

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\  
 Data File : BF082299.D  
 Acq On : 15 Oct 2015 10:07  
 Operator : UM/IZ  
 Sample : G4016-11  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CS-12

Quant Time: Oct 16 01:27:04 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 16 01:04:42 2015  
 Response via : Initial Calibration

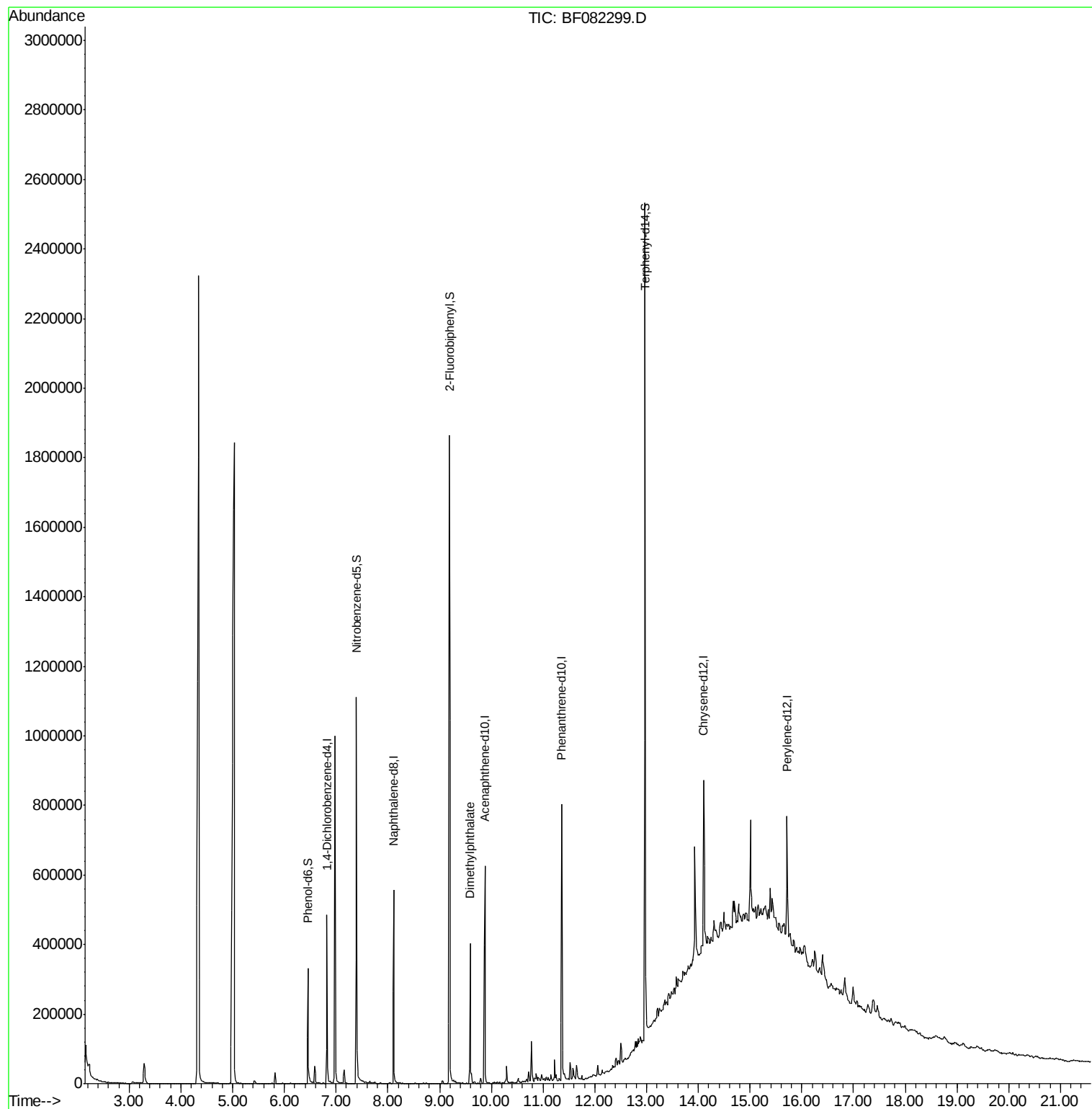
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.82  | 152  | 82777    | 20.00 | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.11  | 136  | 322540   | 20.00 | ng    | 0.00         |
| 38) Acenaphthene-d10        | 9.87  | 164  | 163148   | 20.00 | ng    | 0.00         |
| 63) Phenanthrene-d10        | 11.36 | 188  | 332135   | 20.00 | ng    | 0.00         |
| 75) Chrysene-d12            | 14.10 | 240  | 231430   | 20.00 | ng    | 0.01         |
| 86) Perylene-d12            | 15.72 | 264  | 185989   | 20.00 | ng    | 0.06         |
| System Monitoring Compounds |       |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.43  | 112  | 4926     | 1.20  | ng    | 0.01         |
| 7) Phenol-d6                | 6.46  | 99   | 157803   | 29.57 | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 412755   | 85.94 | ng    | -0.01        |
| 41) 2,4,6-Tribromophenol    | 0.00  | 330  | 0        | 0.00  | ng    |              |
| 44) 2-Fluorobiphenyl        | 9.19  | 172  | 784809   | 79.77 | ng    | -0.01        |
| 78) Terphenyl-d14           | 12.97 | 244  | 845322   | 96.79 | ng    | 0.00         |
| Target Compounds            |       |      |          |       |       |              |
| 49) Dimethylphthalate       | 9.59  | 163  | 165790   | 14.43 | ng    | Qvalue<br>99 |

