

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\  
 Data File : BF095638.D  
 Acq On : 2 Jun 2017 17:24  
 Operator : SJ/MA  
 Sample : I3412-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 03 01:31:52 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 01 18:51:16 2017  
 Response via : Initial Calibration

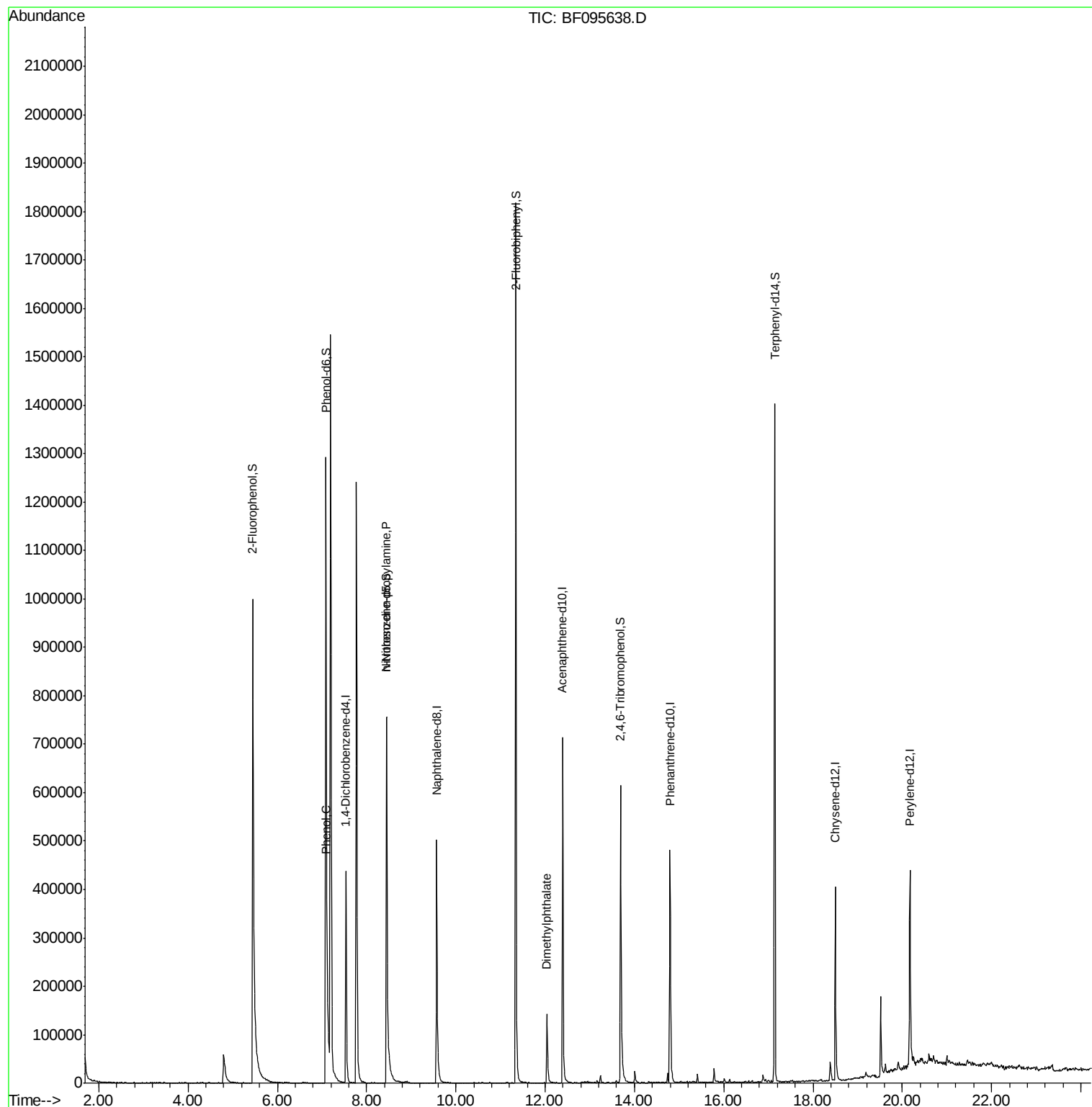
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.54  | 152  | 108645   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 9.57  | 136  | 417990   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 12.39 | 164  | 201440   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 14.80 | 188  | 304943   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 18.50 | 240  | 209808   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 20.17 | 264  | 194212   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.45  | 112  | 680851   | 104.48 | ng    | 0.00     |
| 7) Phenol-d6                   | 7.09  | 99   | 858006   | 109.74 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 8.45  | 82   | 488358   | 73.67  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol       | 13.69 | 330  | 130688   | 79.22  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 11.35 | 172  | 858379   | 61.33  | ng    | 0.00     |
| 78) Terphenyl-d14              | 17.14 | 244  | 568157   | 59.65  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 7.11  | 94   | 36762    | 4.46   | ng    | 82       |
| 19) n-Nitroso-di-n-propylamine | 8.45  | 70   | 60215    | 11.39  | ng    | # 76     |
| 49) Dimethylphthalate          | 12.04 | 163  | 112143   | 6.78   | ng    | 99       |

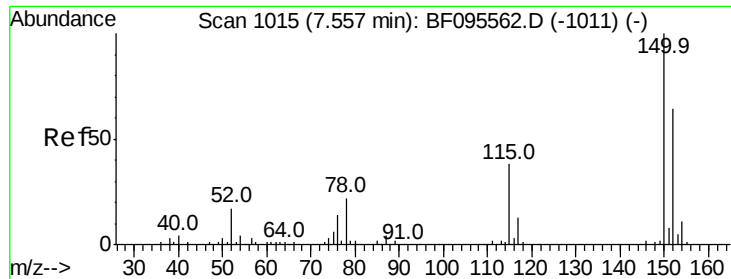
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\  
Data File : BF095638.D  
Acq On : 2 Jun 2017 17:24  
Operator : SJ/MA  
Sample : I3412-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Jun 03 01:31:52 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 01 18:51:16 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF095638.D

