

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\  
 Data File : BF089757.D  
 Acq On : 17 Aug 2016 11:45  
 Operator : UM/SJ  
 Sample : H4429-04  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOCATION-29A-9-11

Quant Time: Aug 17 12:34:14 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 19:45:04 2016  
 Response via : Initial Calibration

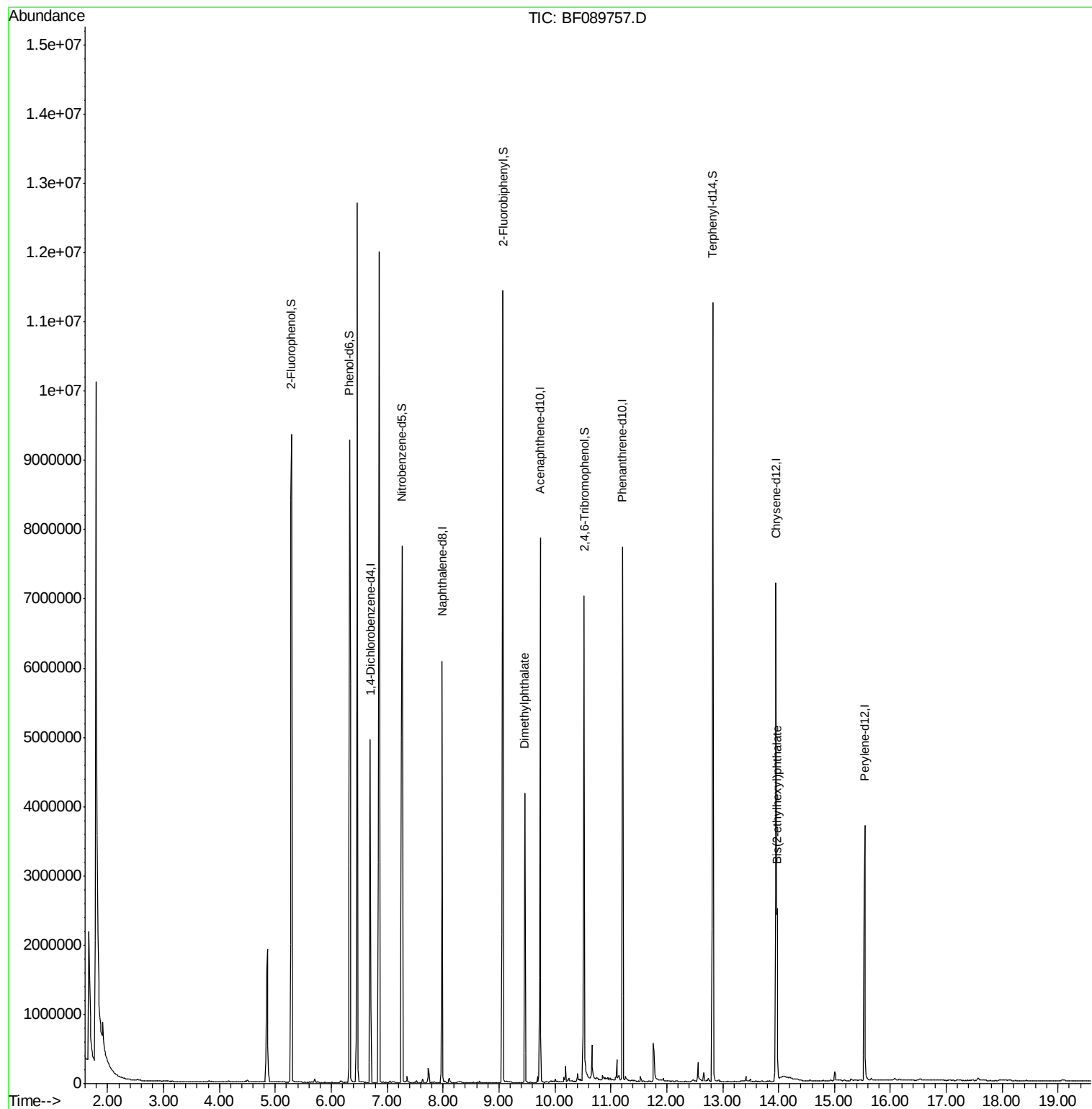
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.70  | 152  | 741327   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 7.99  | 136  | 3123866  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.74  | 164  | 1480788  | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.21 | 188  | 2560524  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12               | 13.95 | 240  | 2292451  | 20.00 | ng    | 0.06     |
| 86) Perylene-d12               | 15.54 | 264  | 1828059  | 20.00 | ng    | 0.14     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.29  | 112  | 4209018  | 94.73 | ng    | 0.01     |
| 7) Phenol-d6                   | 6.33  | 99   | 4955196  | 87.68 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.27  | 82   | 3276161  | 64.04 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.52 | 330  | 1339165  | 93.48 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.07  | 172  | 5635881  | 61.07 | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.82 | 244  | 4852880  | 63.24 | ng    | 0.01     |
| Target Compounds               |       |      |          |       |       |          |
| 49) Dimethylphthalate          | 9.46  | 163  | 1535554  | 14.33 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 1626634  | 16.33 | ng    | # 96     |