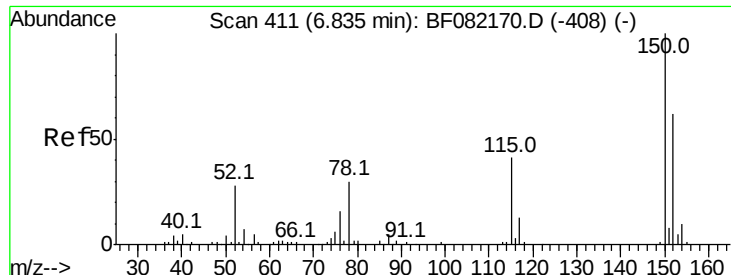
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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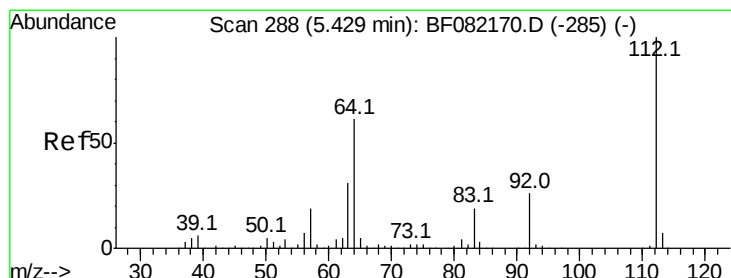
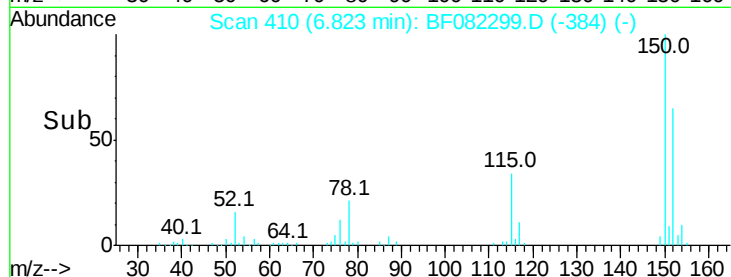
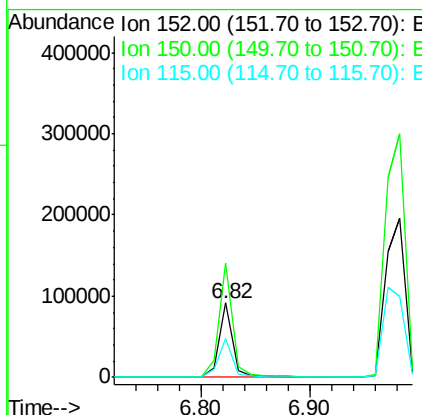
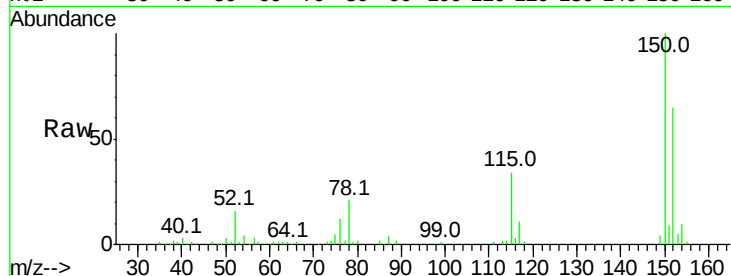


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.82 min Scan# 410  
Delta R.T. 0.00 min  
Lab File: BF082299.D  
Acq: 15 Oct 2015 10:07

Instrument :  
BNA\_F  
ClientSampleId :  
CS-12

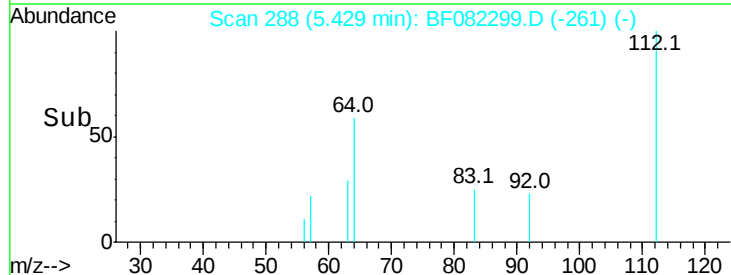
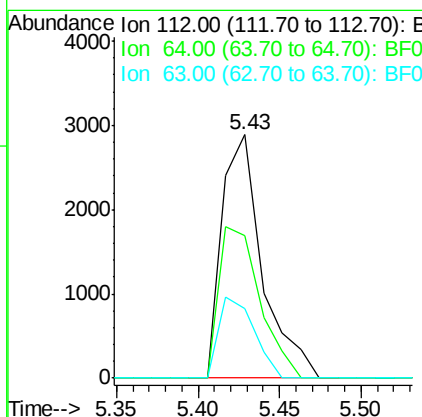
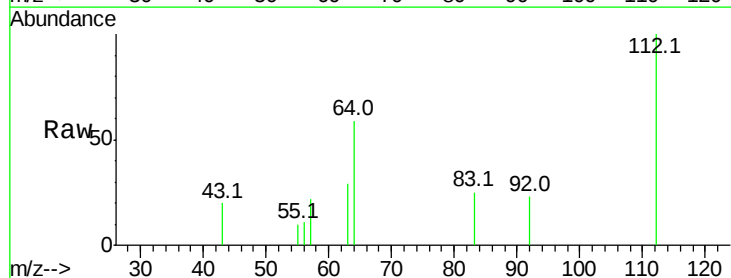
Tot Ion:152 Resp: 82777  
Ion Ratio Lower Upper  
152 100  
150 154.6 129.0 193.4  
115 52.9 52.1 78.1

