

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\  
 Data File : BF106327.D  
 Acq On : 12 Jun 2018 6:49  
 Operator : JU/SJ  
 Sample : J3308-08  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-09

Quant Time: Jun 12 08:33:22 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 11 15:00:22 2018  
 Response via : Initial Calibration

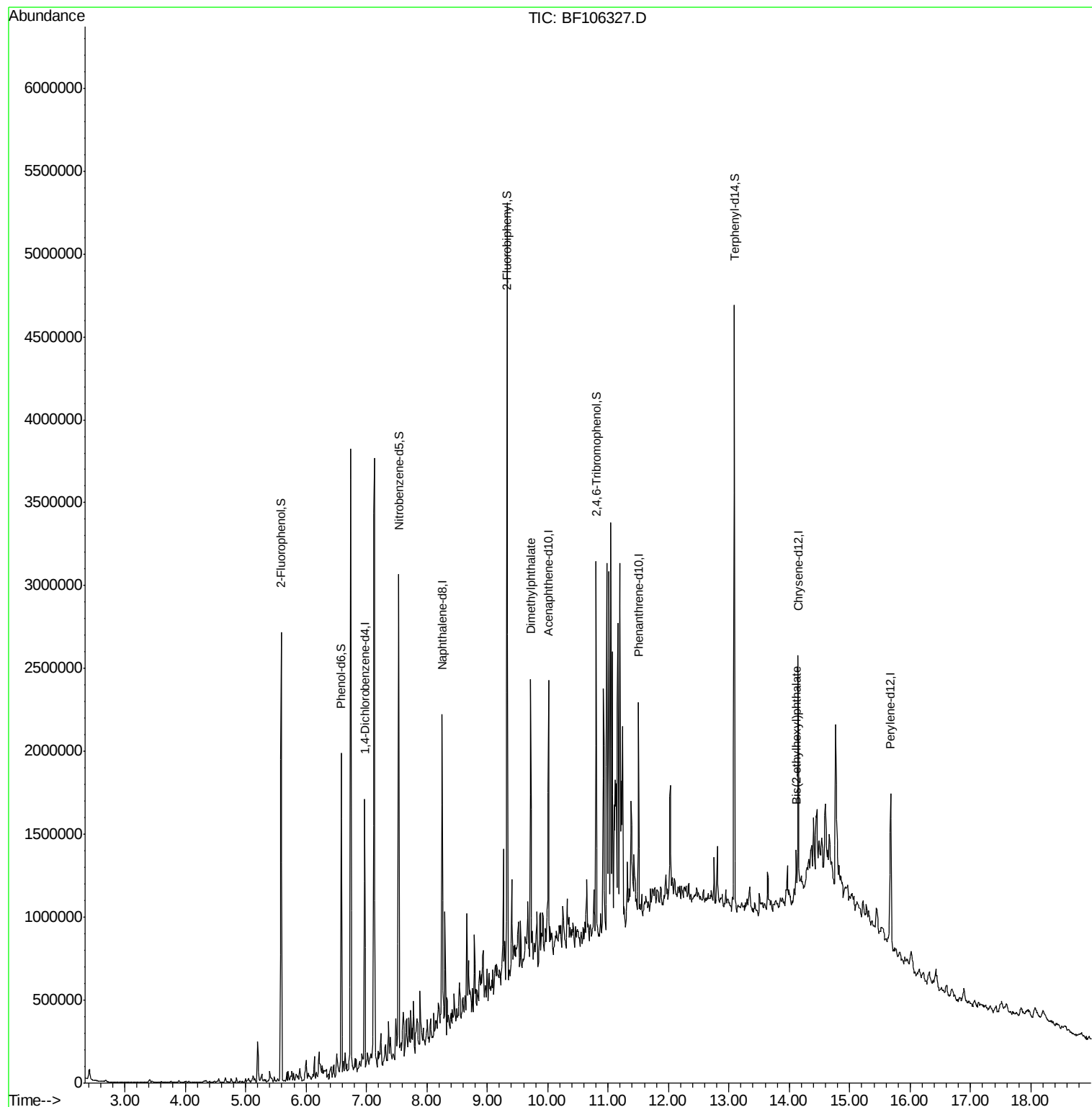
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 6.97  | 152  | 197185   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8             | 8.25  | 136  | 692863   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10           | 10.01 | 164  | 290780   | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10           | 11.51 | 188  | 465026   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12               | 14.15 | 240  | 506586   | 20.00  | ng    | -0.01       |
| 86) Perylene-d12               | 15.68 | 264  | 394864   | 20.00  | ng    | -0.02       |
| System Monitoring Compounds    |       |      |          |        |       |             |
| 5) 2-Fluorophenol              | 5.59  | 112  | 689976   | 59.22  | ng    | 0.00        |
| 7) Phenol-d6                   | 6.58  | 99   | 580968   | 39.47  | ng    | 0.00        |
| 23) Nitrobenzene-d5            | 7.54  | 82   | 1007976  | 85.58  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol       | 10.81 | 330  | 366613   | 131.04 | ng    | 0.00        |
| 44) 2-Fluorobiphenyl           | 9.33  | 172  | 1552919  | 100.23 | ng    | 0.00        |
| 78) Terphenyl-d14              | 13.09 | 244  | 1393771  | 68.34  | ng    | 0.00        |
| Target Compounds               |       |      |          |        |       |             |
| 49) Dimethylphthalate          | 9.72  | 163  | 132021   | 6.355  | ng    | Qvalue # 94 |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149  | 76547    | 4.497  | ng    | 96          |