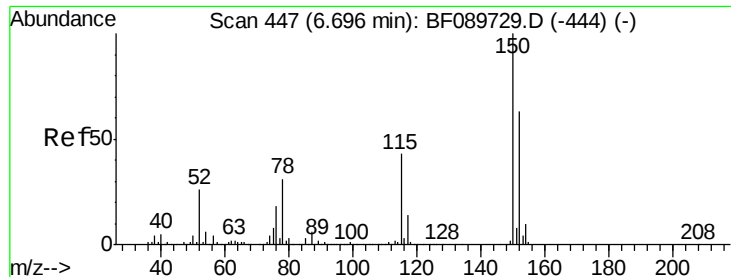
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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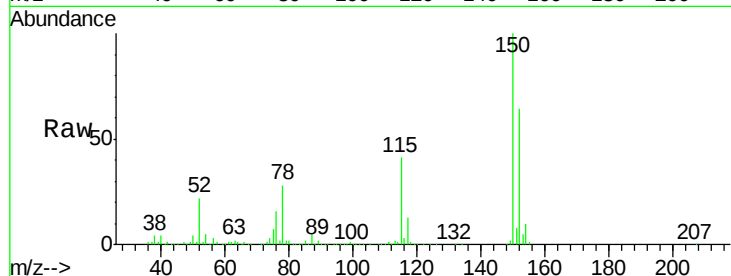


#1

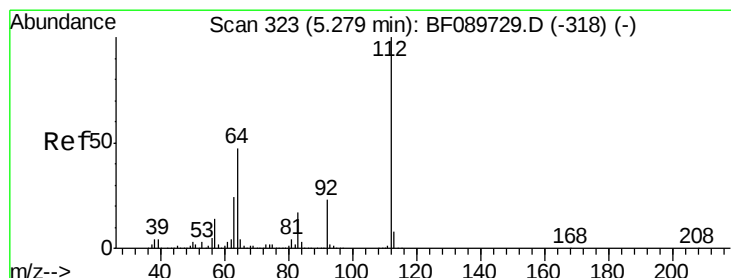
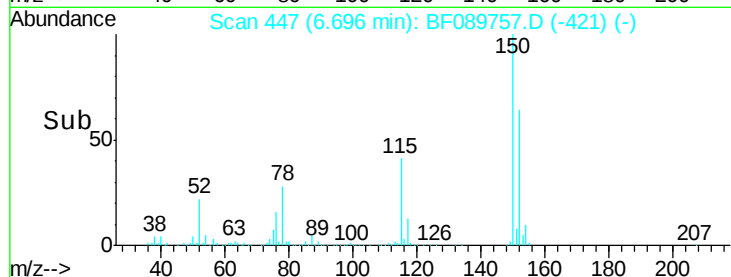
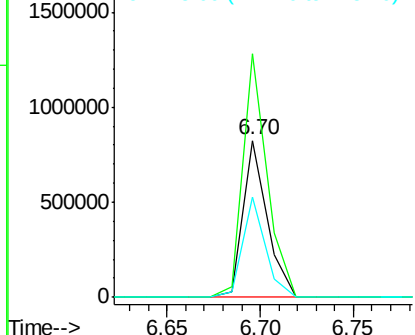
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.70 min Scan# 447  
Delta R.T. 0.00 min  
Lab File: BF089757.D  
Acq: 17 Aug 2016 11:45

Instrument :  
BNA\_F  
ClientSampleId :  
LOCATION-29A-9-11

Tot Ion:152 Resp: 741327  
Ion Ratio Lower Upper  
152 100  
150 155.5 125.3 187.9  
115 63.9 40.9 61.3#



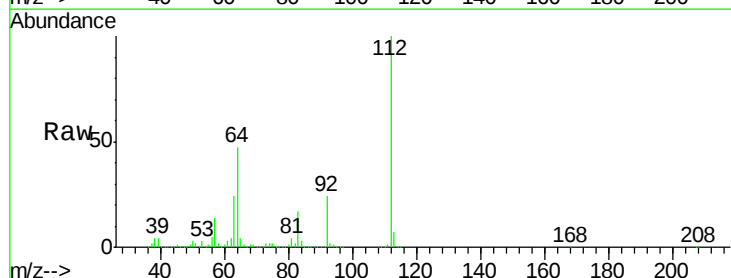
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



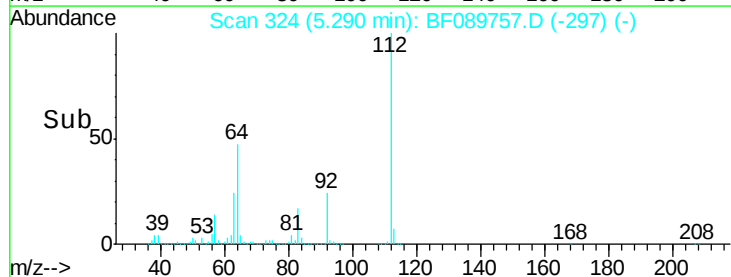
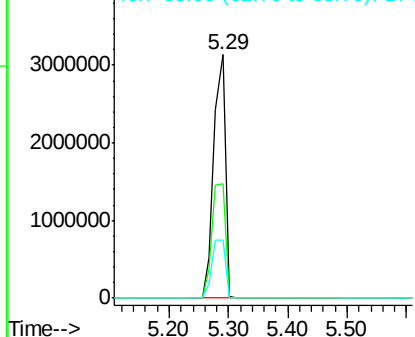
#5