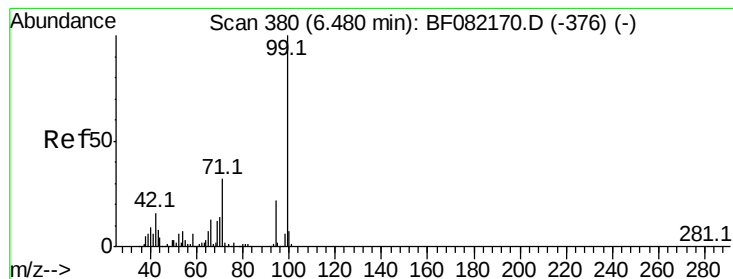


#5

2-Fluorophenol  
Concen: 1.20 ng  
RT: 5.43 min Scan# 288  
Delta R.T. 0.01 min  
Lab File: BF082299.D  
Acq: 15 Oct 2015 10:07

Tgt Ion:112 Resp: 4926  
Ion Ratio Lower Upper  
112 100  
64 58.8 48.6 73.0  
63 28.5 25.1 37.7





#7

Phenol-d6

Concen: 29.57 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Instrument :

BNA\_F

ClientSampleId :

CS-12

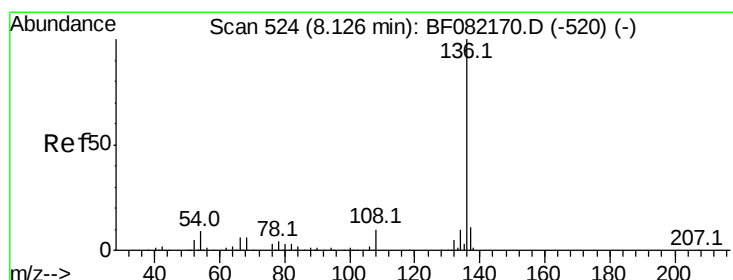
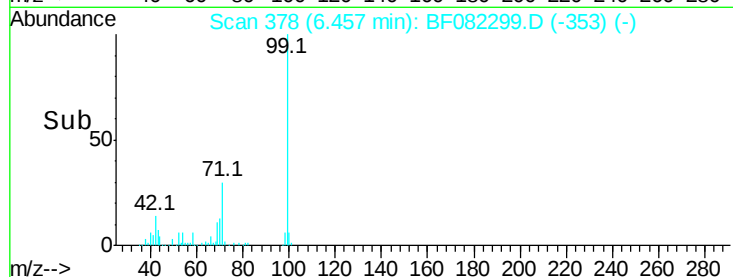
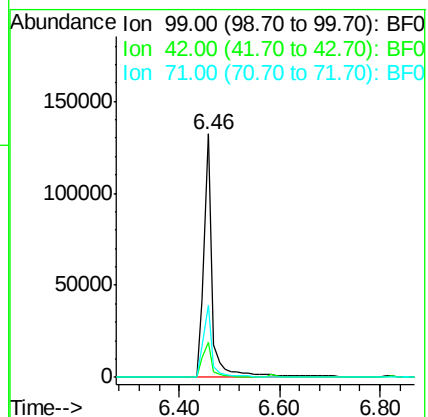
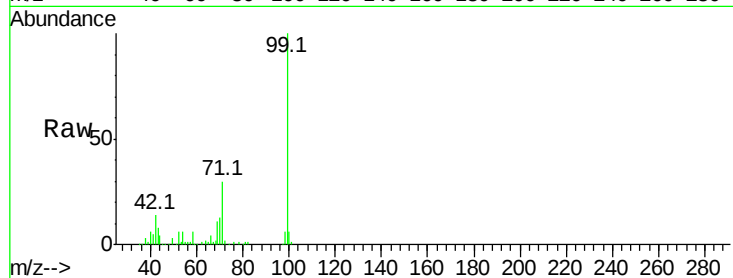
Tot Ion: 99 Resp: 157803

Ion Ratio Lower Upper

99 100

42 14.5 13.2 19.8

71 29.7 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Tgt Ion: 136 Resp: 322540