Acq: 2 Jun 2017 17:24

Instrument :

BNA\_F

ClientSampleId :

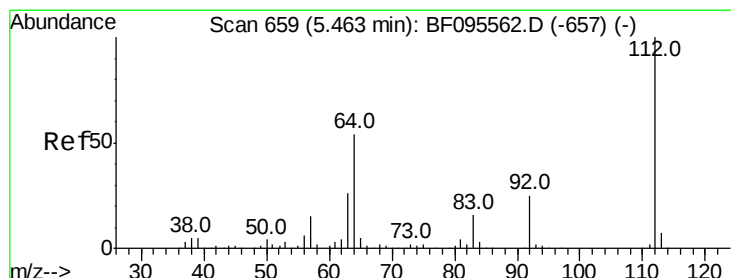
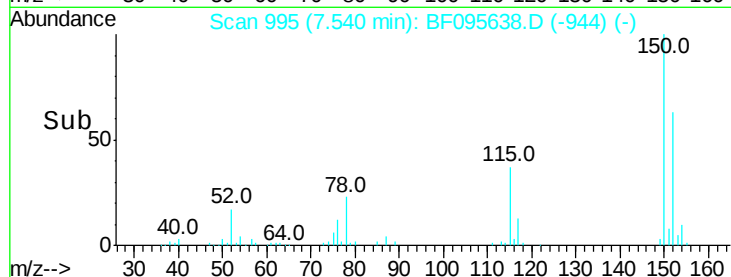
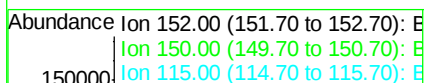
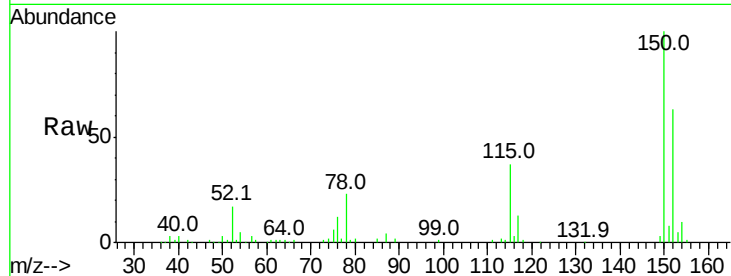
Tot Ion:152 Resp: 108645

Ion Ratio Lower Upper

152 100

150 159.3 126.2 189.2

115 59.0 52.2 78.2



#5

2-Fluorophenol

Concen: 104.48 ng

RT: 5.45 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF095638.D

Acq: 2 Jun 2017 17:24

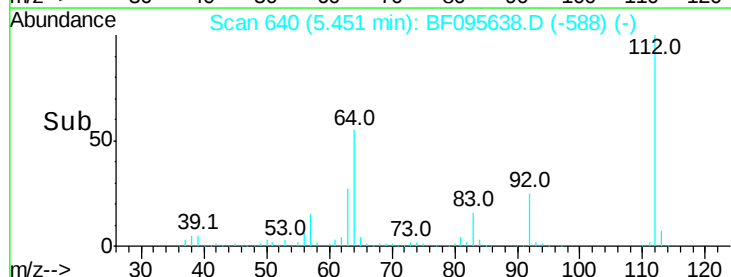
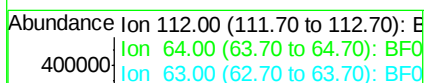
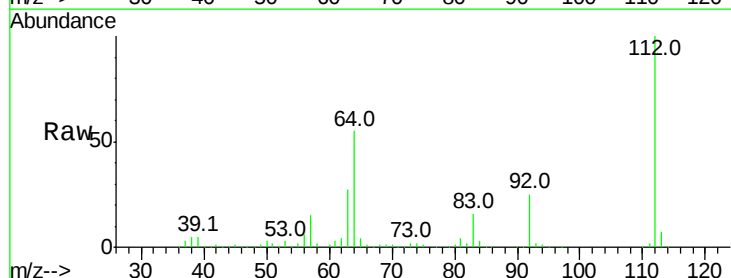
Tgt Ion:112 Resp: 680851

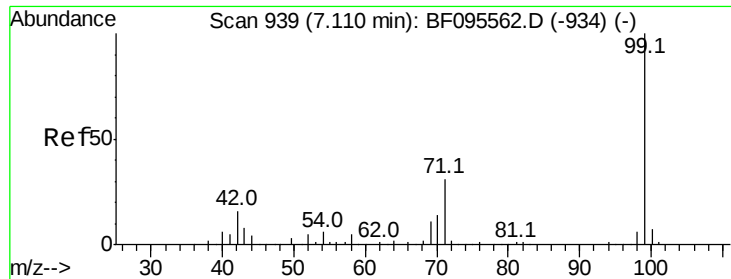
Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

63 27.3 23.4 35.0





#7

Phenol-d6

Concen: 109.74 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095638.D

Acq: 2 Jun 2017 17:24

Instrument :

BNA\_F

ClientSampleId :