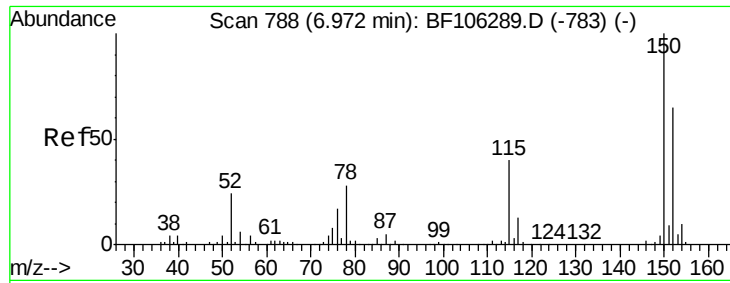
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\  
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ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_F  
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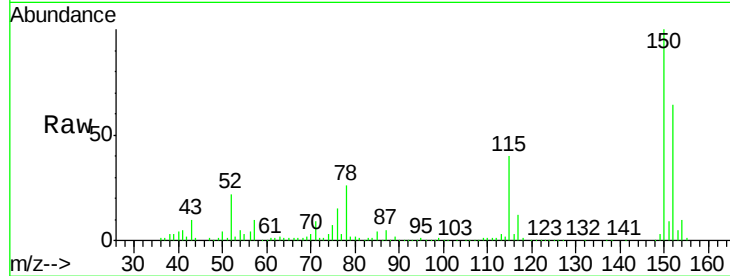


#1

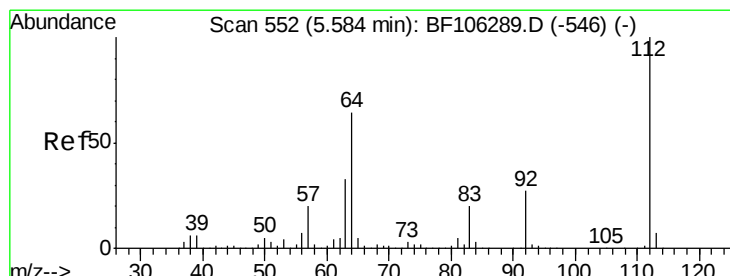
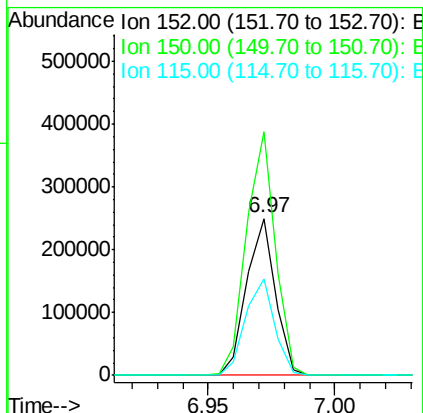
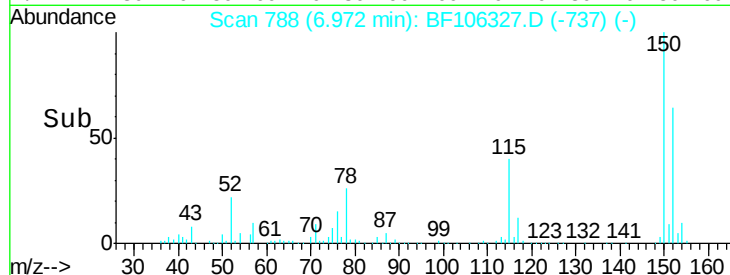
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: BF106327.D  
Acq: 12 Jun 2018 6:49

Instrument :  
BNA\_F  
ClientSampleId :  
MW-09

Tot Ion:152 Resp: 197185  
Ion Ratio Lower Upper  
152 100  
150 155.2 124.6 186.8  
115 61.7 50.1 75.1



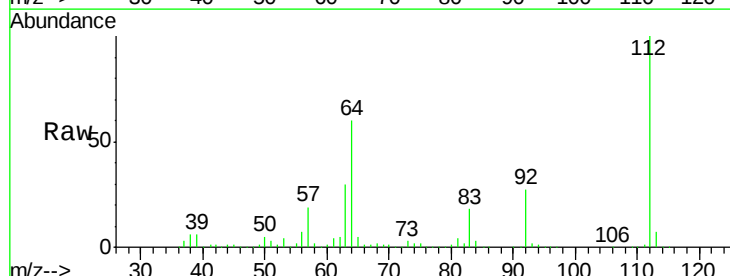
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



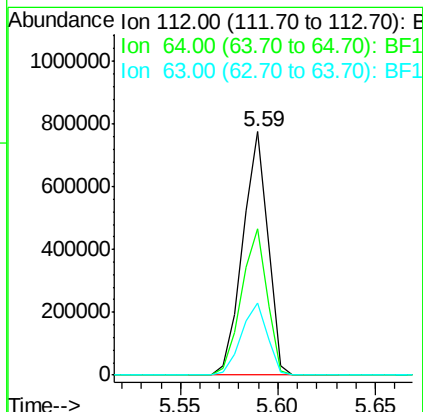
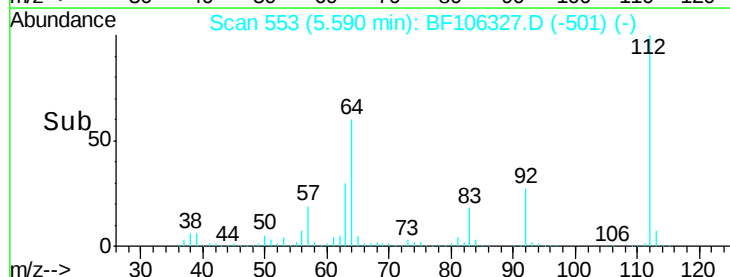
#5