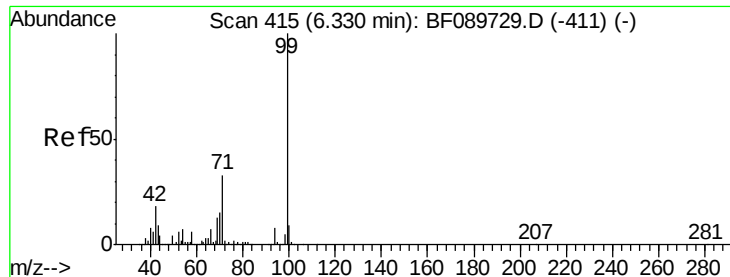
2-Fluorophenol  
Concen: 94.73 ng  
RT: 5.29 min Scan# 324  
Delta R.T. 0.01 min  
Lab File: BF089757.D  
Acq: 17 Aug 2016 11:45

Tgt Ion:112 Resp: 4209018  
Ion Ratio Lower Upper  
112 100  
64 47.1 45.0 67.4  
63 24.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.68 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089757.D

Acq: 17 Aug 2016 11:45

Instrument :

BNA\_F

ClientSampleId :

LOCATION-29A-9-11

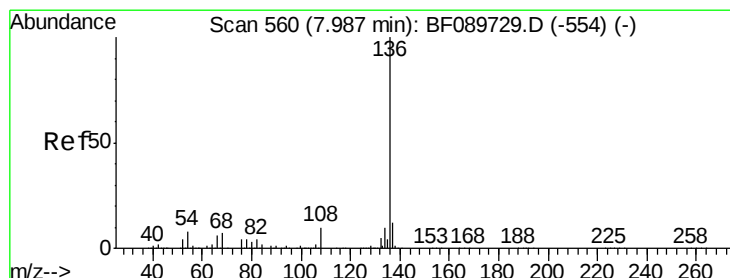
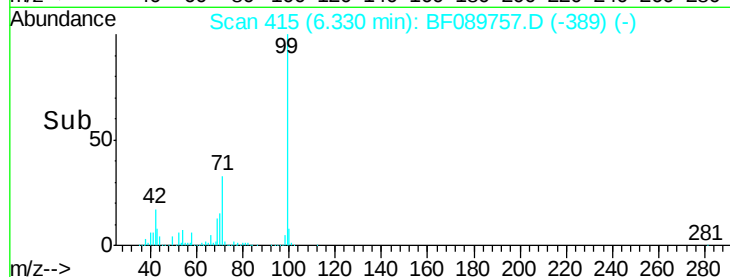
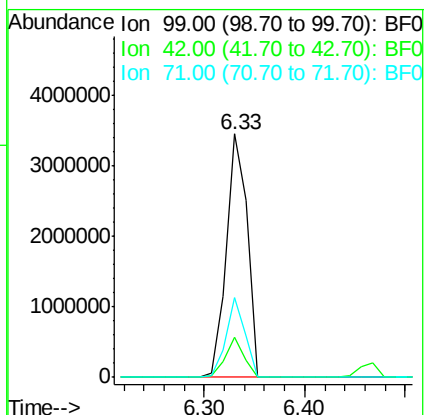
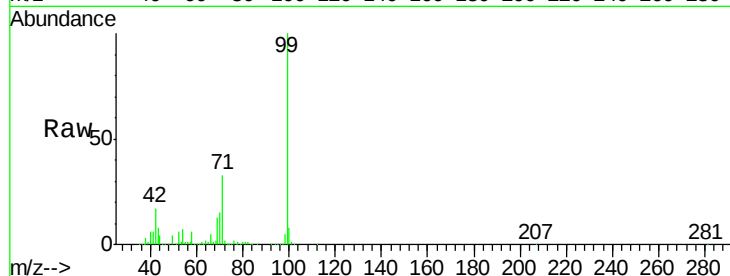
Tot Ion: 99 Resp: 4955196

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.4

71 32.6 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089757.D

Acq: 17 Aug 2016 11:45

Tgt Ion: 136 Resp: 3123866

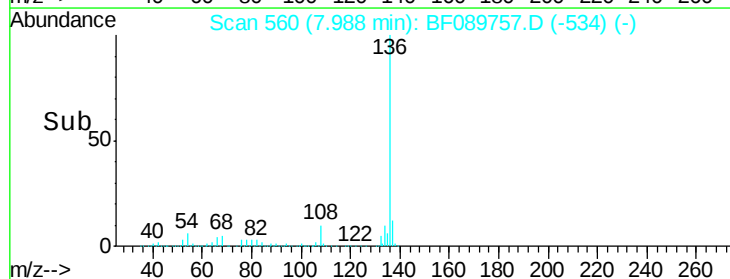
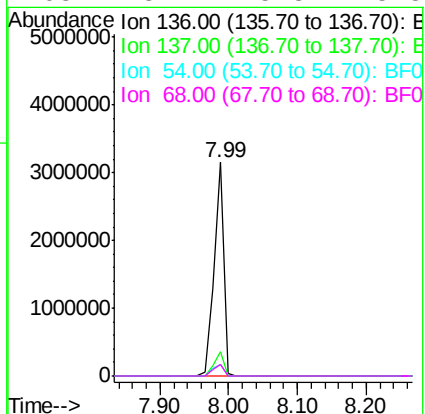
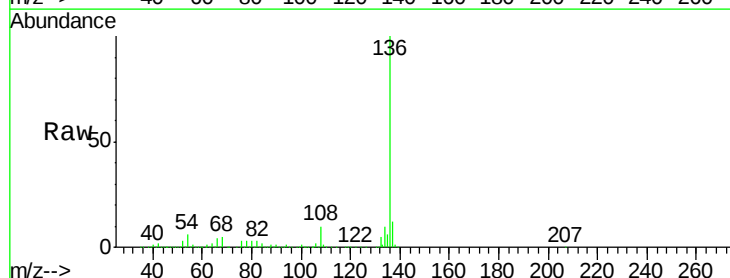
Ion Ratio Lower Upper