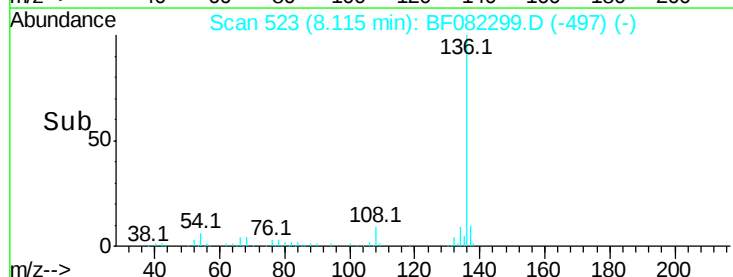
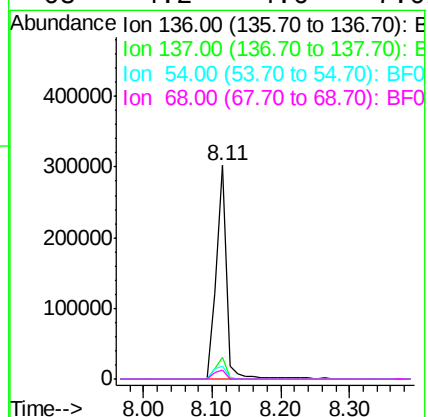
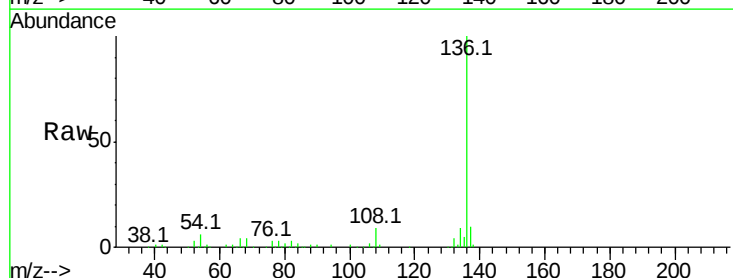
Ion Ratio Lower Upper

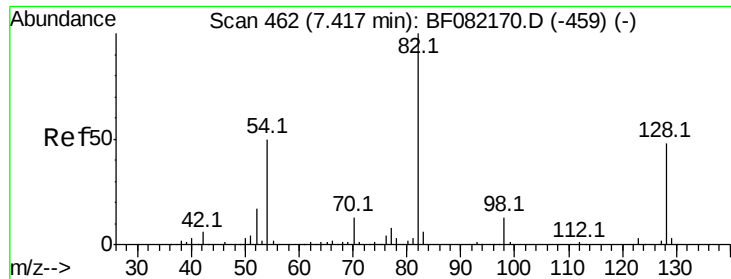
136 100

137 10.4 9.0 13.6

54 6.0 7.5 11.3#

68 4.2 4.6 7.0#

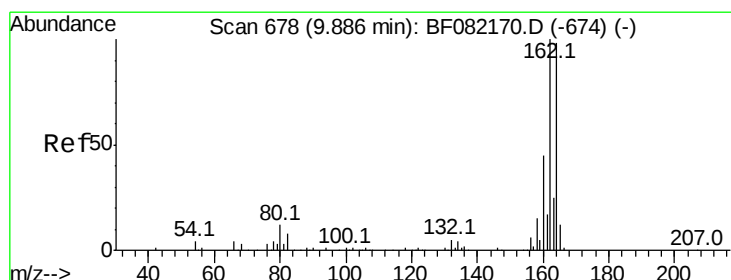
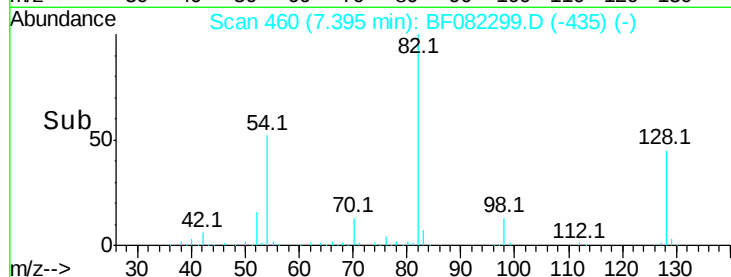
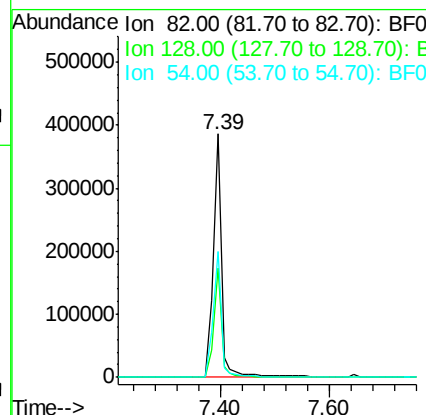
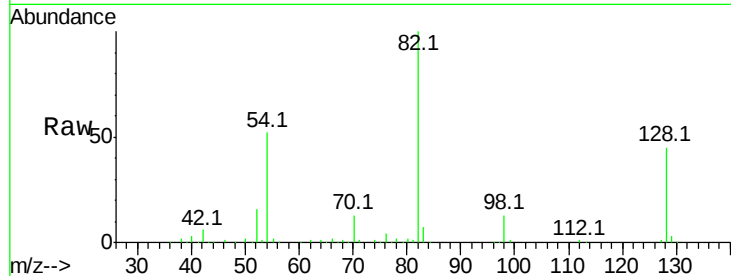




#23  
 Nitrobenzene-d5  
 Concen: 85.94 ng  
 RT: 7.39 min Scan# 460  
 Delta R.T. -0.01 min  
 Lab File: BF082299.D  
 Acq: 15 Oct 2015 10:07