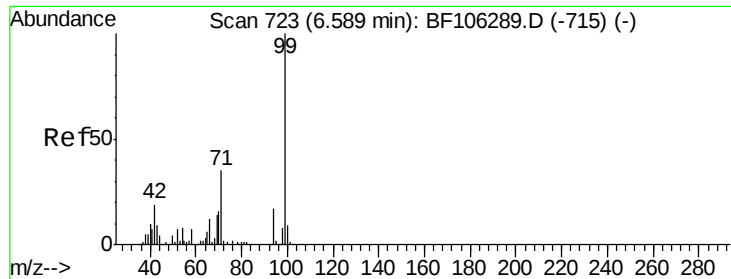
2-Fluorophenol  
Concen: 59.223 ng  
RT: 5.59 min Scan# 553  
Delta R.T. 0.01 min  
Lab File: BF106327.D  
Acq: 12 Jun 2018 6:49

Tgt Ion:112 Resp: 689976  
Ion Ratio Lower Upper  
112 100  
64 60.3 47.9 71.9  
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 39.470 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

Instrument :

BNA\_F

ClientSampled :

MW-09

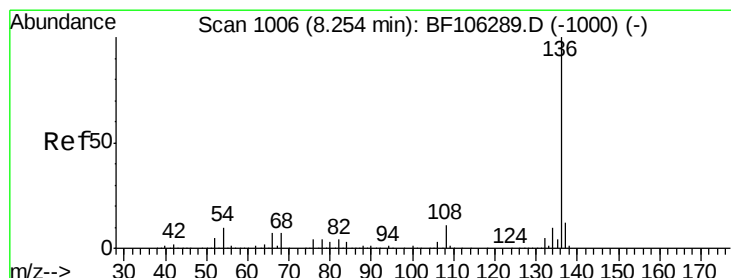
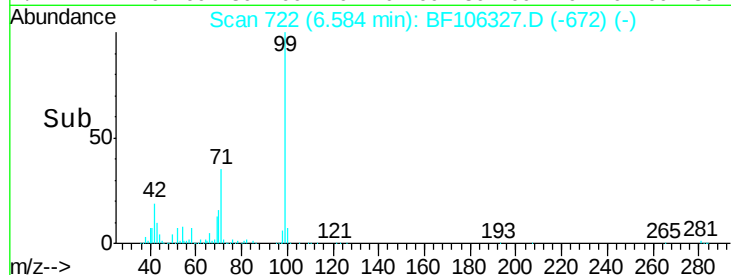
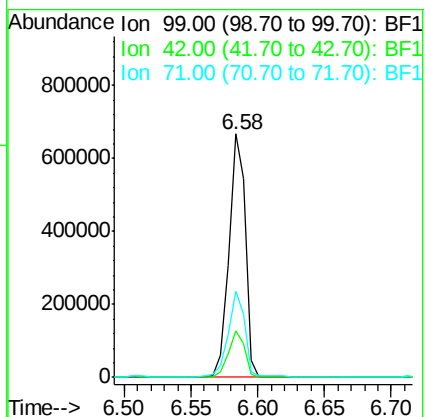
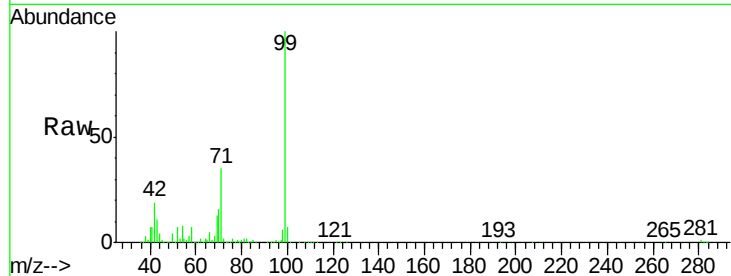
Tot Ion: 99 Resp: 580968

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 35.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

Tgt Ion: 136 Resp: 692863

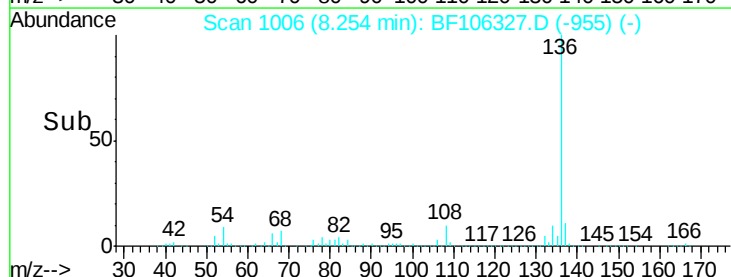
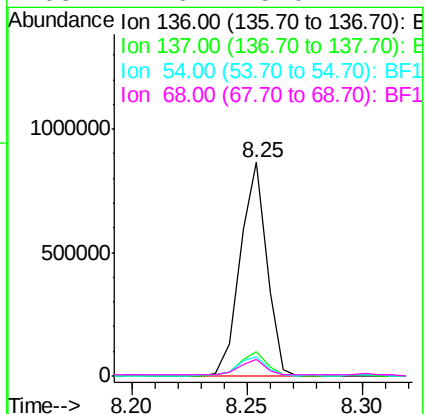
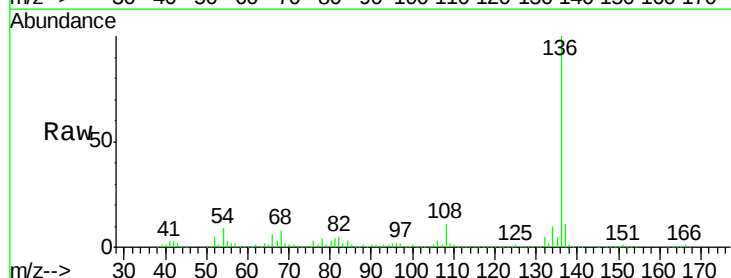
Ion Ratio Lower Upper

