

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF082117\  
 Data File : BF097948.D  
 Acq On : 22 Aug 2017 11:46  
 Operator : SJ/JU  
 Sample : I4900-05  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONTROL-LOADING-DOCK

Quant Time: Aug 22 13:23:45 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

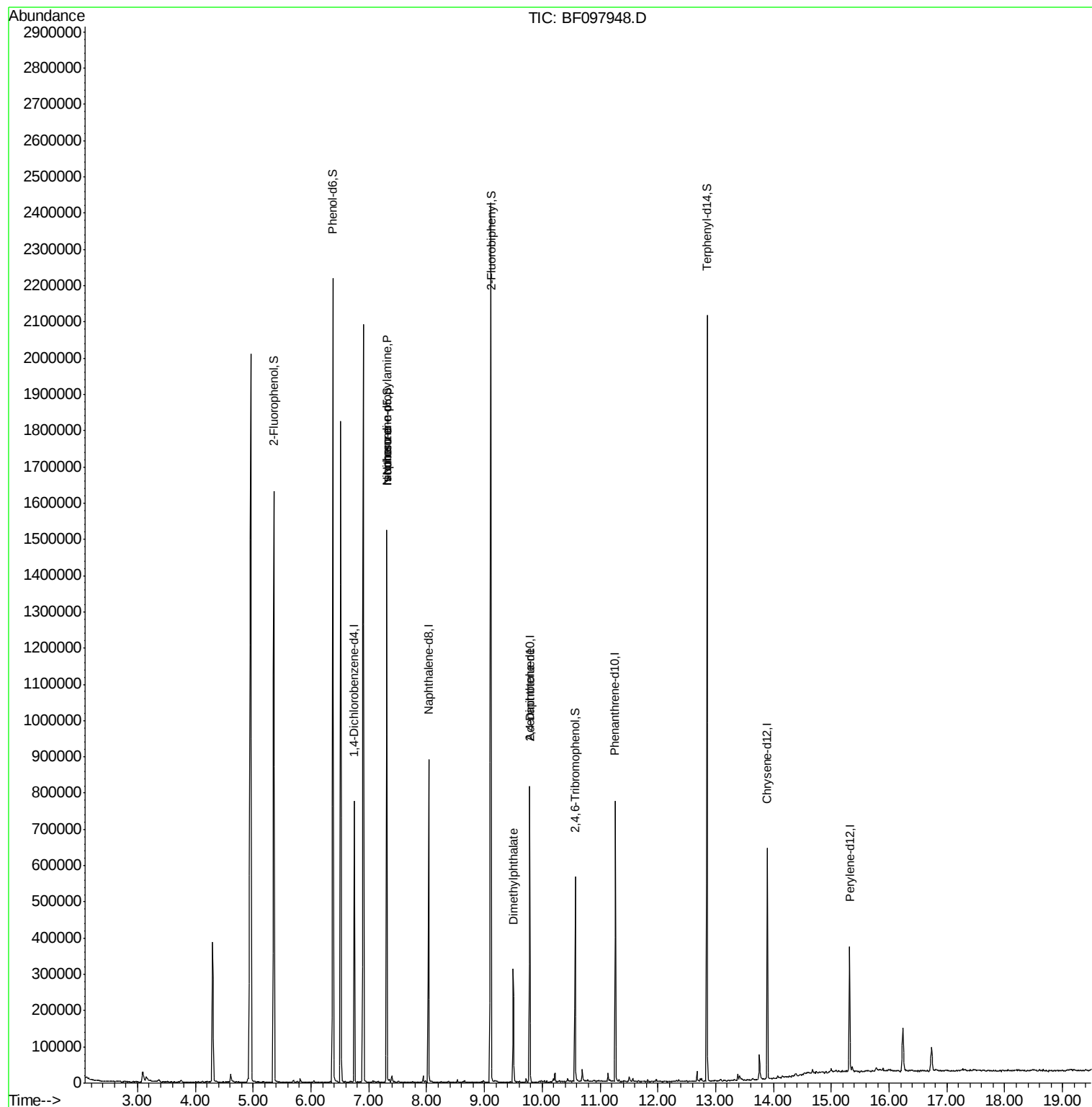
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.75  | 152  | 108794   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.03  | 136  | 394632   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.78  | 164  | 147128   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.26 | 188  | 258723   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 13.89 | 240  | 219255   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.32 | 264  | 147313   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.36  | 112  | 417996   | 58.44  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.38  | 99   | 768239   | 79.05  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.31  | 82   | 529761   | 72.93  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.57 | 330  | 57689    | 45.19  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.11  | 172  | 752289   | 75.12  | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.85 | 244  | 601040   | 57.16  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 19) n-Nitroso-di-n-propylamine | 7.31  | 70   | 71485    | 10.745 | ng    | # 73     |
| 25) Isophorone                 | 7.31  | 82   | 516907   | 34.221 | ng    | # 67     |
| 49) Dimethylphthalate          | 9.50  | 163  | 106809   | 9.931  | ng    | 100      |
| 56) 2,4-Dinitrotoluene         | 9.78  | 165  | 18735    | 6.954  | ng    | # 33     |

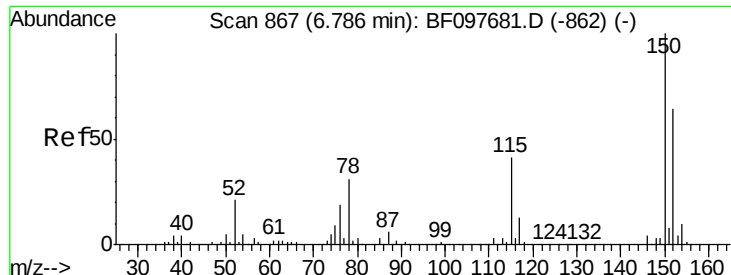
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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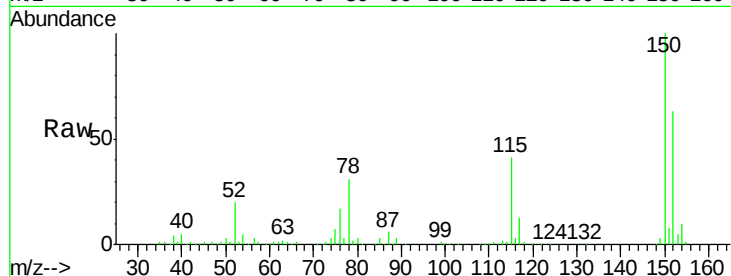