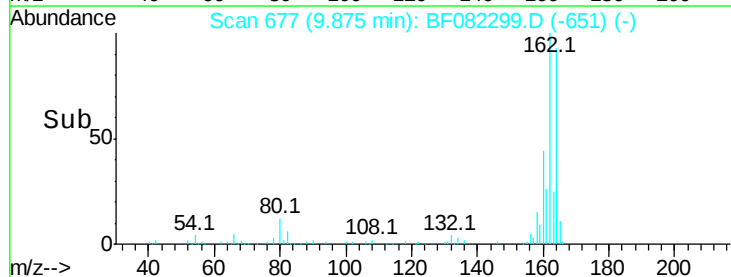
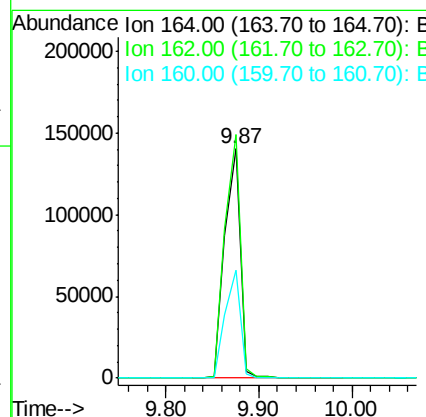
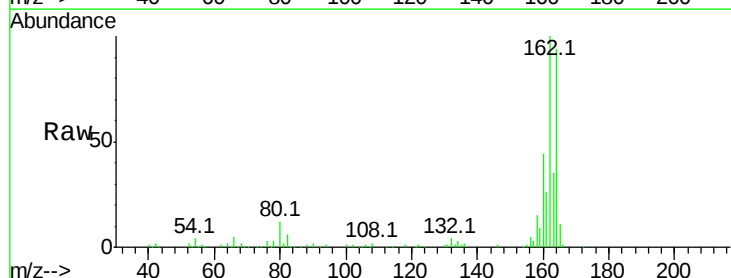
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CS-12

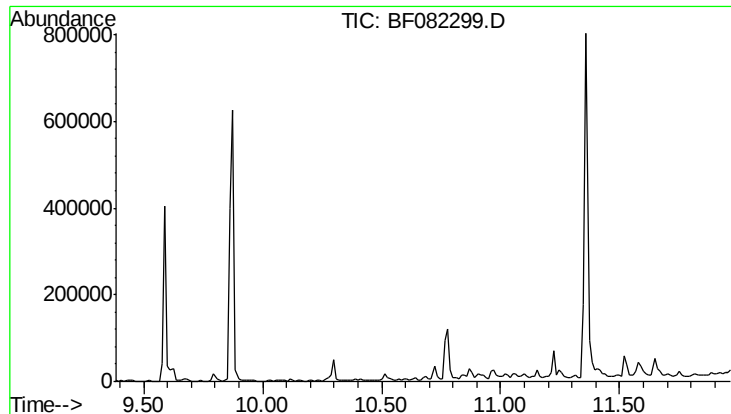
Tot Ion: 82 Resp: 412755  
 Ion Ratio Lower Upper  
 82 100  
 128 45.0 38.7 58.1  
 54 51.6 40.1 60.1



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.87 min Scan# 677  
 Delta R.T. 0.00 min  
 Lab File: BF082299.D  
 Acq: 15 Oct 2015 10:07

Tgt Ion:164 Resp: 163148  
 Ion Ratio Lower Upper  
 164 100  
 162 106.2 81.6 122.4  
 160 47.0 36.4 54.6

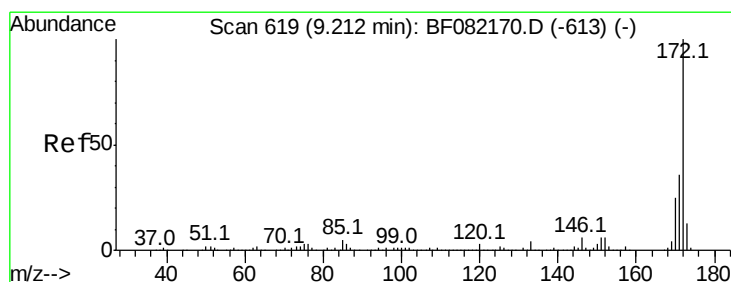
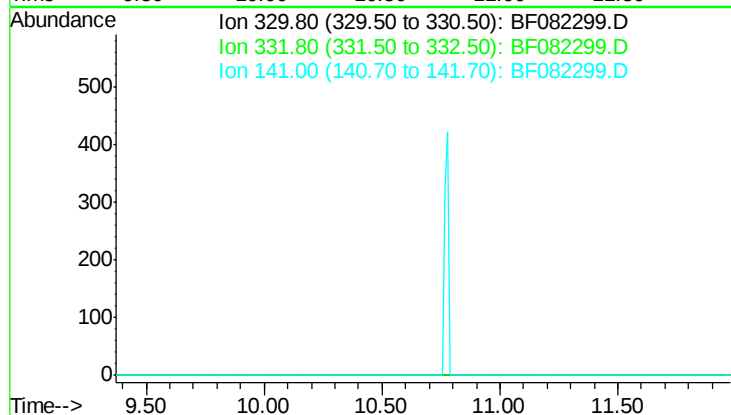




#41  
 2,4,6-Tribromophenol  
 Concen: 0.00 ng  
 Expected RT: 10.67 min  
 Lab File: BF082299.D  
 Acq: 15 Oct 2015 10:07