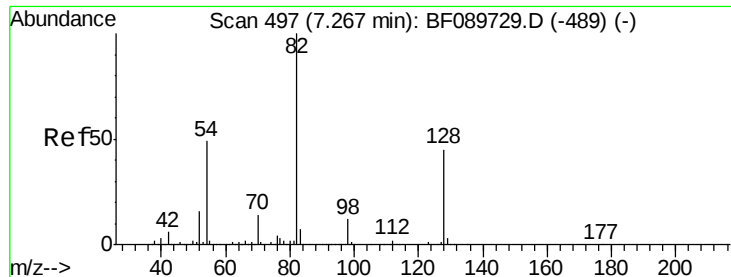
136 100

137 11.7 9.2 13.8

54 5.7 7.2 10.8#

68 5.4 5.8 8.8#

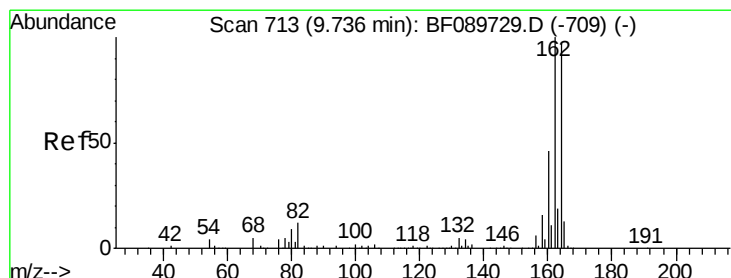
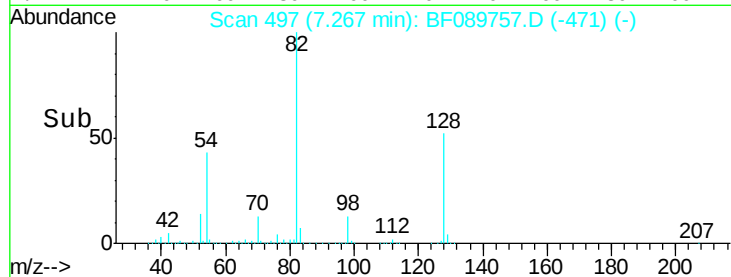
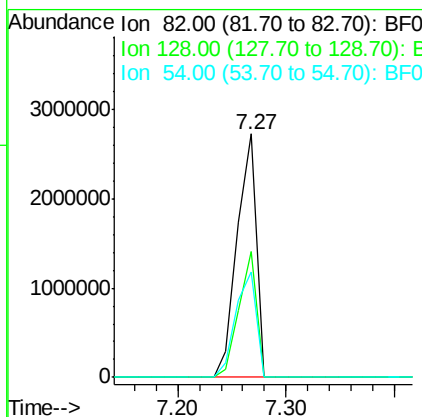
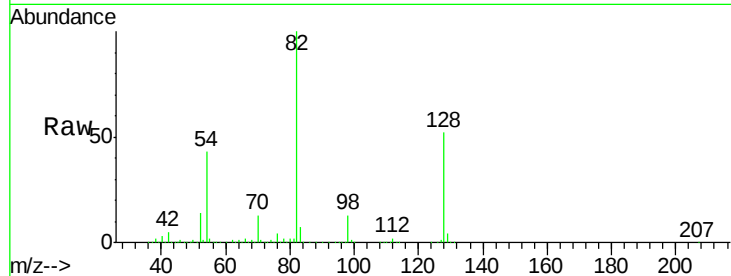




#23  
 Nitrobenzene-d5  
 Concen: 64.04 ng  
 RT: 7.27 min Scan# 497  
 Delta R.T. 0.00 min  
 Lab File: BF089757.D  
 Acq: 17 Aug 2016 11:45

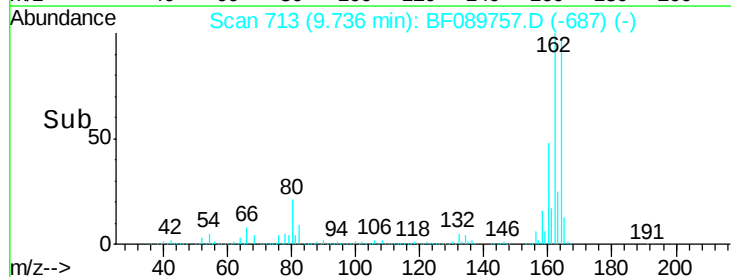
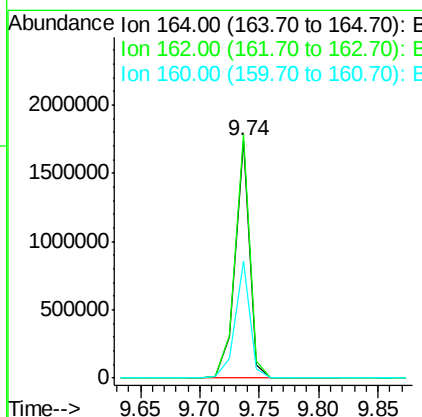
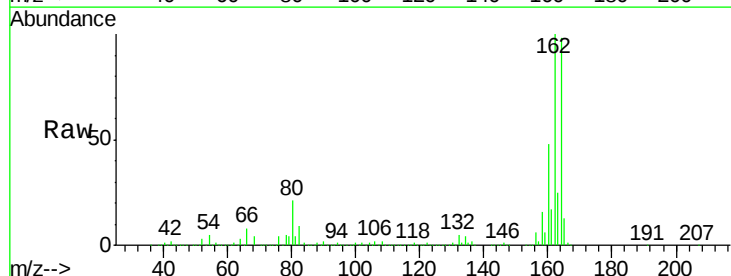
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOCATION-29A-9-11