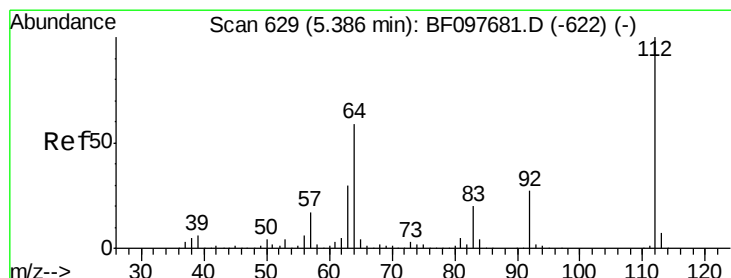
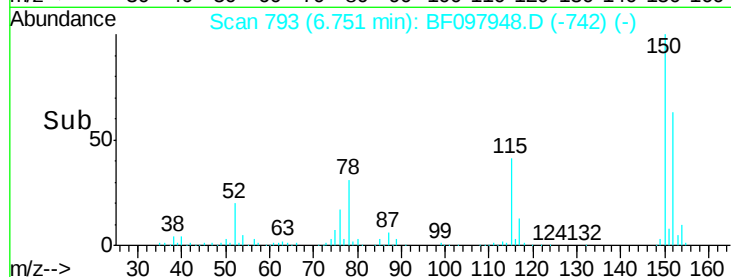
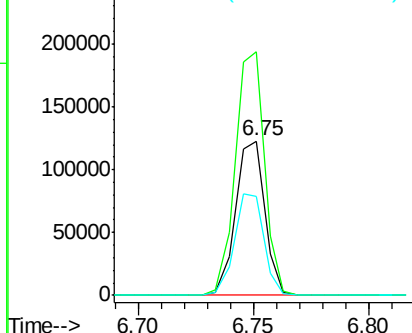
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.75 min Scan# 793  
 Delta R.T. 0.00 min  
 Lab File: BF097948.D  
 Acq: 22 Aug 2017 11:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONTROL-LOADING-DOCK

Tgt Ion:152 Resp: 108794  
 Ion Ratio Lower Upper  
 152 100  
 150 158.0 126.2 189.2  
 115 64.3 52.2 78.2

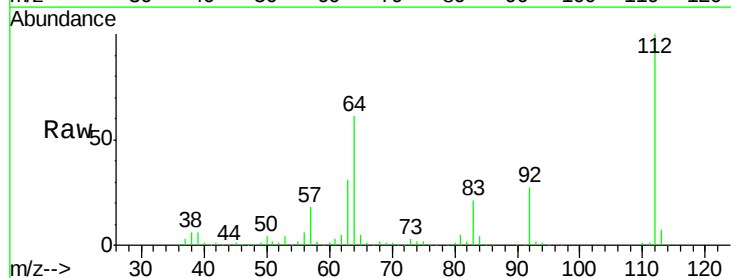


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

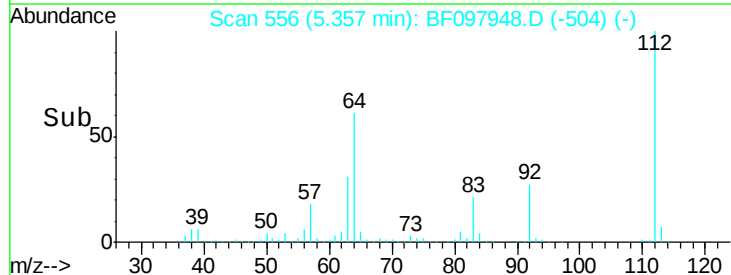
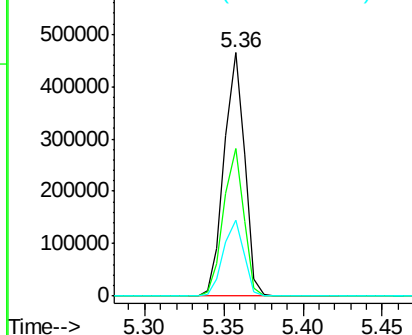


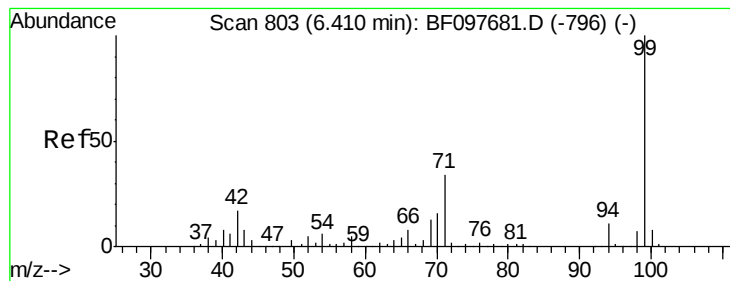
#5  
 2-Fluorophenol  
 Concen: 58.441 ng  
 RT: 5.36 min Scan# 556  
 Delta R.T. 0.01 min  
 Lab File: BF097948.D  
 Acq: 22 Aug 2017 11:46

Tgt Ion:112 Resp: 417996  
 Ion Ratio Lower Upper  
 112 100  
 64 60.7 46.0 69.0  
 63 31.0 23.4 35.0



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: 79.052 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Instrument :

BNA\_F

ClientSampleId :