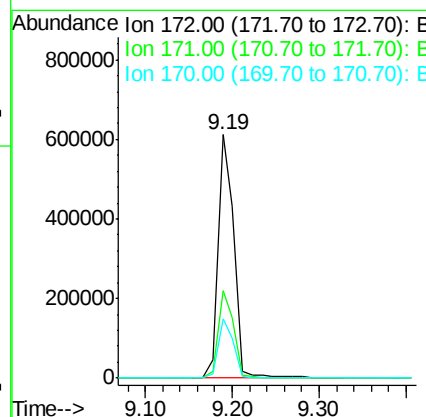
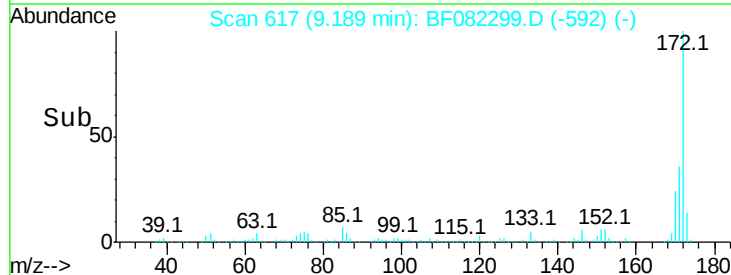
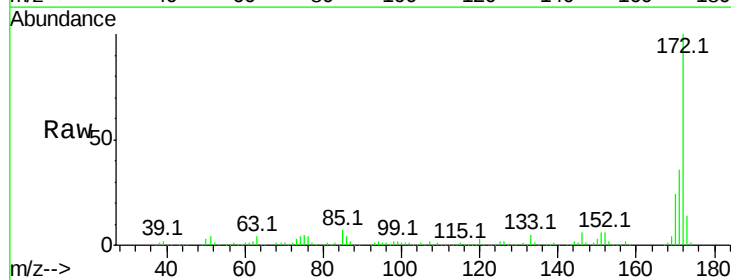
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CS-12

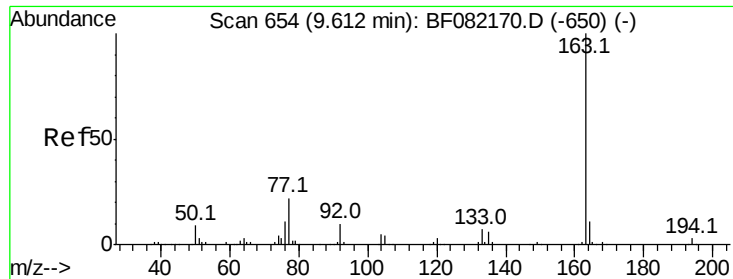
Tot Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.4  
 141 37.3



#44  
 2-Fluorobiphenyl  
 Concen: 79.77 ng  
 RT: 9.19 min Scan# 617  
 Delta R.T. -0.01 min  
 Lab File: BF082299.D  
 Acq: 15 Oct 2015 10:07

Tgt Ion: 172 Resp: 784809  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 28.6 42.8  
 170 24.2 19.7 29.5

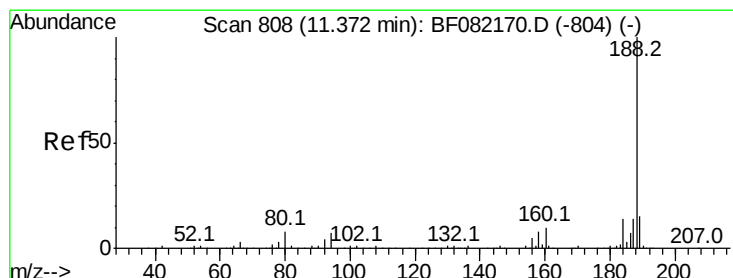
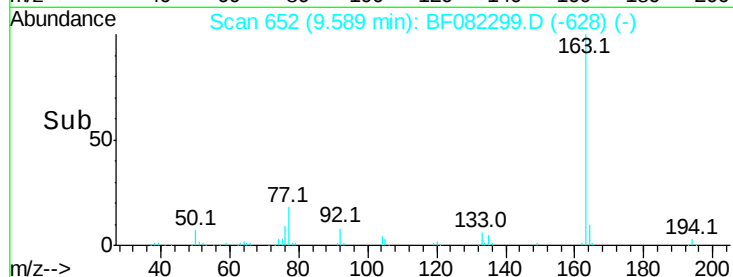
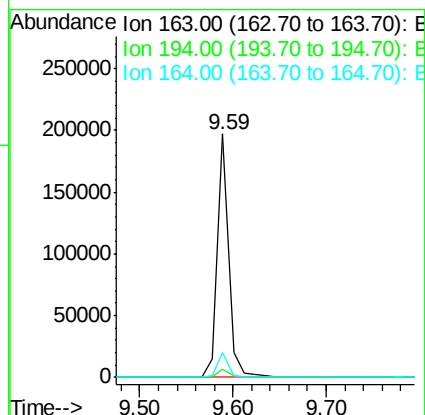
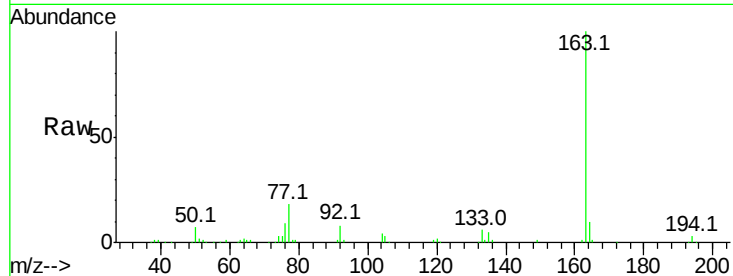