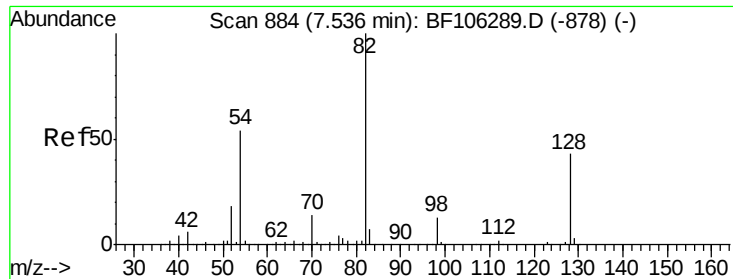
136 100

137 11.2 8.9 13.3

54 9.1 6.6 9.8

68 7.6 5.0 7.4#



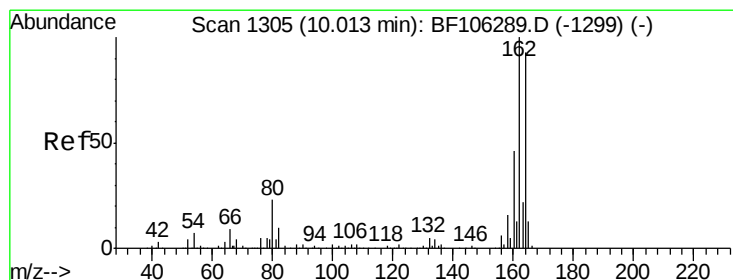
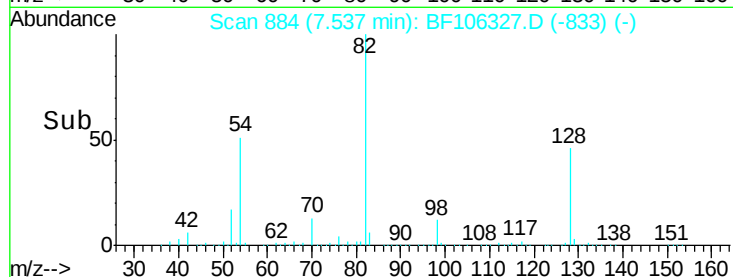
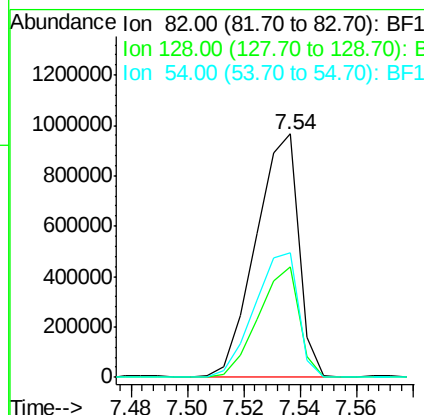
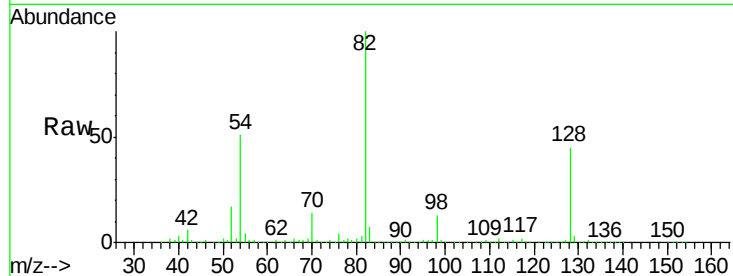


#23  
 Nitrobenzene-d5  
 Concen: 85.584 ng  
 RT: 7.54 min Scan# 884  
 Delta R.T. 0.00 min  
 Lab File: BF106327.D  
 Acq: 12 Jun 2018 6:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-09

Tot Ion: 82 Resp: 1007976  

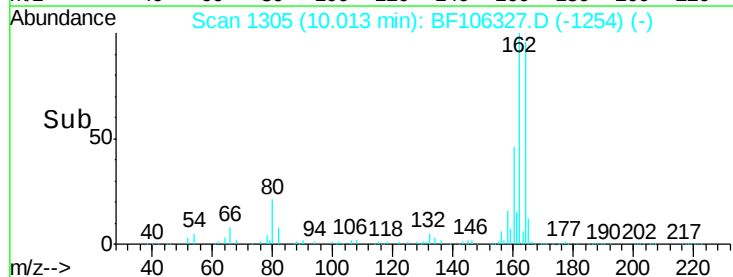
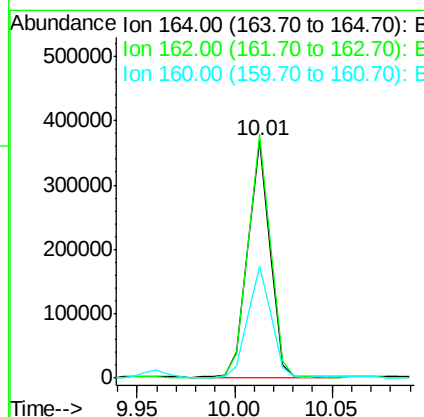
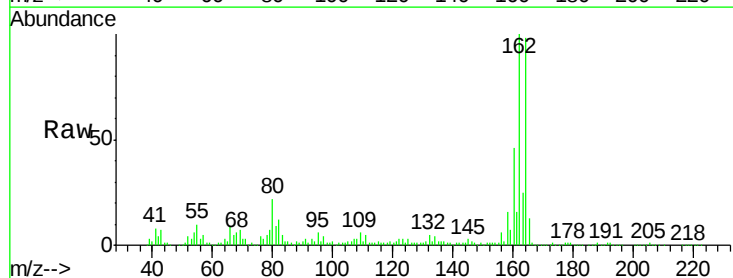
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.4  | 36.1  | 54.1  |
| 54  | 51.1  | 41.4  | 62.2  |