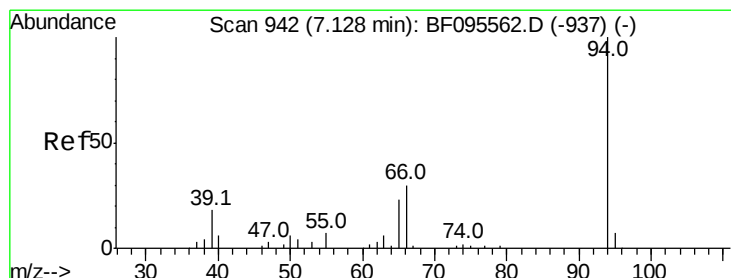
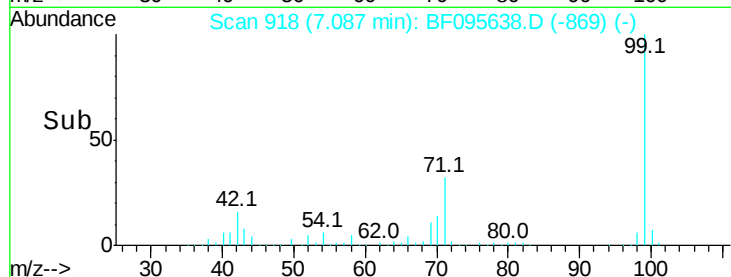
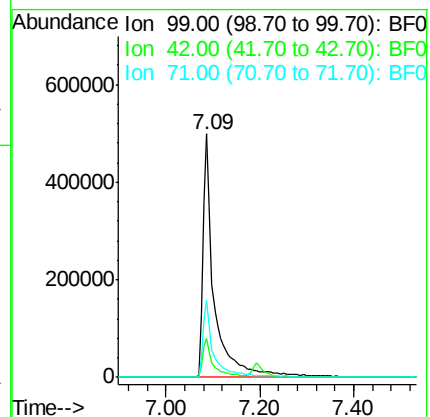
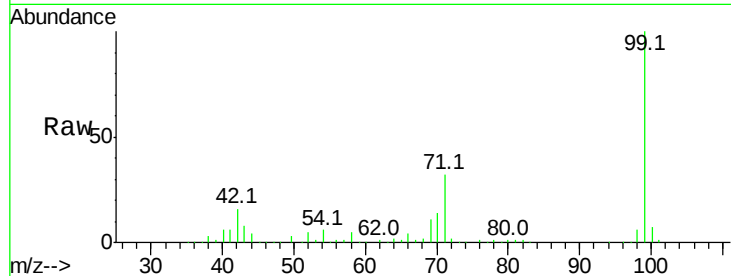
Tot Ion: 99 Resp: 858006

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

71 31.8 24.5 36.7



#10

Phenol

Concen: 4.46 ng

RT: 7.11 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF095638.D

Acq: 2 Jun 2017 17:24

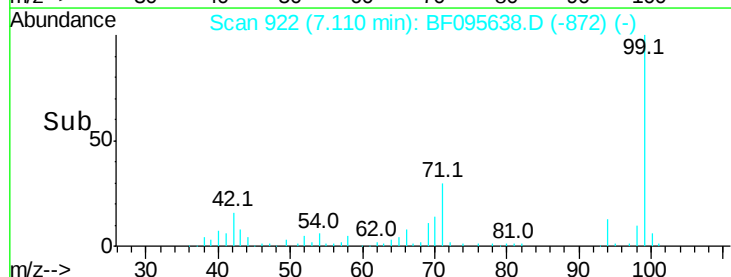
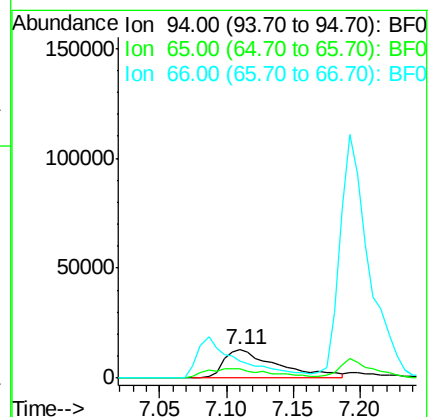
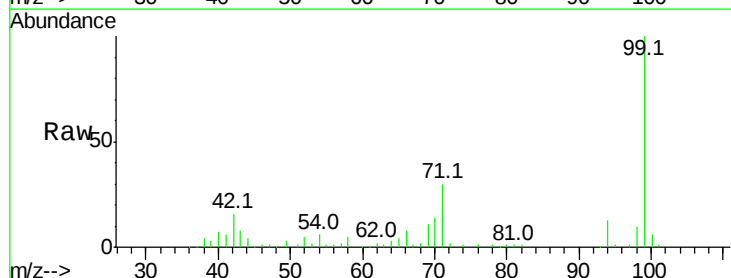
Tgt Ion: 94 Resp: 36762