#49  
Dimethylphthalate  
Concen: 14.43 ng  
RT: 9.59 min Scan# 652  
Delta R.T. -0.02 min  
Lab File: BF082299.D  
Acq: 15 Oct 2015 10:07

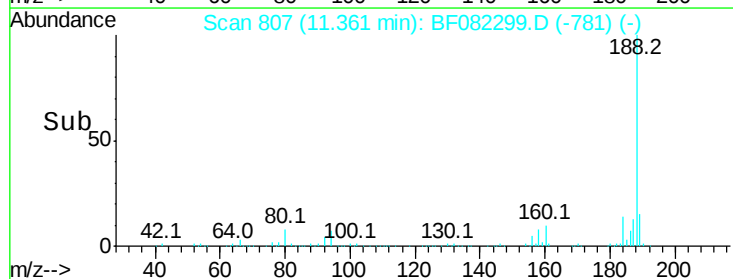
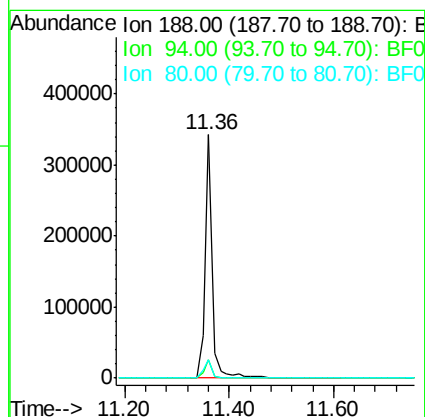
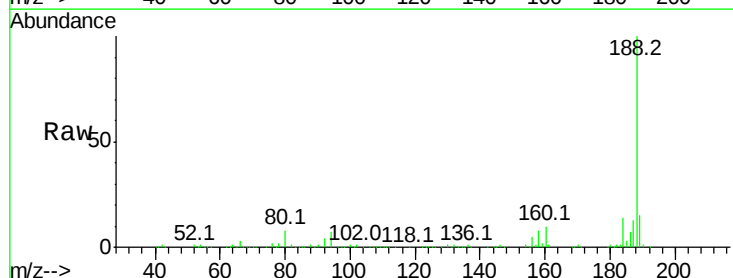
Instrument :  
BNA\_F  
ClientSampled :  
CS-12

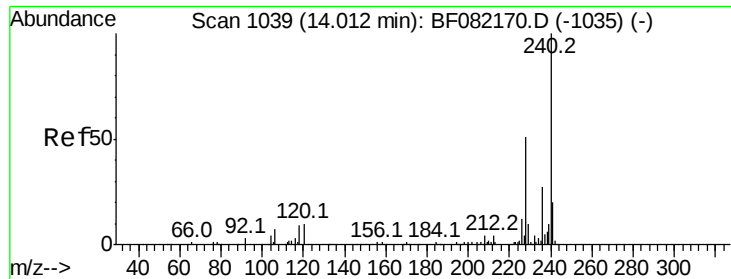
Tot Ion:163 Resp: 165790  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.6 4.0  
164 9.9 8.5 12.7



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.36 min Scan# 807  
Delta R.T. 0.00 min  
Lab File: BF082299.D  
Acq: 15 Oct 2015 10:07

Tgt Ion:188 Resp: 332135  
Ion Ratio Lower Upper  
188 100  
94 7.4 5.8 8.6  
80 7.5 6.4 9.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Instrument :

BNA\_F

ClientSampleId :