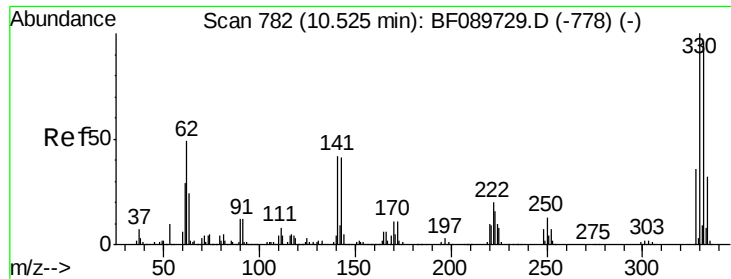
Tot Ion: 82 Resp: 3276161  
 Ion Ratio Lower Upper  
 82 100  
 128 51.9 34.4 51.6#  
 54 43.2 40.3 60.5



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.74 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: BF089757.D  
 Acq: 17 Aug 2016 11:45

Tgt Ion:164 Resp: 1480788  
 Ion Ratio Lower Upper  
 164 100  
 162 102.5 81.4 122.2  
 160 49.2 37.8 56.6

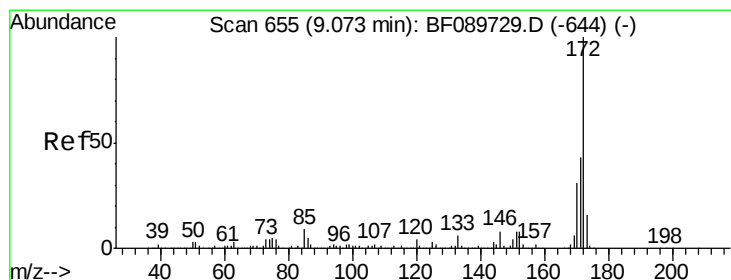
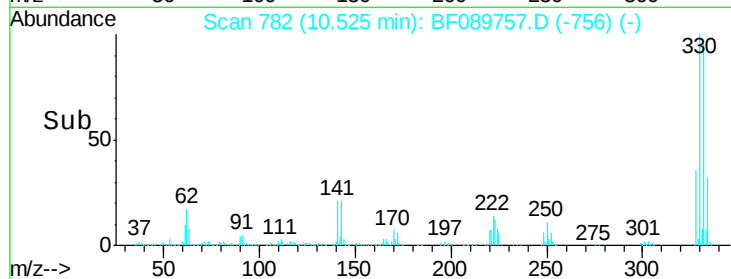
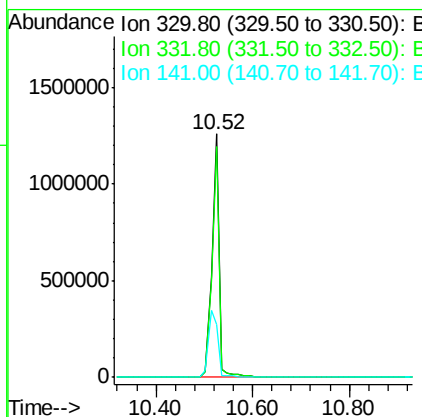
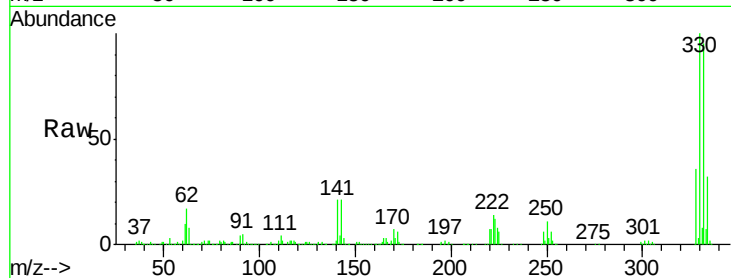




#41  
 2,4,6-Tribromophenol  
 Concen: 93.48 ng  
 RT: 10.52 min Scan# 782  
 Delta R.T. 0.00 min  
 Lab File: BF089757.D  
 Acq: 17 Aug 2016 11:45