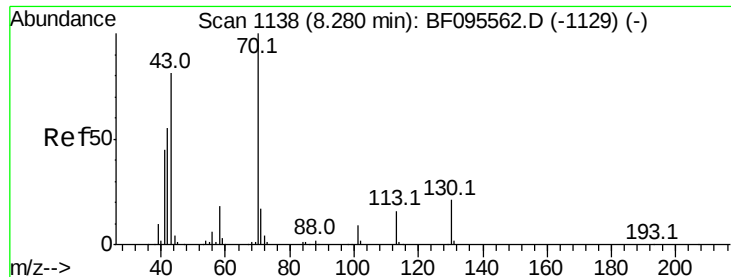
Ion Ratio Lower Upper

94 100

65 31.4 9.9 49.9

66 60.8 23.1 63.1

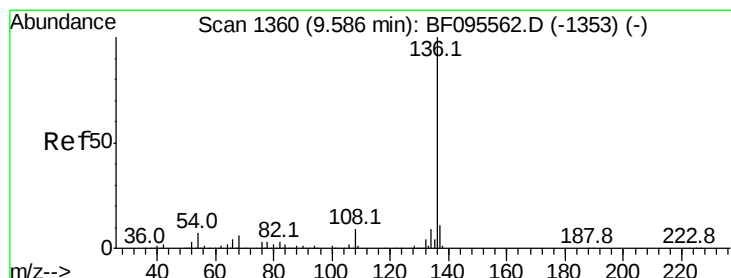
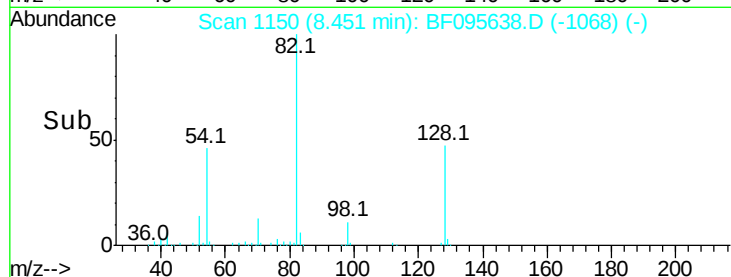
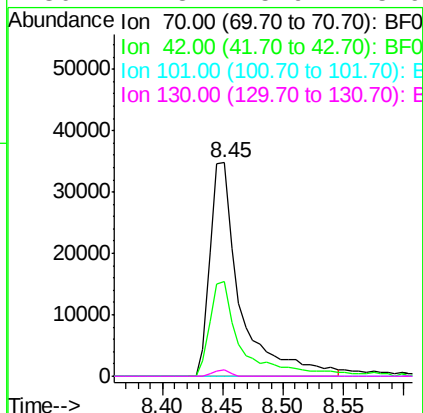
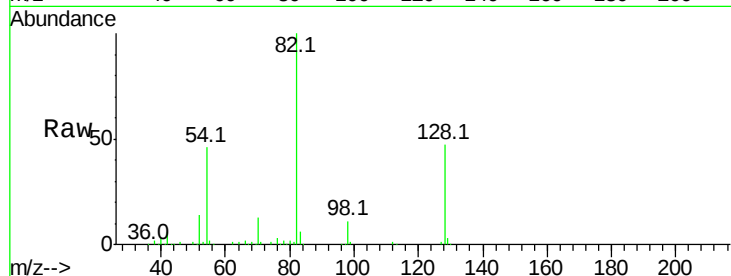




#19  
n-Nitroso-di-n-propylamine  
Concen: 11.39 ng  
RT: 8.45 min Scan# 1150  
Delta R.T. 0.18 min  
Lab File: BF095638.D  
Acq: 2 Jun 2017 17:24

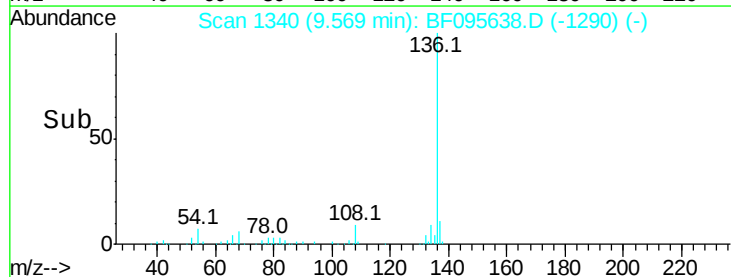
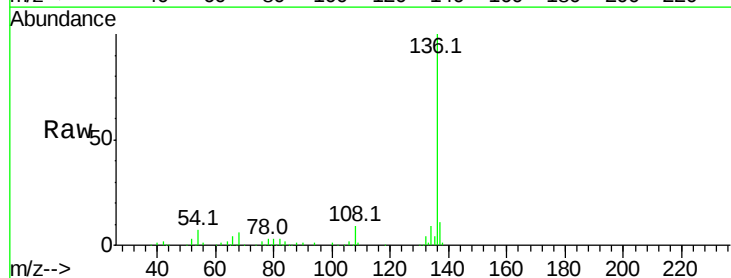
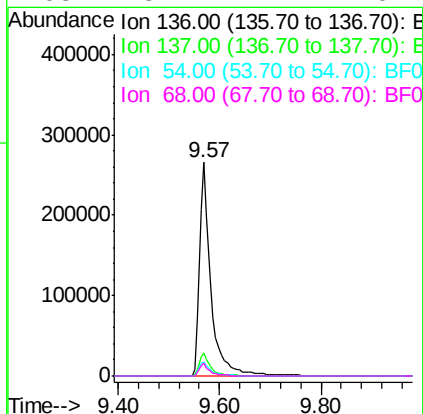
Instrument :  
BNA\_F  
ClientSampleId :

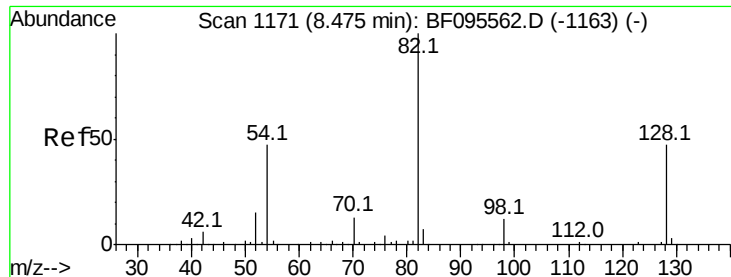
Tot Ion: 70 Resp: 60215  
Ion Ratio Lower Upper  
70 100  
42 44.1 47.2 70.8#  
101 0.0 7.2 10.8#  
130 2.8 15.9 23.9#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.57 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BF095638.D  
Acq: 2 Jun 2017 17:24

Tgt Ion:136 Resp: 417990  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.5 12.7  
54 6.7 4.9 7.3  
68 5.7 4.1 6.1