CONTROL-LOADING-DOCK

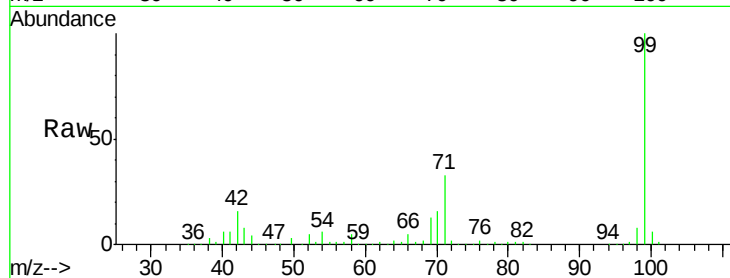
Tgt Ion: 99 Resp: 768239

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

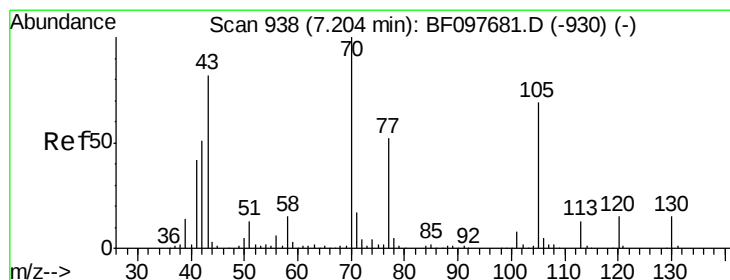
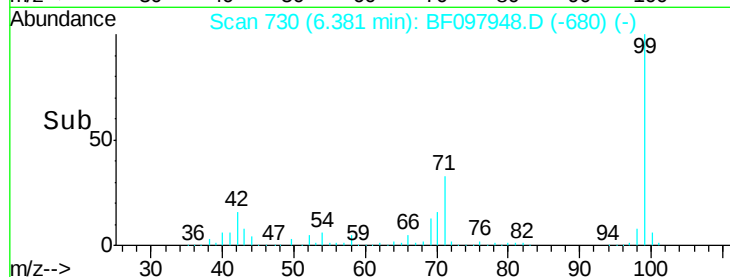
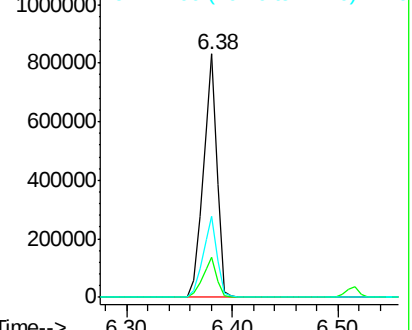
71 33.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 10.745 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Tgt Ion: 70 Resp: 71485

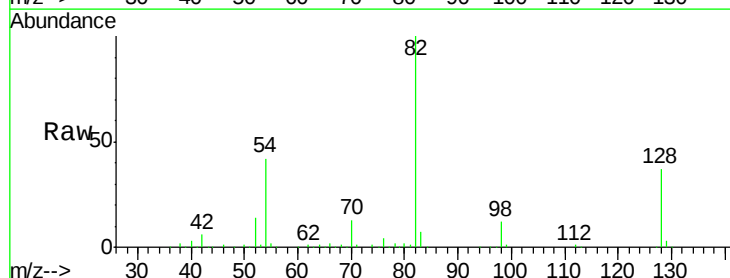
Ion Ratio Lower Upper

70 100

42 41.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

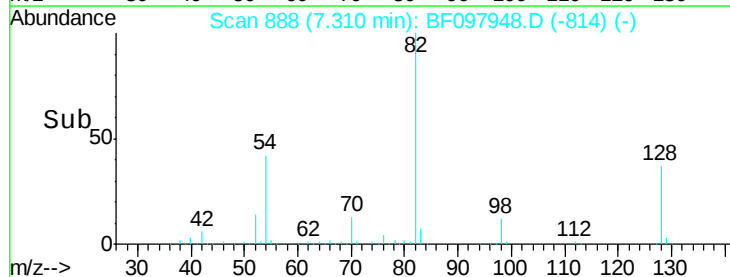
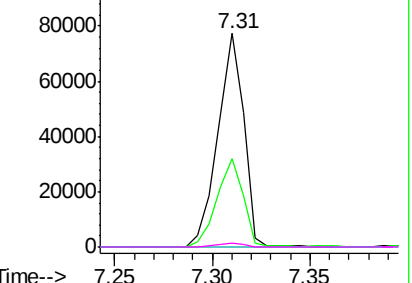


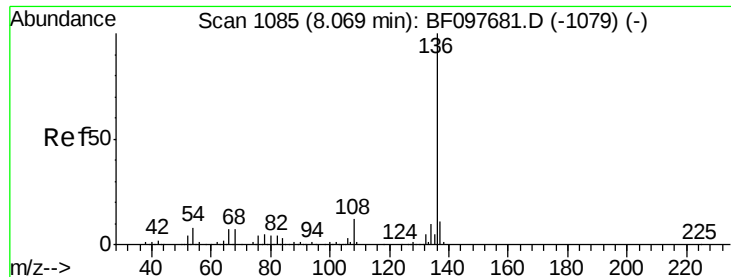
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Instrument :

BNA\_F

ClientSampleId :