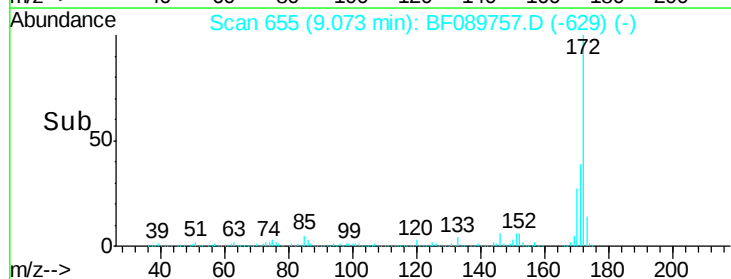
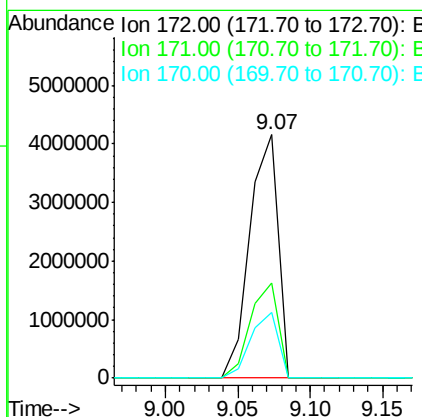
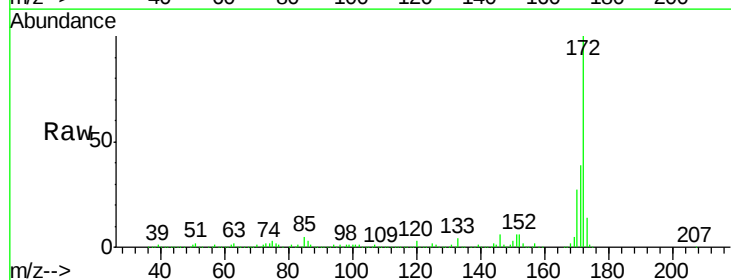
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOCATION-29A-9-11

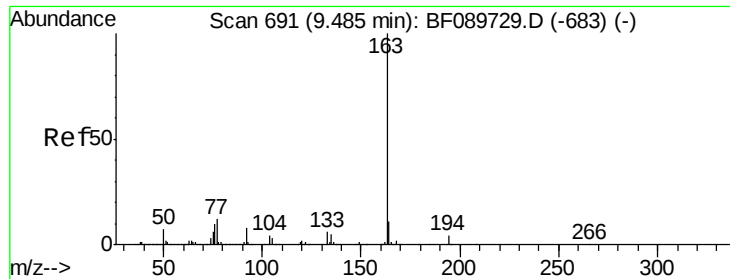
Tot Ion:330 Resp: 1339165  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 76.7 115.1  
 141 35.7 30.2 45.2



#44  
 2-Fluorobiphenyl  
 Concen: 61.07 ng  
 RT: 9.07 min Scan# 655  
 Delta R.T. 0.00 min  
 Lab File: BF089757.D  
 Acq: 17 Aug 2016 11:45

Tgt Ion:172 Resp: 5635881  
 Ion Ratio Lower Upper  
 172 100  
 171 39.1 30.5 45.7  
 170 27.2 20.6 31.0

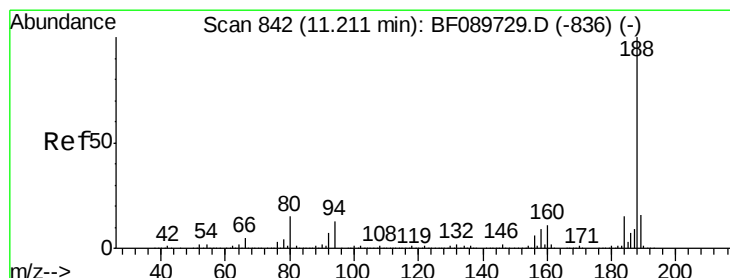
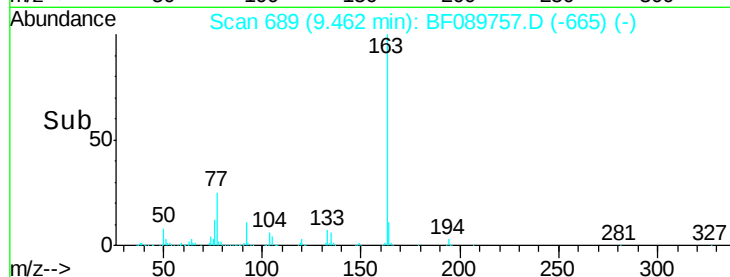
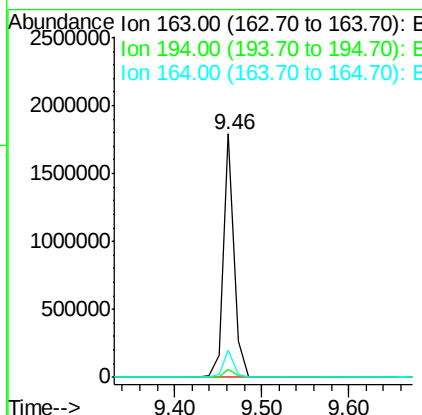
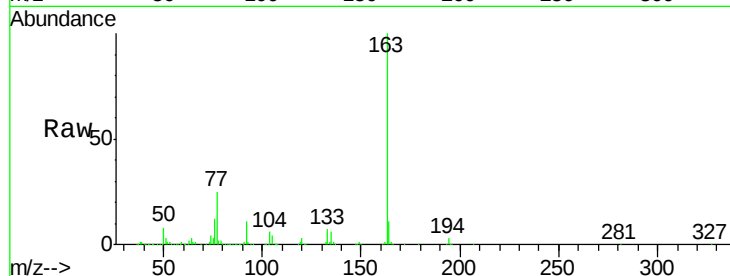




#49  
Dimethylphthalate  
Concen: 14.33 ng  
RT: 9.46 min Scan# 689  
Delta R.T. -0.02 min  
Lab File: BF089757.D  
Acq: 17 Aug 2016 11:45