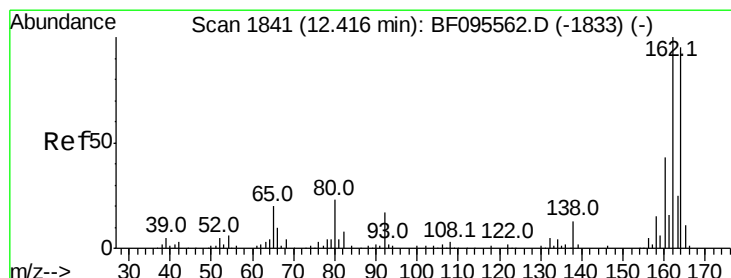
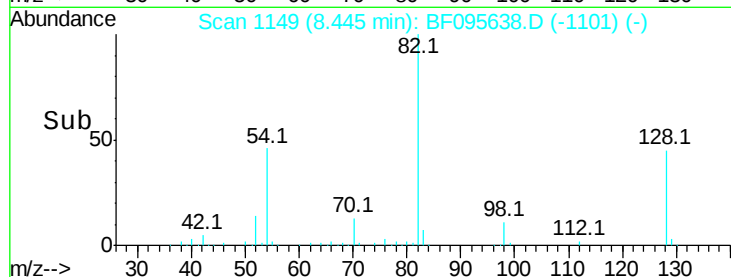
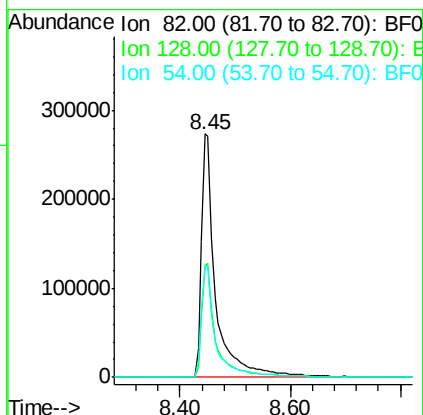
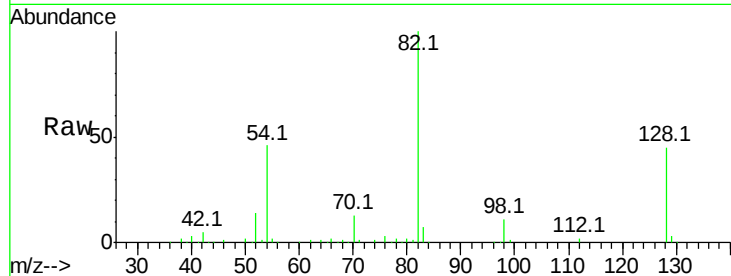




#23  
Nitrobenzene-d5  
Concen: 73.67 ng  
RT: 8.45 min Scan# 1149  
Delta R.T. -0.02 min  
Lab File: BF095638.D  
Acq: 2 Jun 2017 17:24

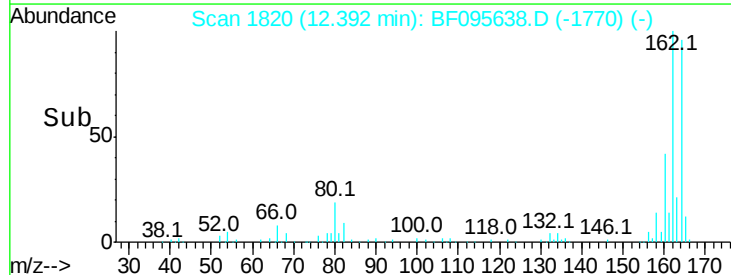
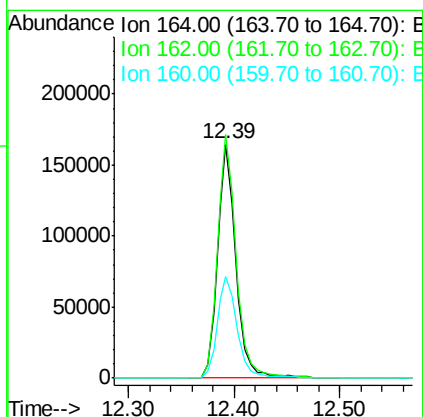
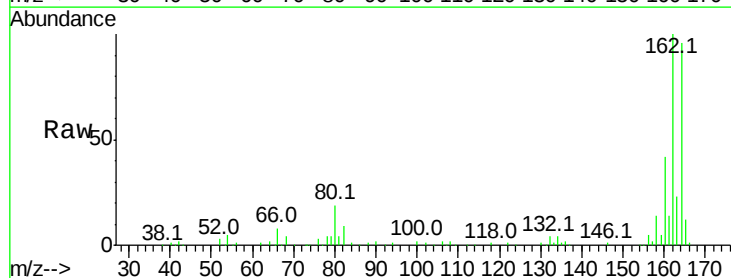
Instrument :  
BNA\_F  
ClientSampleId :

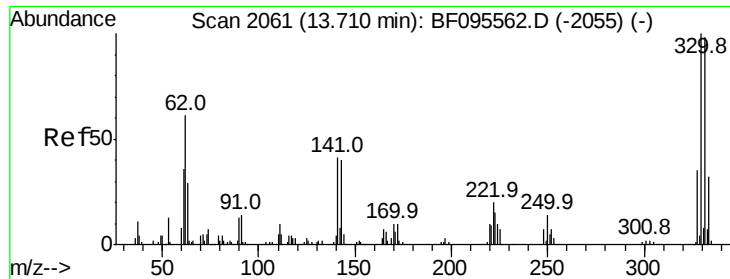
Tot Ion: 82 Resp: 488358  
Ion Ratio Lower Upper  
82 100  
128 45.1 34.0 51.0  
54 46.3 42.2 63.2



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.39 min Scan# 1820  
Delta R.T. -0.01 min  
Lab File: BF095638.D  
Acq: 2 Jun 2017 17:24

Tgt Ion:164 Resp: 201440  
Ion Ratio Lower Upper  
164 100  
162 104.2 82.6 123.8  
160 43.3 36.2 54.2