CONTROL-LOADING-DOCK

Tgt Ion:136 Resp: 394632

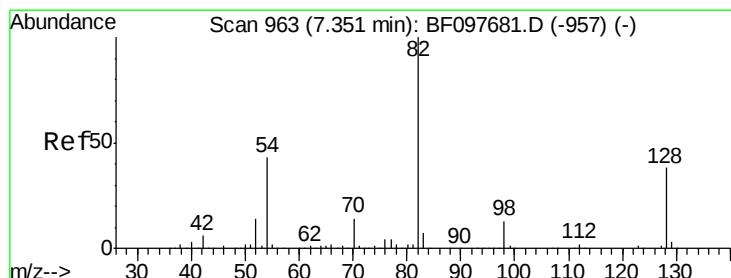
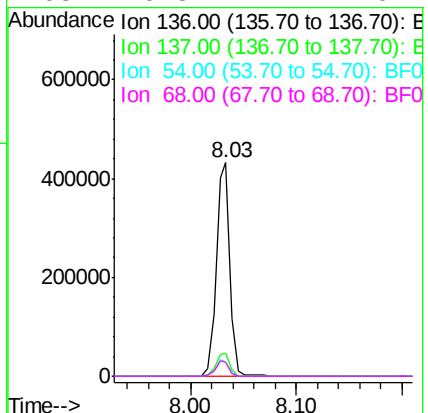
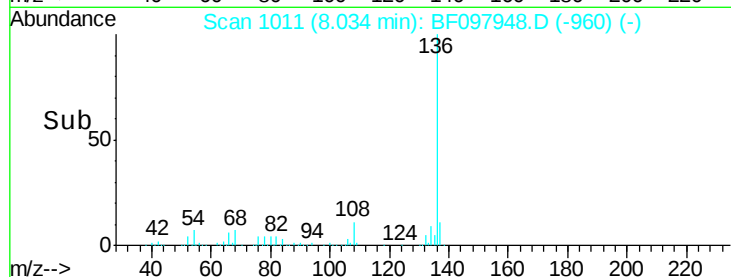
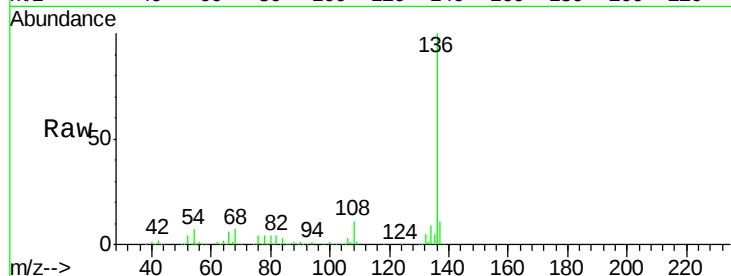
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 6.8 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 72.926 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

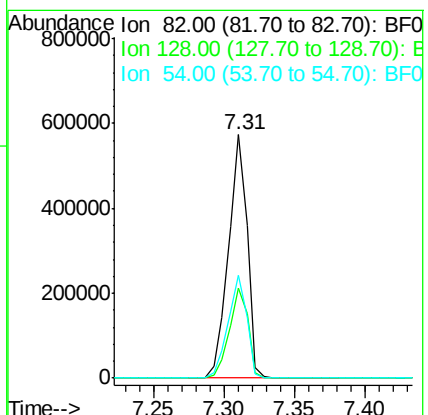
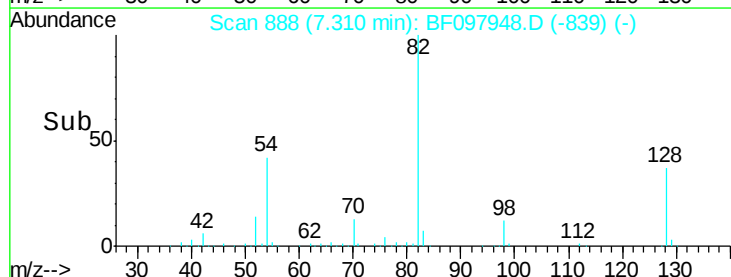
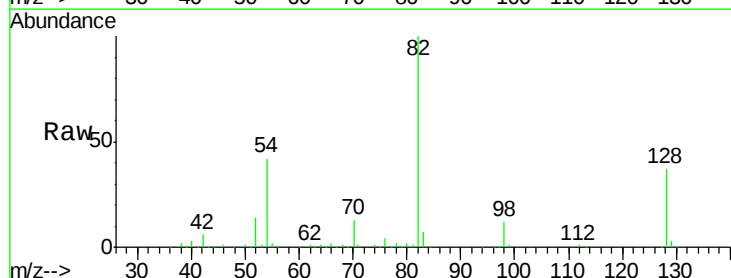
Tgt Ion: 82 Resp: 529761

Ion Ratio Lower Upper

82 100

128 36.9 34.0 51.0

54 42.4 42.2 63.2





#25

Isophorone

Concen: 34.221 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Instrument :

BNA\_F

ClientSampleId :

CONTROL-LOADING-DOCK

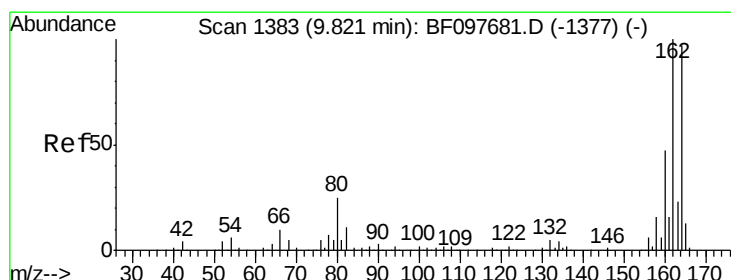
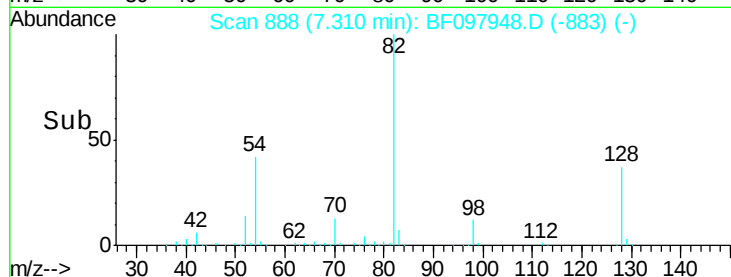
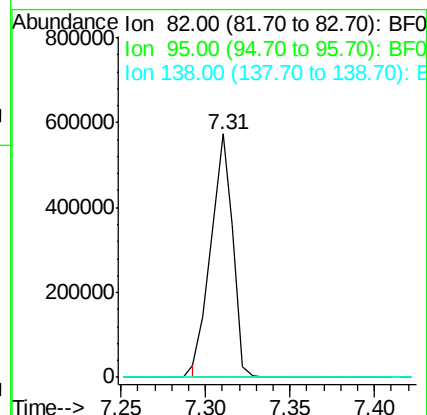
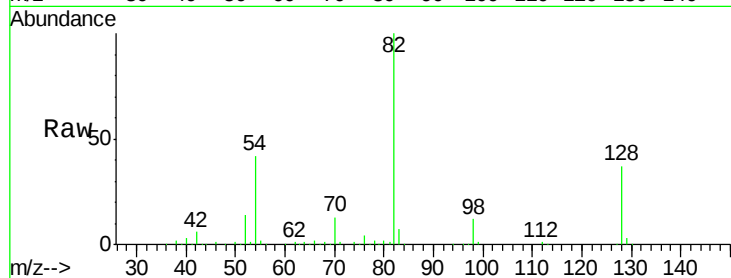
Tgt Ion: 82 Resp: 516907