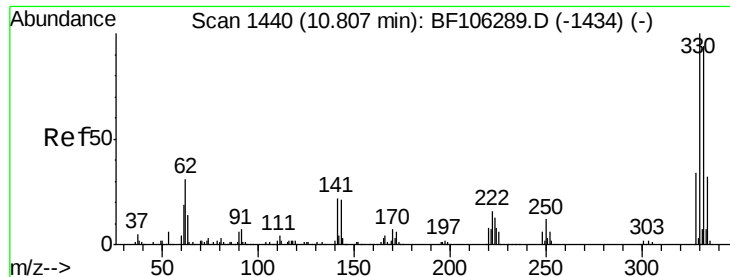


#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.01 min Scan# 1305  
 Delta R.T. 0.00 min  
 Lab File: BF106327.D  
 Acq: 12 Jun 2018 6:49

Tgt Ion: 164 Resp: 290780  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.5 | 86.1  | 129.1 |
| 160 | 46.9  | 38.3  | 57.5  |

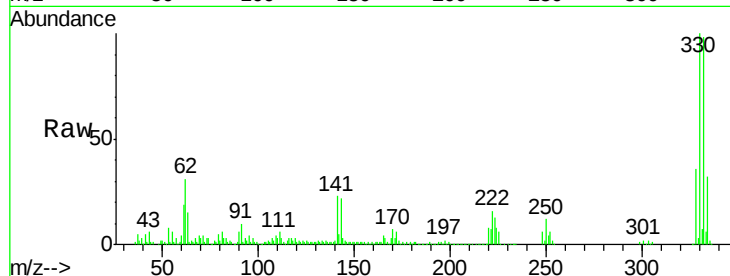




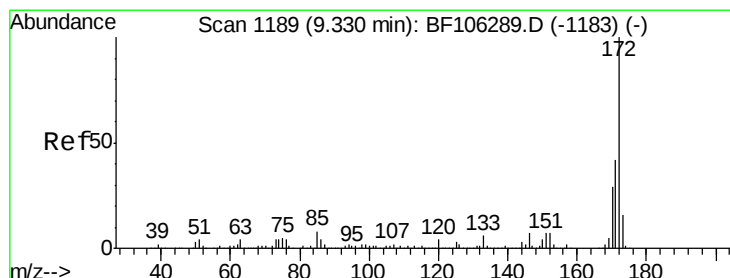
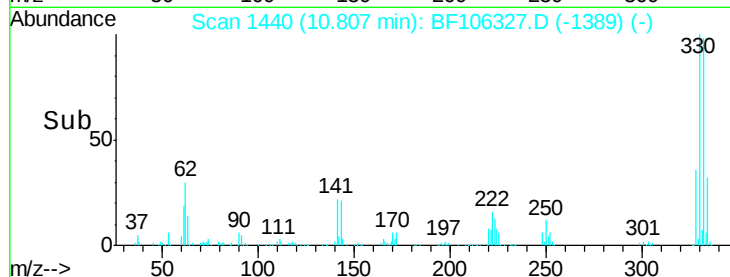
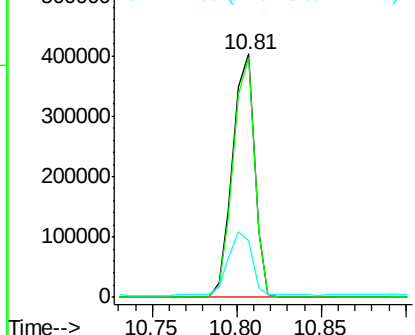
#41  
 2,4,6-Tribromophenol  
 Concen: 131.036 ng  
 RT: 10.81 min Scan# 1440  
 Delta R.T. 0.00 min  
 Lab File: BF106327.D  
 Acq: 12 Jun 2018 6:49

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-09

Tot Ion:330 Resp: 366613  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 77.0 115.6  
 141 27.8 29.9 44.9#