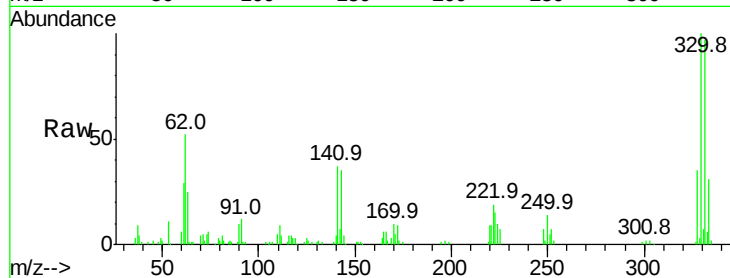




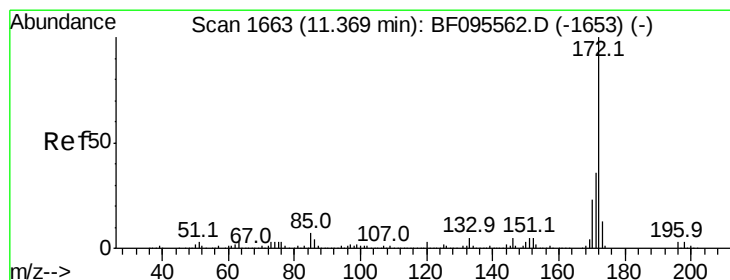
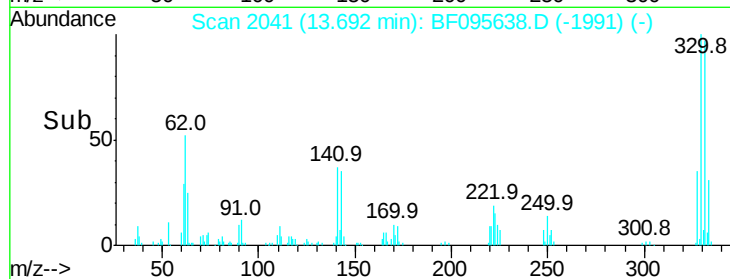
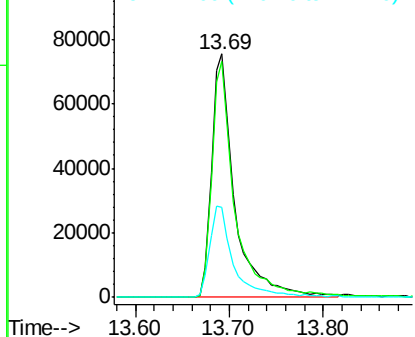
#41  
 2,4,6-Tribromophenol  
 Concen: 79.22 ng  
 RT: 13.69 min Scan# 2041  
 Delta R.T. -0.01 min  
 Lab File: BF095638.D  
 Acq: 2 Jun 2017 17:24

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:330 Resp: 130688  
 Ion Ratio Lower Upper  
 330 100  
 332 97.9 76.6 115.0  
 141 38.8 31.4 47.2

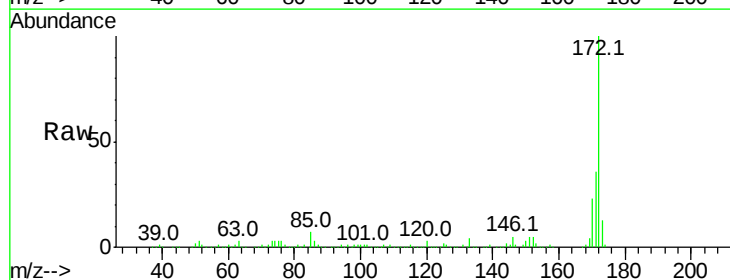


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

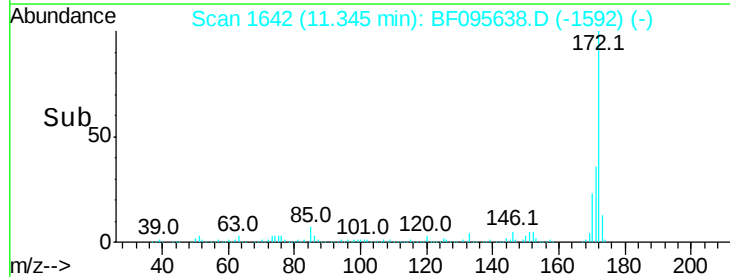
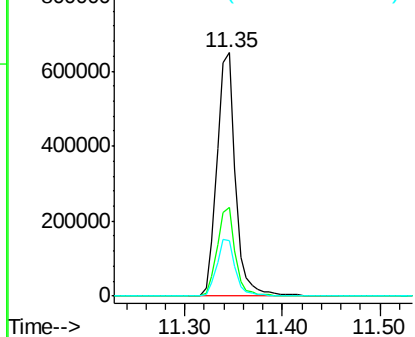


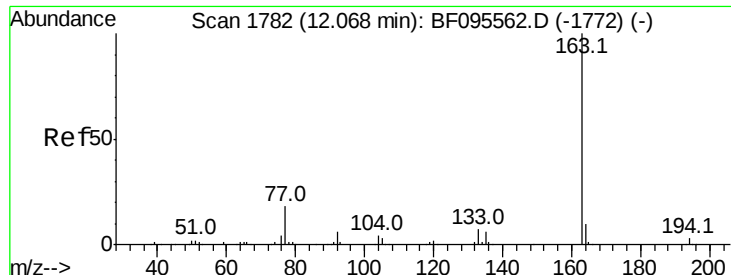
#44  
 2-Fluorobiphenyl  
 Concen: 61.33 ng  
 RT: 11.35 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BF095638.D  
 Acq: 2 Jun 2017 17:24

Tgt Ion:172 Resp: 858379  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.6 44.4  
 170 23.0 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