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

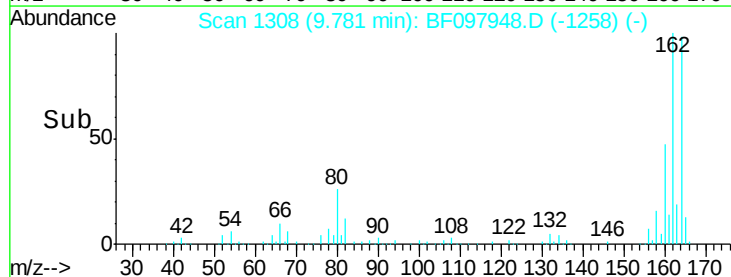
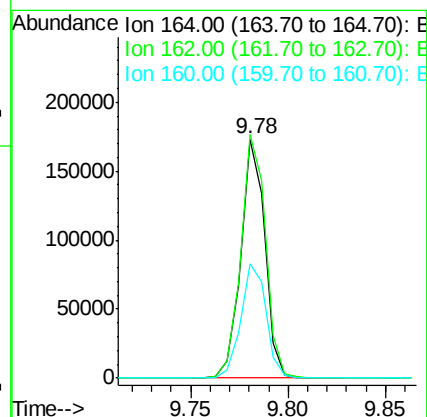
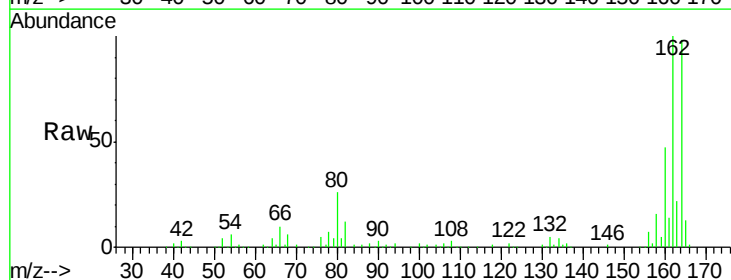
Tgt Ion: 164 Resp: 147128

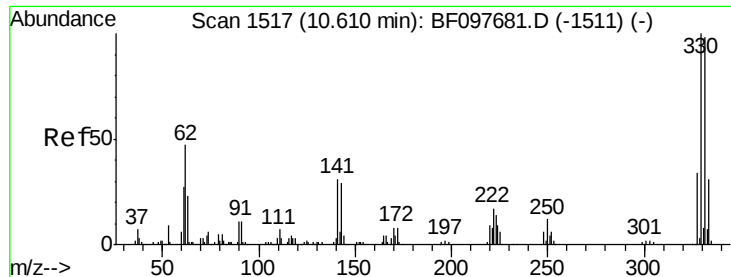
Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

160 47.6 36.2 54.2

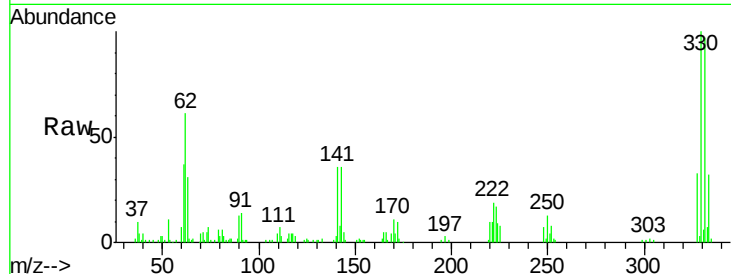




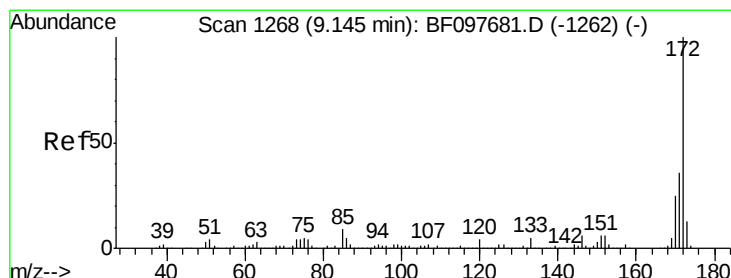
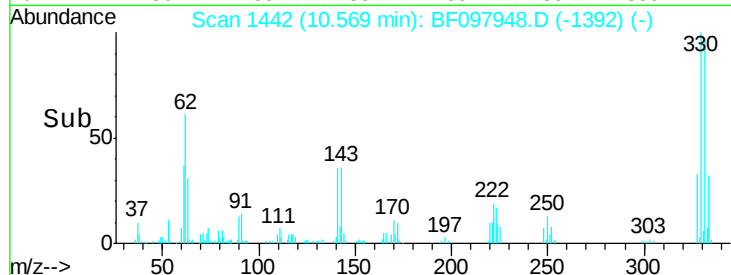
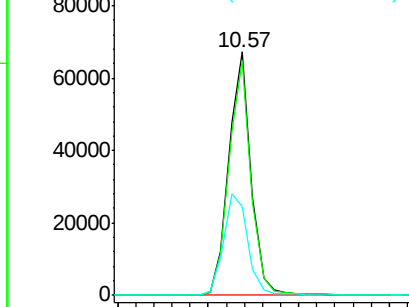
#41  
 2,4,6-Tribromophenol  
 Concen: 45.190 ng  
 RT: 10.57 min Scan# 1442  
 Delta R.T. -0.01 min  
 Lab File: BF097948.D  
 Acq: 22 Aug 2017 11:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONTROL-LOADING-DOCK