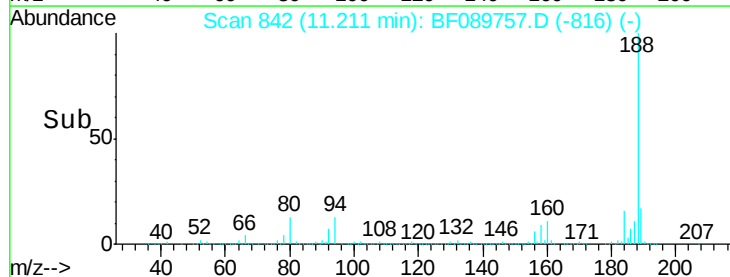
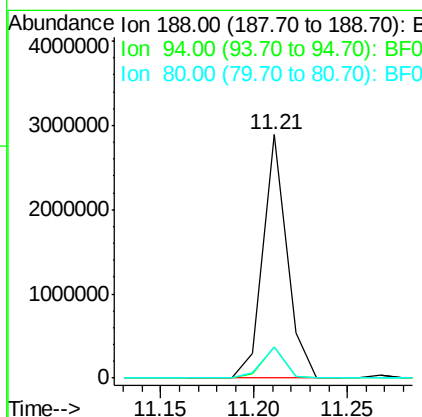
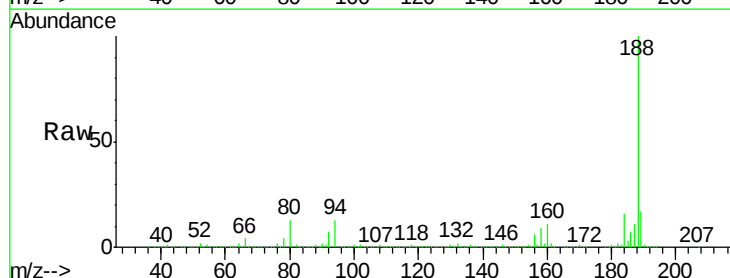
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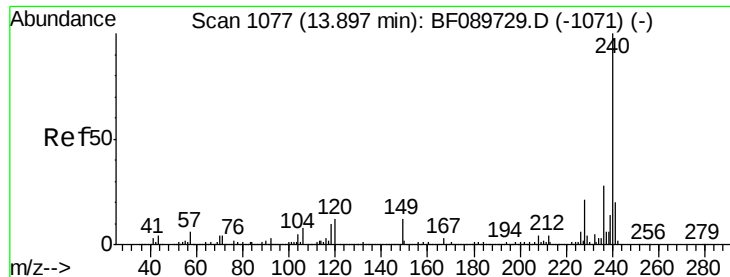
Tot Ion:163 Resp: 1535554  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.6 3.8  
164 11.0 8.6 12.8



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.21 min Scan# 842  
Delta R.T. 0.00 min  
Lab File: BF089757.D  
Acq: 17 Aug 2016 11:45

Tgt Ion:188 Resp: 2560524  
Ion Ratio Lower Upper  
188 100  
94 12.5 10.2 15.2  
80 13.0 10.9 16.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.06 min

Lab File: BF089757.D

Acq: 17 Aug 2016 11:45

Instrument :

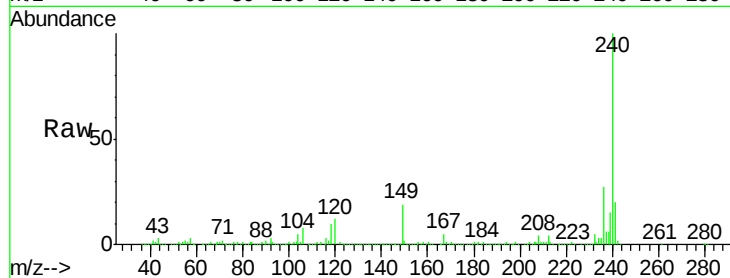
BNA\_F

ClientSampleId :

LOCATION-29A-9-11

Tot Ion:240 Resp: 2292451

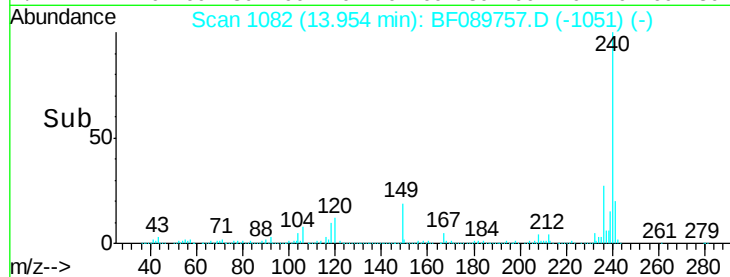
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.2  | 8.3   | 12.5  |
| 236 | 27.4  | 21.3  | 31.9  |



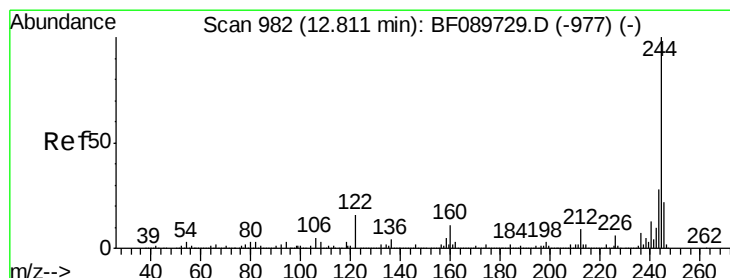
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 63.24 ng