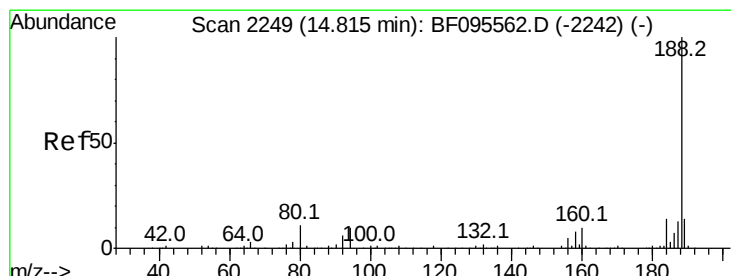
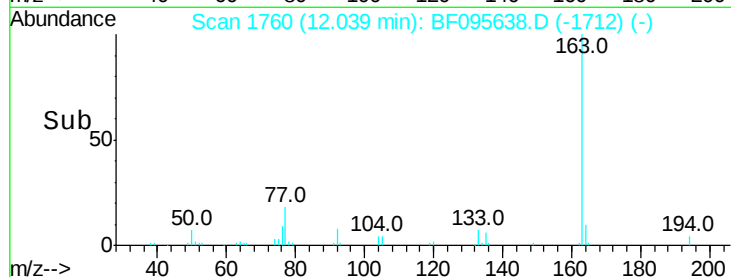
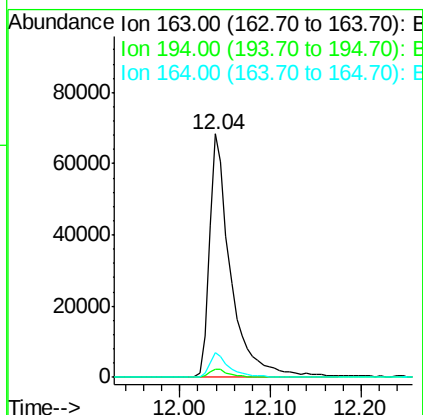
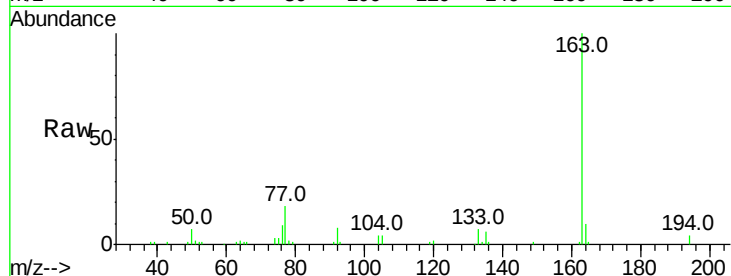




#49  
Dimethylphthalate  
Concen: 6.78 ng  
RT: 12.04 min Scan# 1760  
Delta R.T. -0.02 min  
Lab File: BF095638.D  
Acq: 2 Jun 2017 17:24

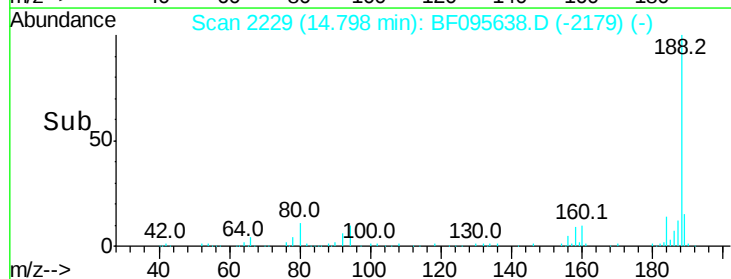
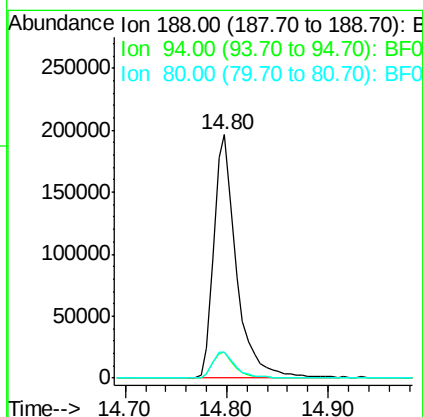
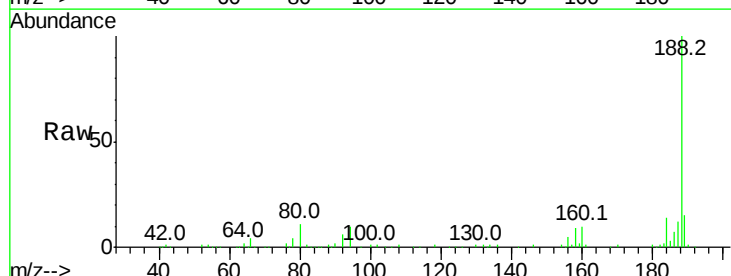
Instrument :  
BNA\_F  
ClientSampleId :

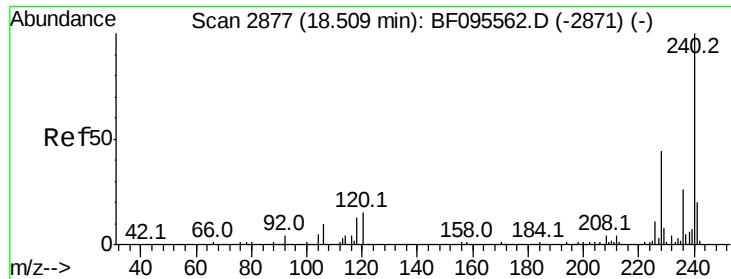
Tot Ion:163 Resp: 112143  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.6 4.0  
164 10.3 8.4 12.6



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.80 min Scan# 2229  
Delta R.T. -0.01 min  
Lab File: BF095638.D  
Acq: 2 Jun 2017 17:24

Tgt Ion:188 Resp: 304943  
Ion Ratio Lower Upper  
188 100  
94 10.5 9.4 14.2  
80 10.7 10.2 15.2