Tgt Ion: 330 Resp: 57689  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 76.6 115.0  
 141 45.2 31.4 47.2

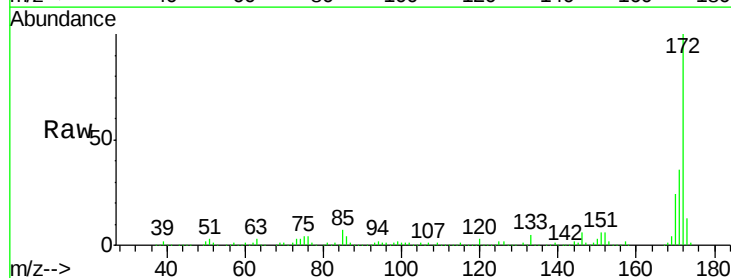


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

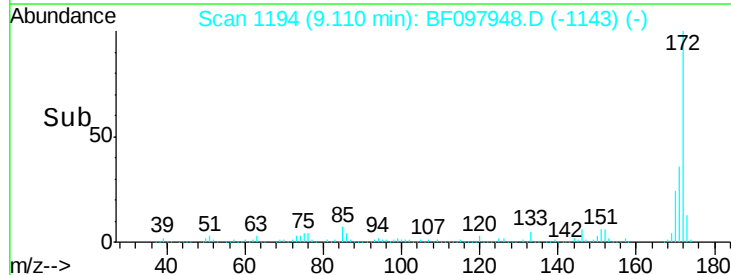
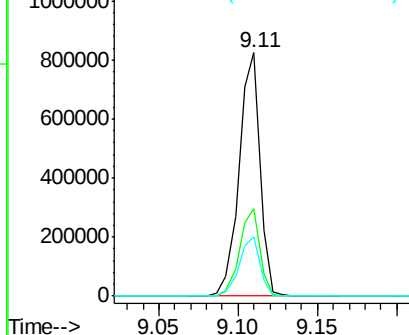


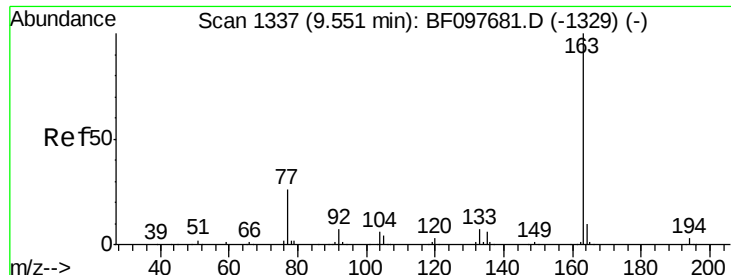
#44  
 2-Fluorobiphenyl  
 Concen: 75.123 ng  
 RT: 9.11 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: BF097948.D  
 Acq: 22 Aug 2017 11:46

Tgt Ion: 172 Resp: 752289  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.6 44.4  
 170 24.3 19.8 29.8



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

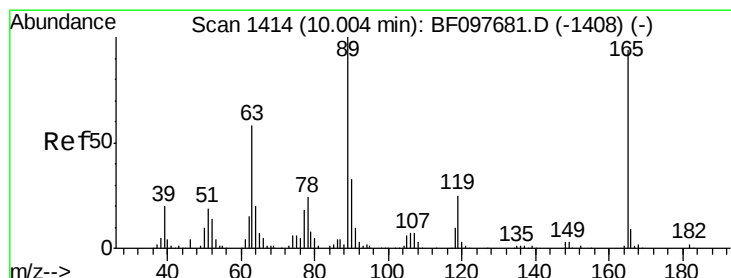
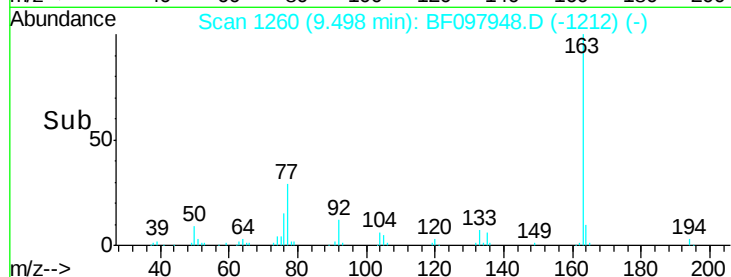
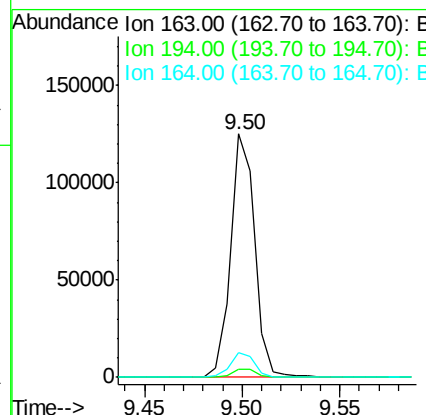
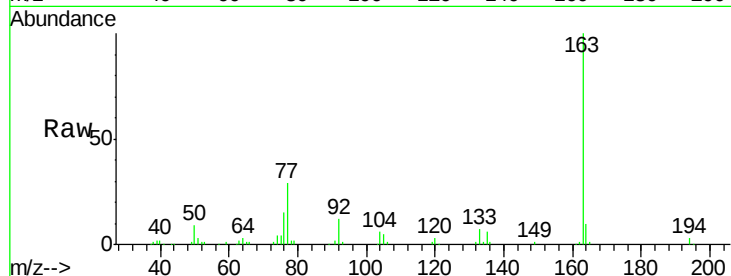




#49  
Dimethylphthalate  
Concen: 9.931 ng  
RT: 9.50 min Scan# 1260  
Delta R.T. -0.02 min  
Lab File: BF097948.D  
Acq: 22 Aug 2017 11:46