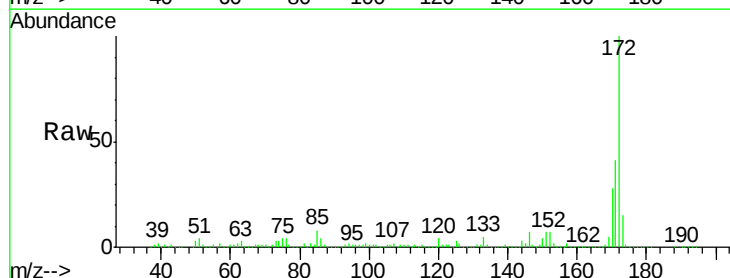


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

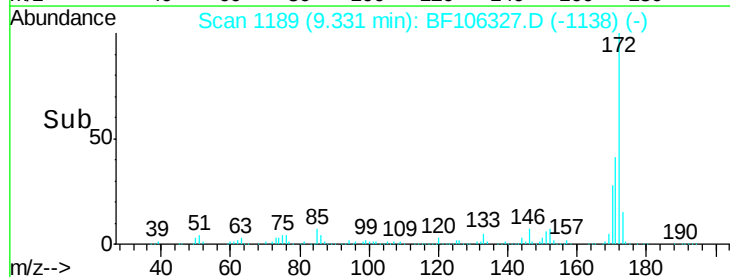
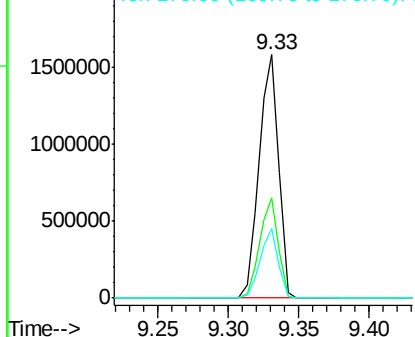


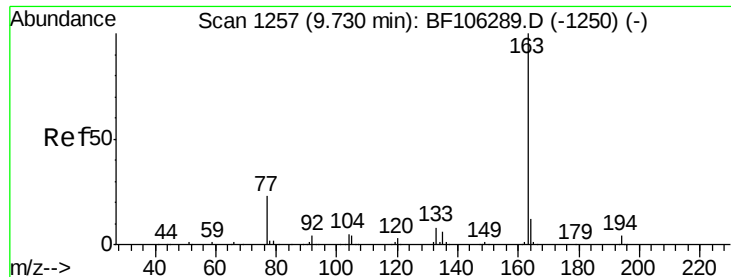
#44  
 2-Fluorobiphenyl  
 Concen: 100.232 ng  
 RT: 9.33 min Scan# 1189  
 Delta R.T. 0.00 min  
 Lab File: BF106327.D  
 Acq: 12 Jun 2018 6:49

Tgt Ion:172 Resp: 1552919  
 Ion Ratio Lower Upper  
 172 100  
 171 41.4 29.7 44.5  
 170 28.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

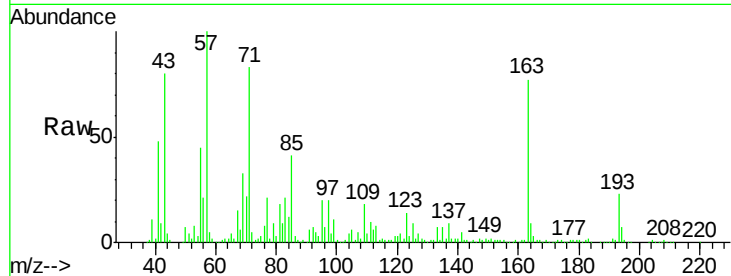




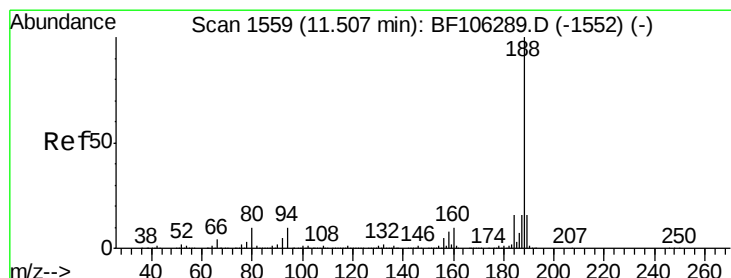
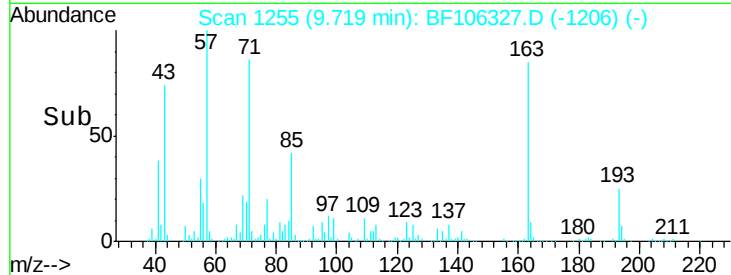
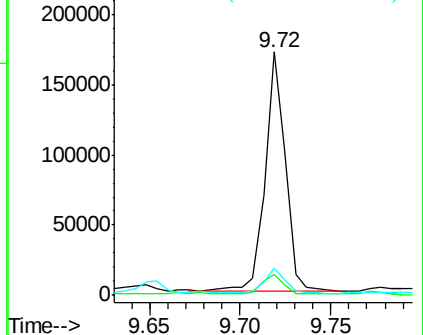
#49  
Dimethylphthalate  
Concen: 6.355 ng  
RT: 9.72 min Scan# 1255  
Delta R.T. -0.01 min  
Lab File: BF106327.D  
Acq: 12 Jun 2018 6:49

Instrument :  
BNA\_F  
ClientSampleId :  
MW-09

Tot Ion:163 Resp: 132021  
Ion Ratio Lower Upper  
163 100  
194 8.6 2.7 4.1#  
164 11.5 8.2 12.2