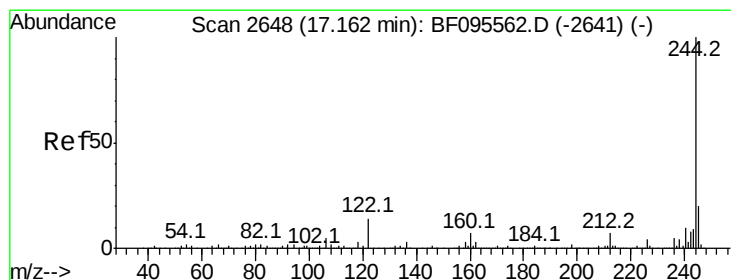
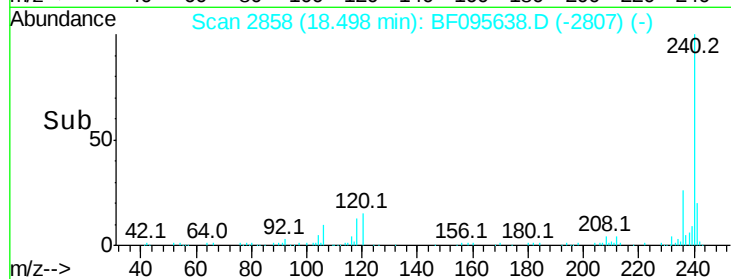
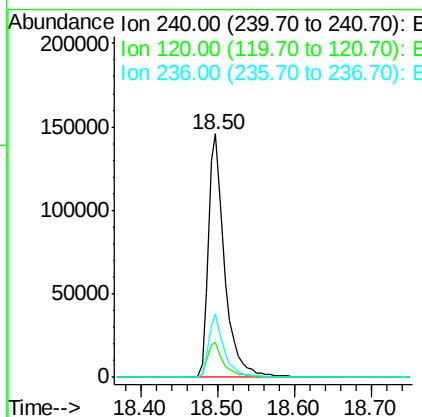
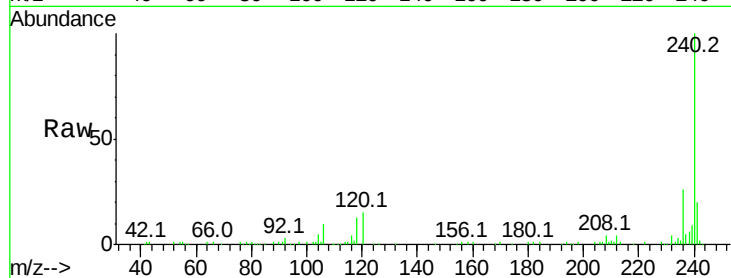




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.50 min Scan# 2858  
 Delta R.T. 0.00 min  
 Lab File: BF095638.D  
 Acq: 2 Jun 2017 17:24

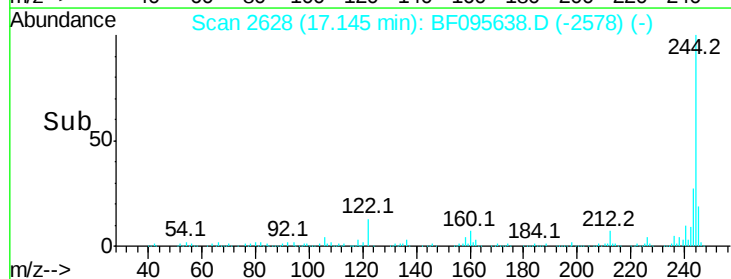
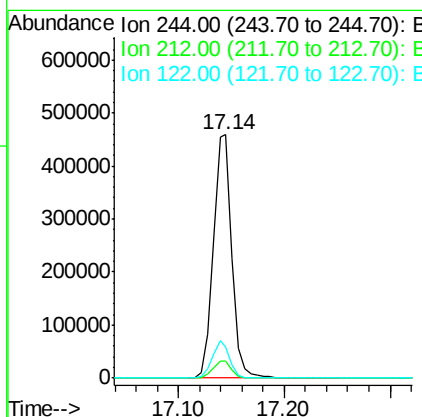
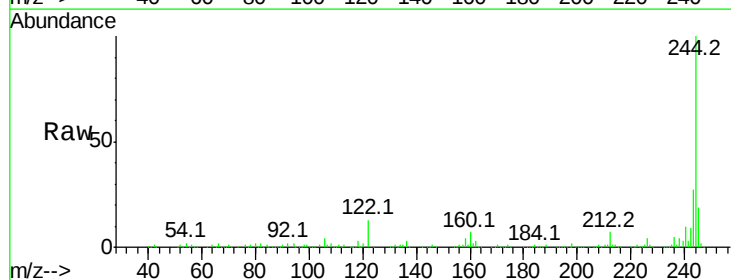
Instrument :  
 BNA\_F  
 ClientSampleId :

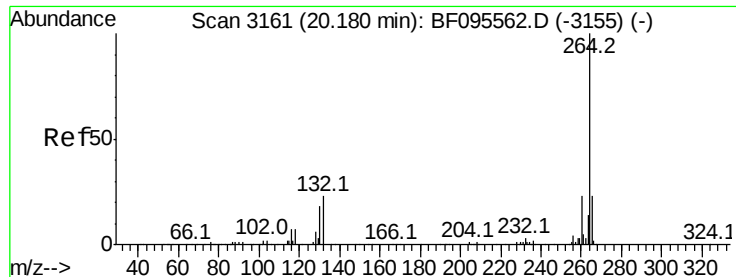
Tot Ion:240 Resp: 209808  
 Ion Ratio Lower Upper  
 240 100  
 120 14.5 5.8 8.8#  
 236 26.1 20.5 30.7



#78  
 Terphenyl-d14  
 Concen: 59.65 ng  
 RT: 17.14 min Scan# 2628  
 Delta R.T. -0.01 min  
 Lab File: BF095638.D  
 Acq: 2 Jun 2017 17:24

Tgt Ion:244 Resp: 568157  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.0 9.0  
 122 12.8 10.3 15.5

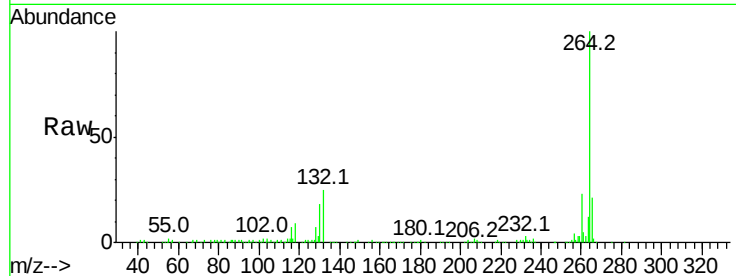




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 20.17 min Scan# 3142  
 Delta R.T. 0.00 min  
 Lab File: BF095638.D  
 Acq: 2 Jun 2017 17:24

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 19.5  | 29.3  |
| 265     | 21.5  | 17.2  | 25.8  |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