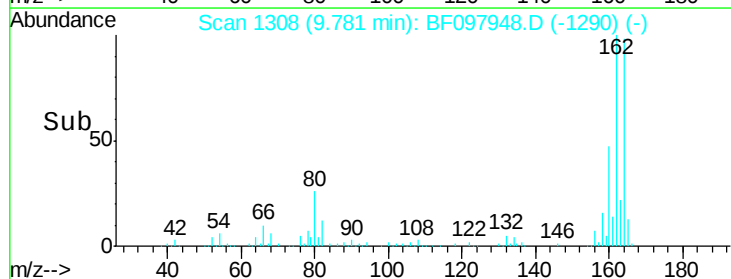
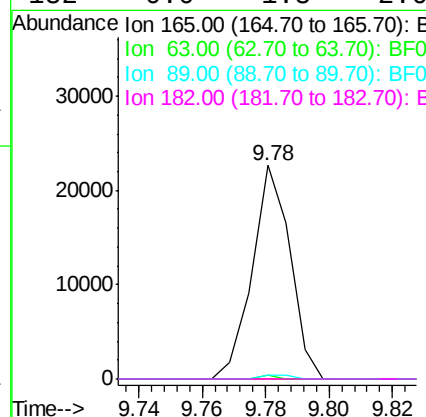
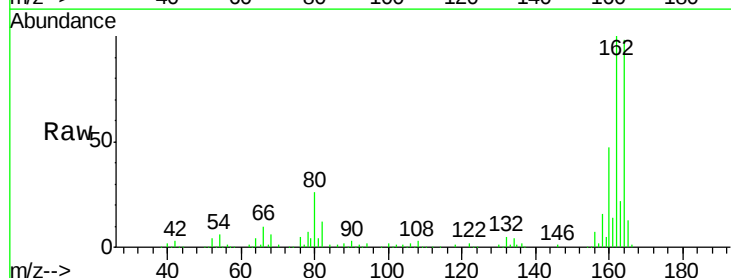
Instrument :  
BNA\_F  
ClientSampleId :  
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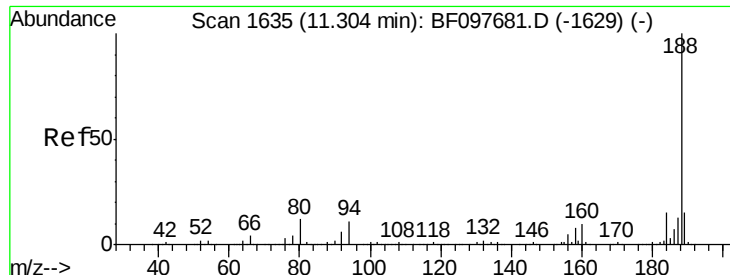
Tgt Ion:163 Resp: 106809  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.6 4.0  
164 10.4 8.4 12.6



#56  
2,4-Dinitrotoluene  
Concen: 6.954 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. -0.19 min  
Lab File: BF097948.D  
Acq: 22 Aug 2017 11:46

Tgt Ion:165 Resp: 18735  
Ion Ratio Lower Upper  
165 100  
63 1.7 25.4 38.0#  
89 1.8 46.4 69.6#  
182 0.0 1.8 2.6#

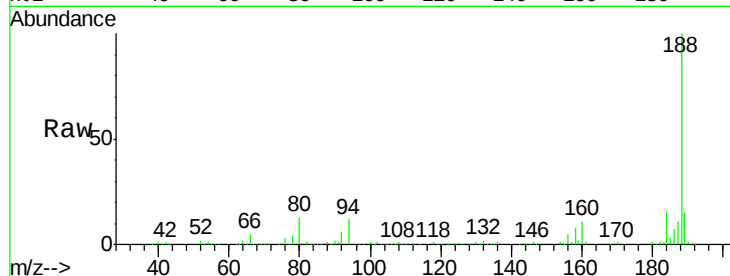




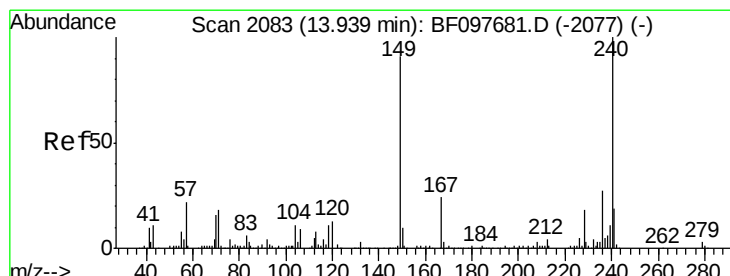
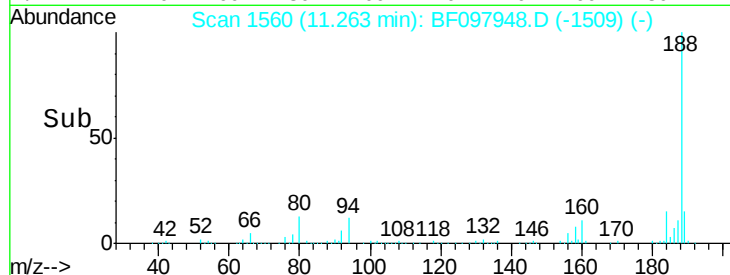
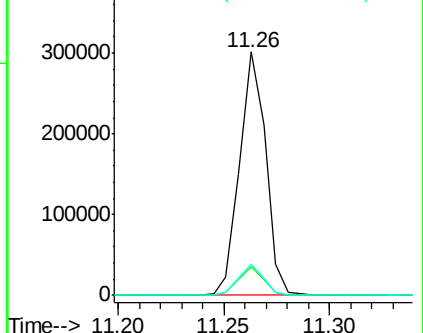
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.26 min Scan# 1560  
Delta R.T. 0.00 min  
Lab File: BF097948.D  
Acq: 22 Aug 2017 11:46

Instrument :  
BNA\_F  
ClientSampleId :  
CONTROL-LOADING-DOCK

Tgt Ion:188 Resp: 258723  
Ion Ratio Lower Upper  
188 100  
94 11.7 9.4 14.2  
80 12.6 10.2 15.2