RT: 12.82 min Scan# 983

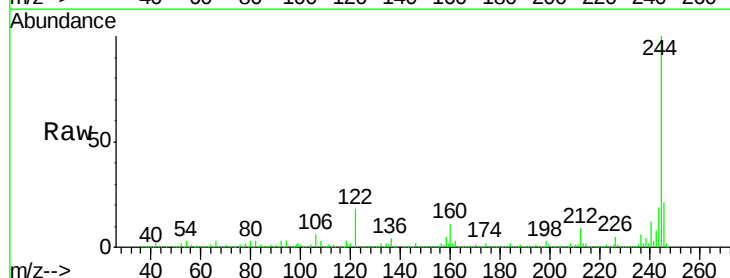
Delta R.T. 0.01 min

Lab File: BF089757.D

Acq: 17 Aug 2016 11:45

Tgt Ion:244 Resp: 4852880

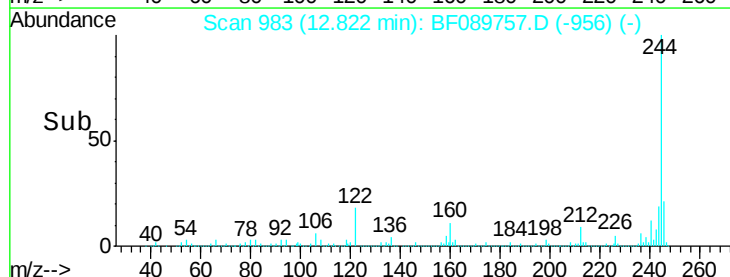
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.7   | 6.3   | 9.5   |
| 122 | 17.9  | 12.0  | 18.0  |



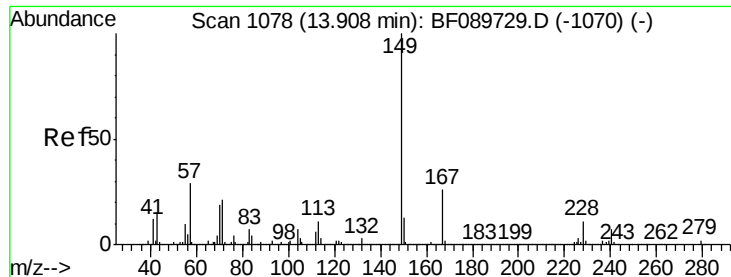
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



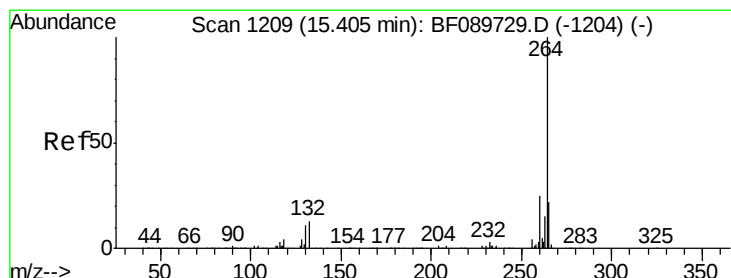
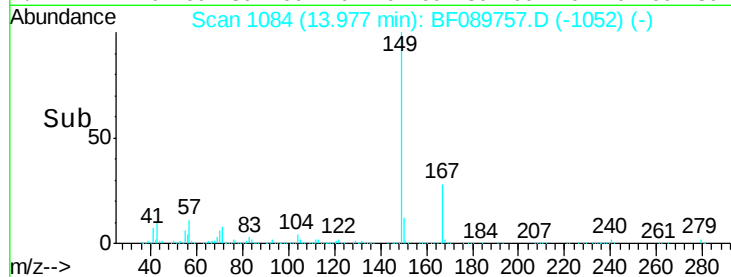
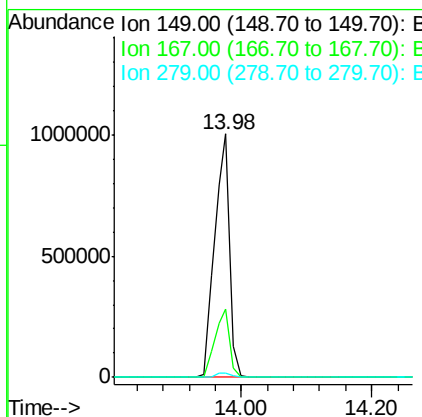
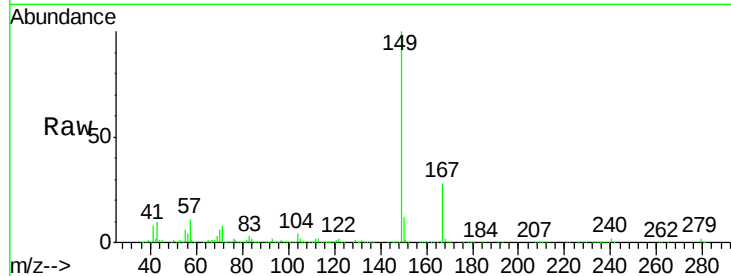
Time-->



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 16.33 ng  
 RT: 13.98 min Scan# 1084  
 Delta R.T. 0.07 min  
 Lab File: BF089757.D  
 Acq: 17 Aug 2016 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOCATION-29A-9-11

Tot Ion:149 Resp: 1626634  
 Ion Ratio Lower Upper  
 149 100  
 167 28.3 21.2 31.8  
 279 1.8 2.9 4.3#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.54 min Scan# 1221  
 Delta R.T. 0.14 min  
 Lab File: BF089757.D  
 Acq: 17 Aug 2016 11:45

Tgt Ion:264 Resp: 1828059  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 20.2 30.2  
 265 22.3 17.4 26.2