CS-12

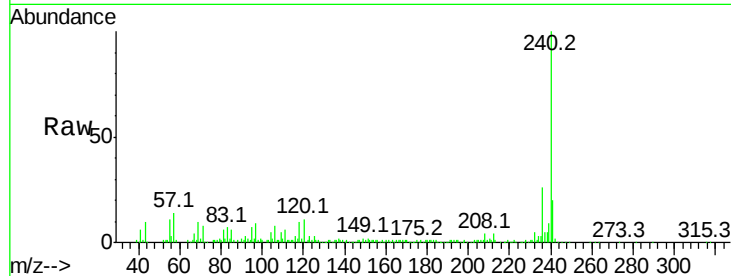
Tot Ion:240 Resp: 231430

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

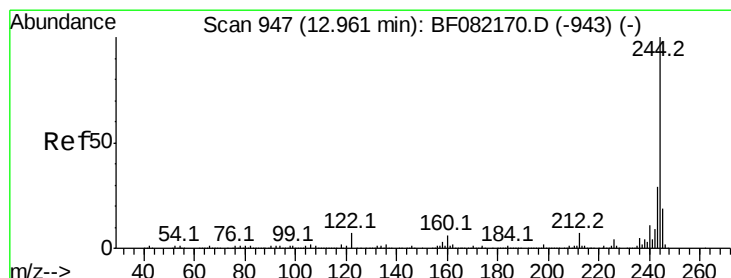
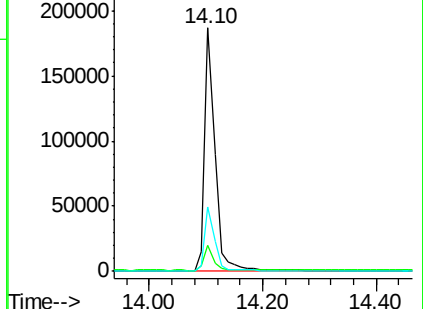
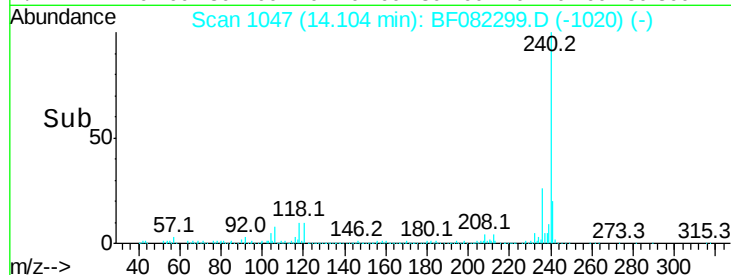
236 26.4 21.3 31.9



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



#78

Terphenyl-d14

Concen: 96.79 ng

RT: 12.97 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

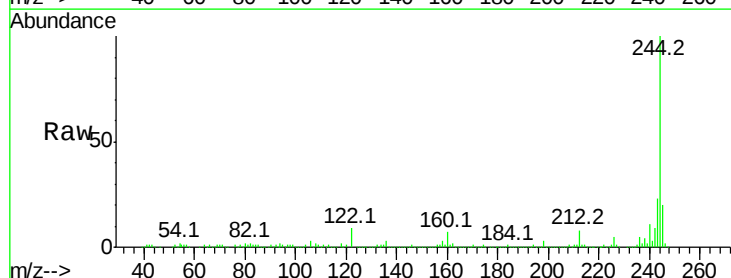
Tgt Ion:244 Resp: 845322

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

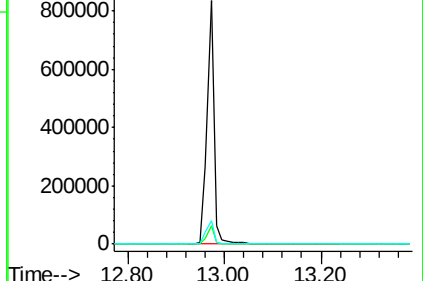
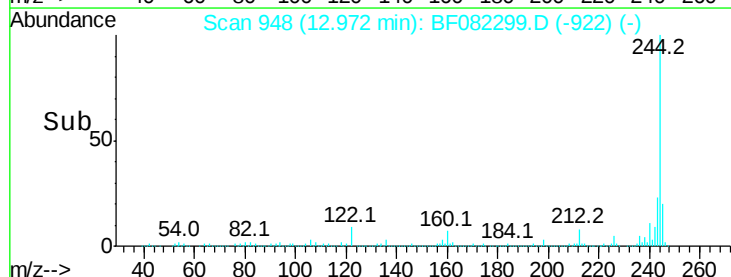
122 9.5 5.9 8.9#

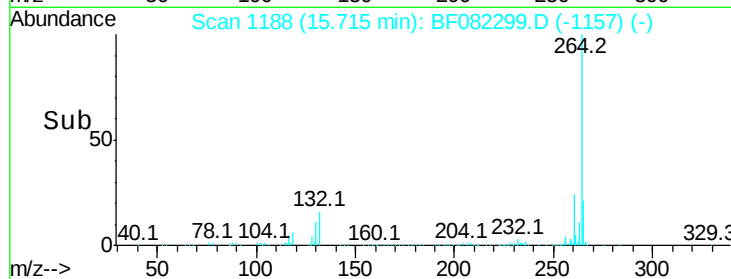
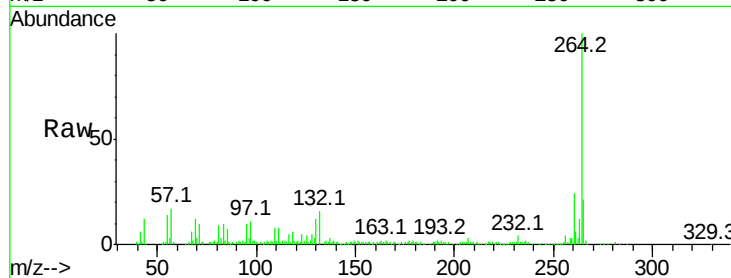
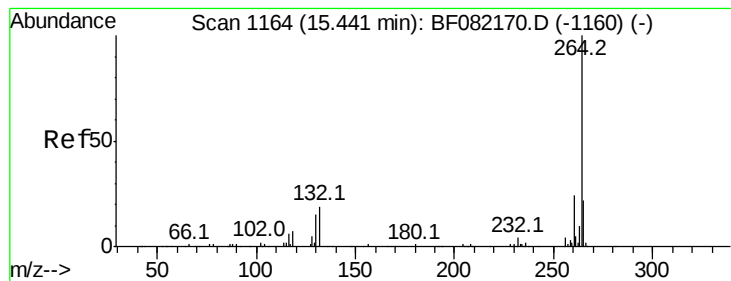


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.72 min Scan# 1188

Delta R.T. 0.06 min

Lab File: BF082299.D

Acq: 15 Oct 2015 10:07

Instrument :

BNA\_F

ClientSampleId :

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Tot Ion:264 Resp: 185989

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.0 17.3 25.9