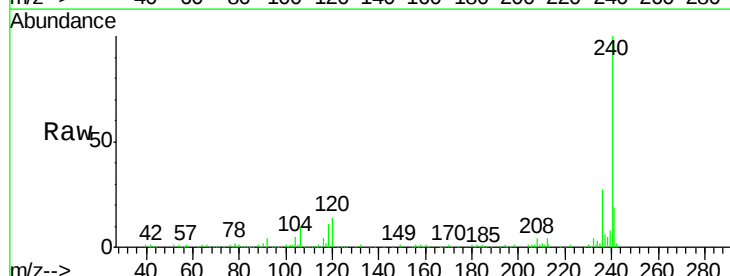


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

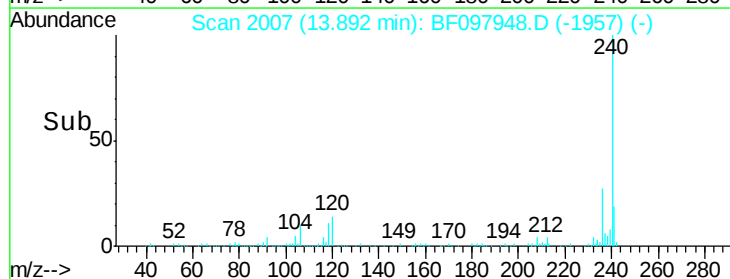
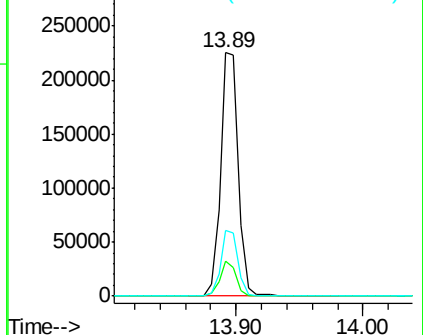


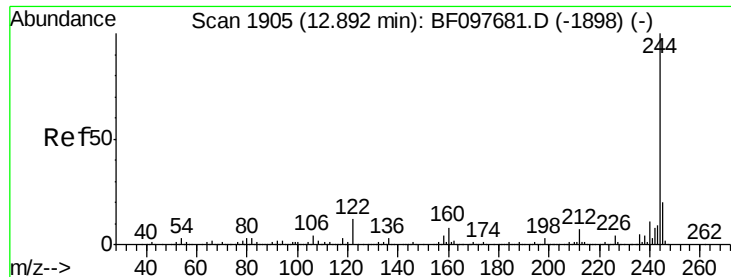
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.89 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BF097948.D  
Acq: 22 Aug 2017 11:46

Tgt Ion:240 Resp: 219255  
Ion Ratio Lower Upper  
240 100  
120 14.1 5.8 8.8#  
236 26.8 20.5 30.7



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

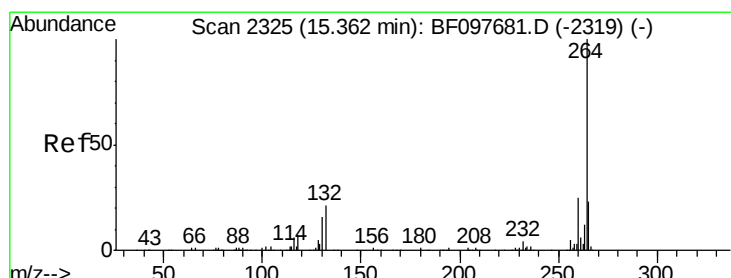
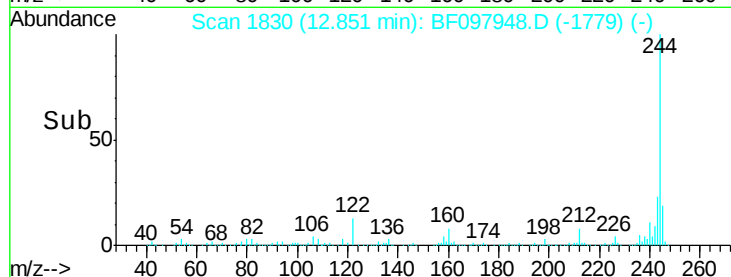
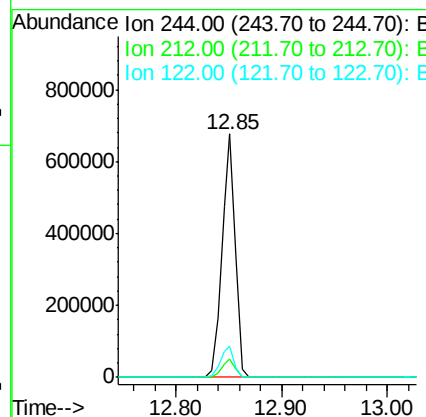
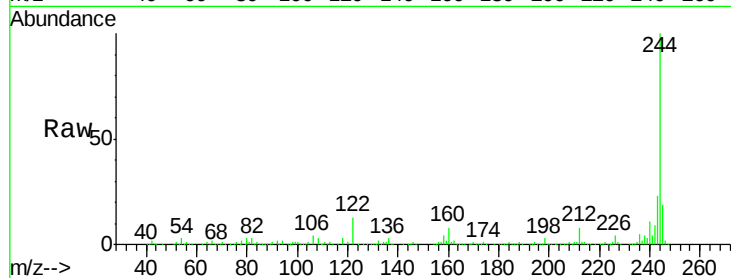




#78  
 Terphenyl-d14  
 Concen: 57.165 ng  
 RT: 12.85 min Scan# 1830  
 Delta R.T. 0.00 min  
 Lab File: BF097948.D  
 Acq: 22 Aug 2017 11:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONTROL-LOADING-DOCK

Tgt Ion:244 Resp: 601040  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.0 9.0  
 122 12.8 10.3 15.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.32 min Scan# 2249  
 Delta R.T. 0.01 min  
 Lab File: BF097948.D  
 Acq: 22 Aug 2017 11:46

Tgt Ion:264 Resp: 147313  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.5 29.3  
 265 20.4 17.2 25.8

