM

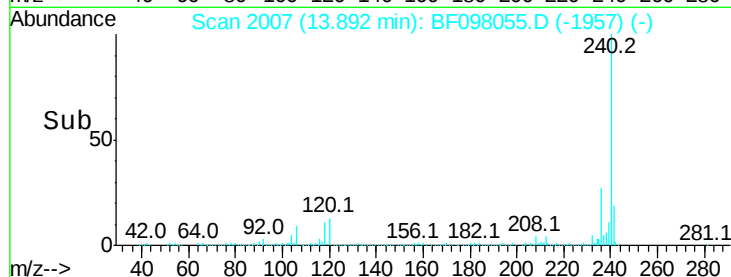


Abundance Ion 240.00 (239.70 to 240.70): E

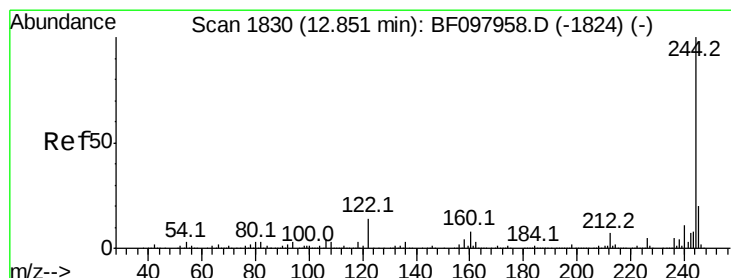
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.89



Time--> 13.80 13.90 14.00



#78

Terphenyl-d14

Concen: 77.473 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098055.D

Acq: 26 Aug 2017 2:51

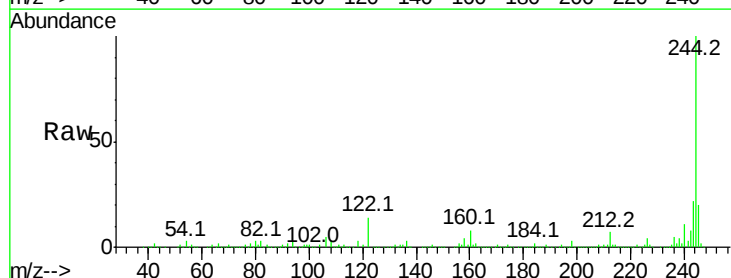
Tgt Ion:244 Resp: 827323

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 13.9 10.3 15.5

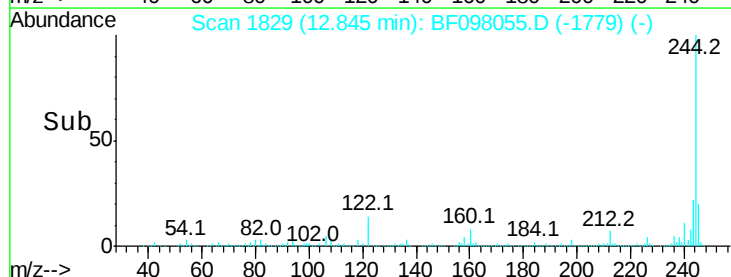


Abundance Ion 244.00 (243.70 to 244.70): E

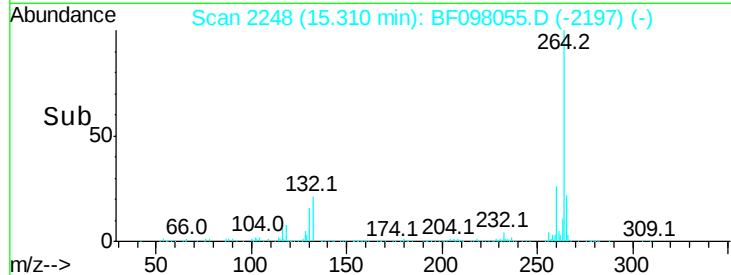
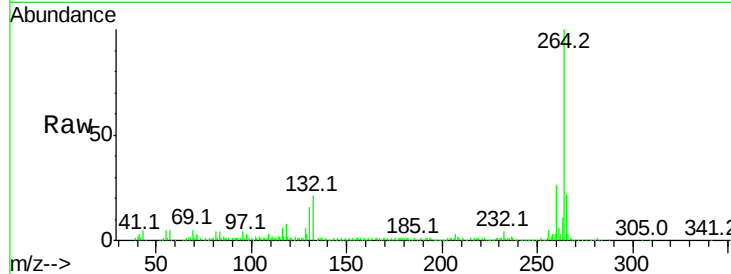
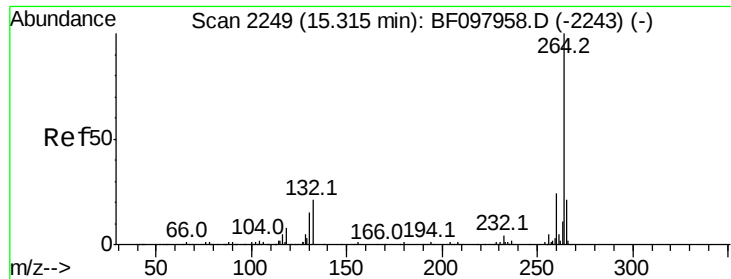
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.85



Time--> 12.80 12.90



#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.31 min Scan# 2248  
Delta R.T. 0.00 min  
Lab File: BF098055.D  
Acq: 26 Aug 2017 2:51

Instrument :  
BNA\_F  
ClientSampleId :  
347-COMP

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 26.0  | 19.5       | 29.3  |
| 265     | 22.5  | 17.2       | 25.8  |

Manual Integrations  
APPROVED

Sohil  
8/28/2017 3:13:41 PM