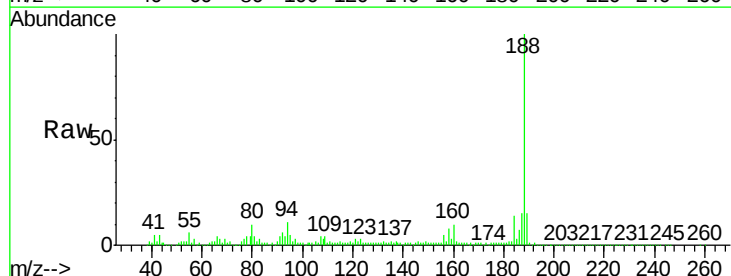


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

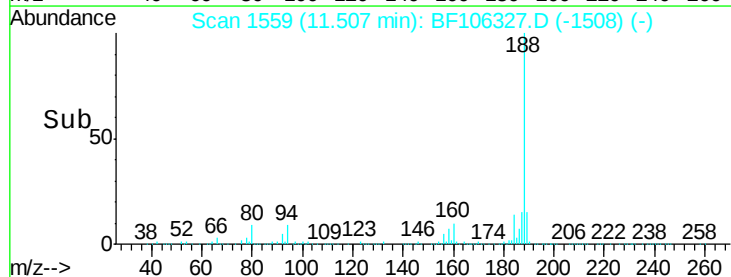
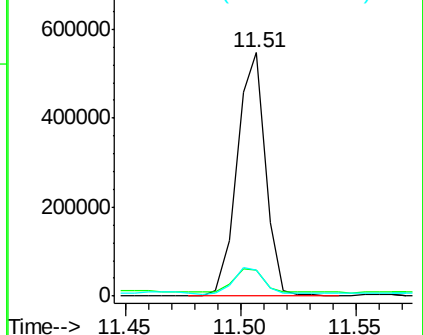


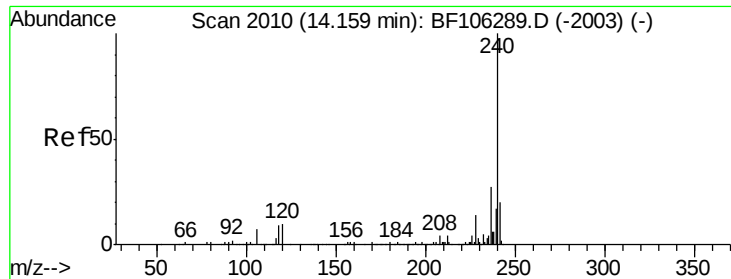
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.51 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: BF106327.D  
Acq: 12 Jun 2018 6:49

Tgt Ion:188 Resp: 465026  
Ion Ratio Lower Upper  
188 100  
94 10.9 8.5 12.7  
80 10.5 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

Instrument :

BNA\_F

ClientSampleId :

MW-09

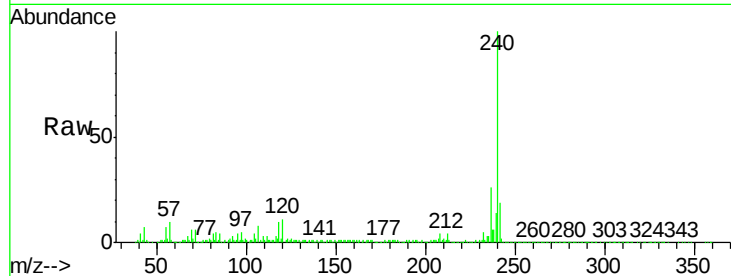
Tot Ion:240 Resp: 506586

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

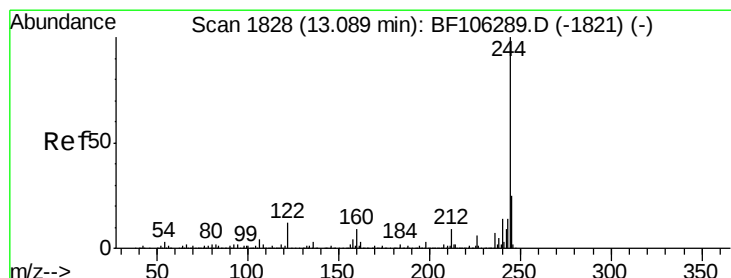
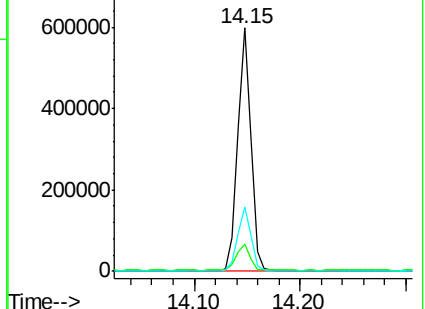
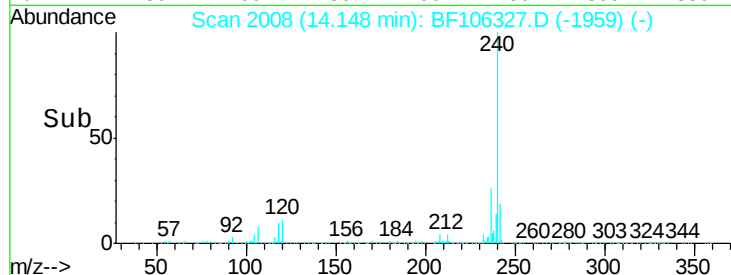
236 26.4 20.7 31.1



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



#78

Terphenyl-d14

Concen: 68.336 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106327.D

Acq: 12 Jun 2018 6:49

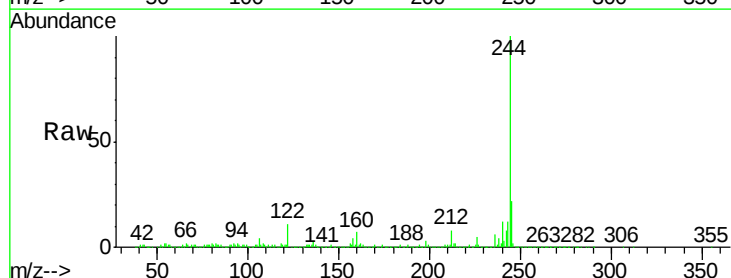
Tgt Ion:244 Resp: 1393771

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

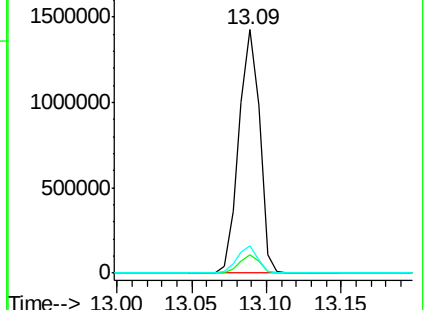
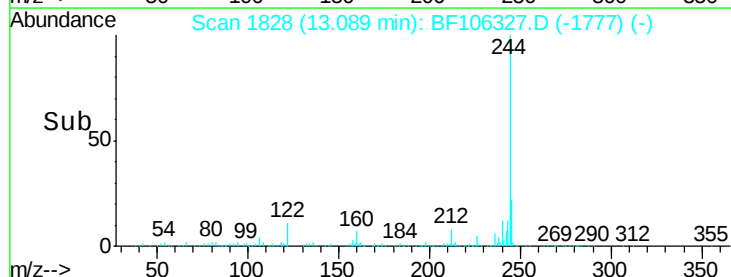
122 11.3 11.0 16.4

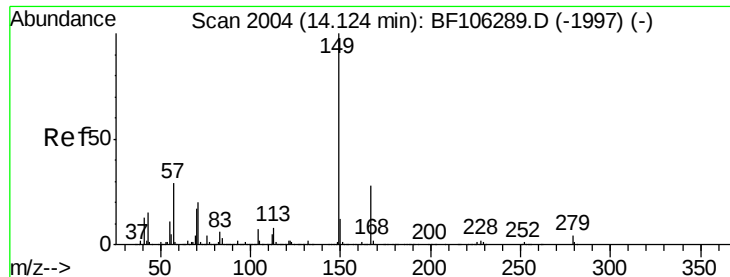


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

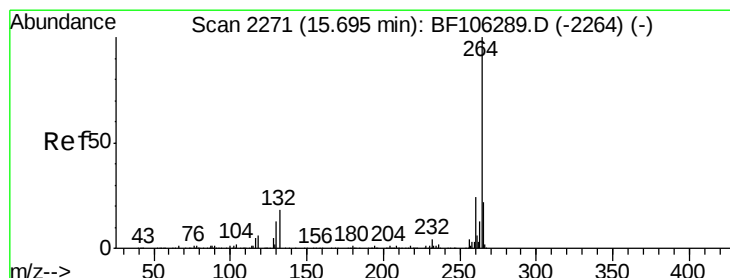
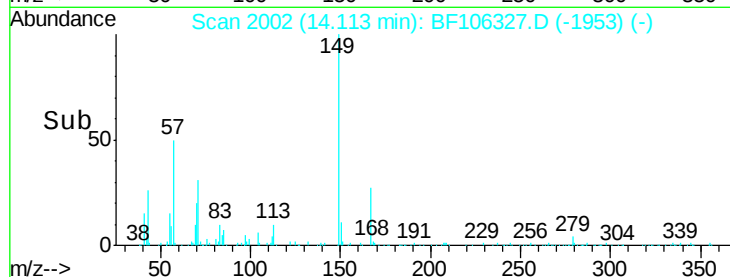
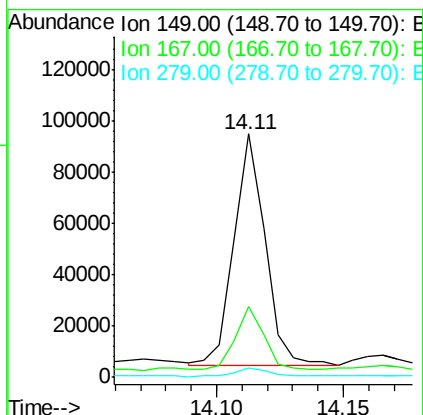
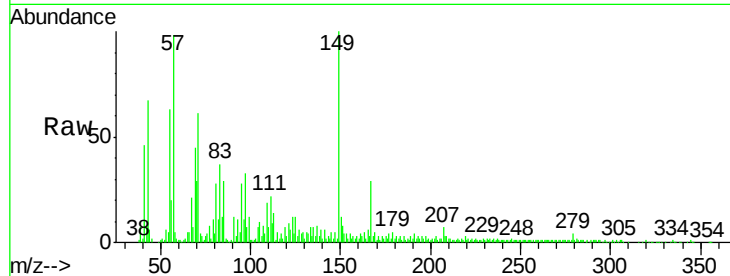




#83  
Bis(2-ethylhexyl)phthalate  
Concen: 4.497 ng  
RT: 14.11 min Scan# 2002  
Delta R.T. -0.01 min  
Lab File: BF106327.D  
Acq: 12 Jun 2018 6:49

Instrument :  
BNA\_F  
ClientSampleId :  
MW-09

Tot Ion:149 Resp: 76547  
Ion Ratio Lower Upper  
149 100  
167 29.1 21.3 31.9  
279 3.8 3.0 4.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.68 min Scan# 2268  
Delta R.T. -0.02 min  
Lab File: BF106327.D  
Acq: 12 Jun 2018 6:49

Tgt Ion:264 Resp: 394864  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.2 28.8  
265 22.0 17.5 26.3

