

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032816\  
 Data File : BF085830.D  
 Acq On : 29 Mar 2016 4:45  
 Operator : UM/SJ  
 Sample : H1942-12  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-932SCOMP

Quant Time: Mar 29 06:55:34 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 28 15:27:05 2016  
 Response via : Initial Calibration

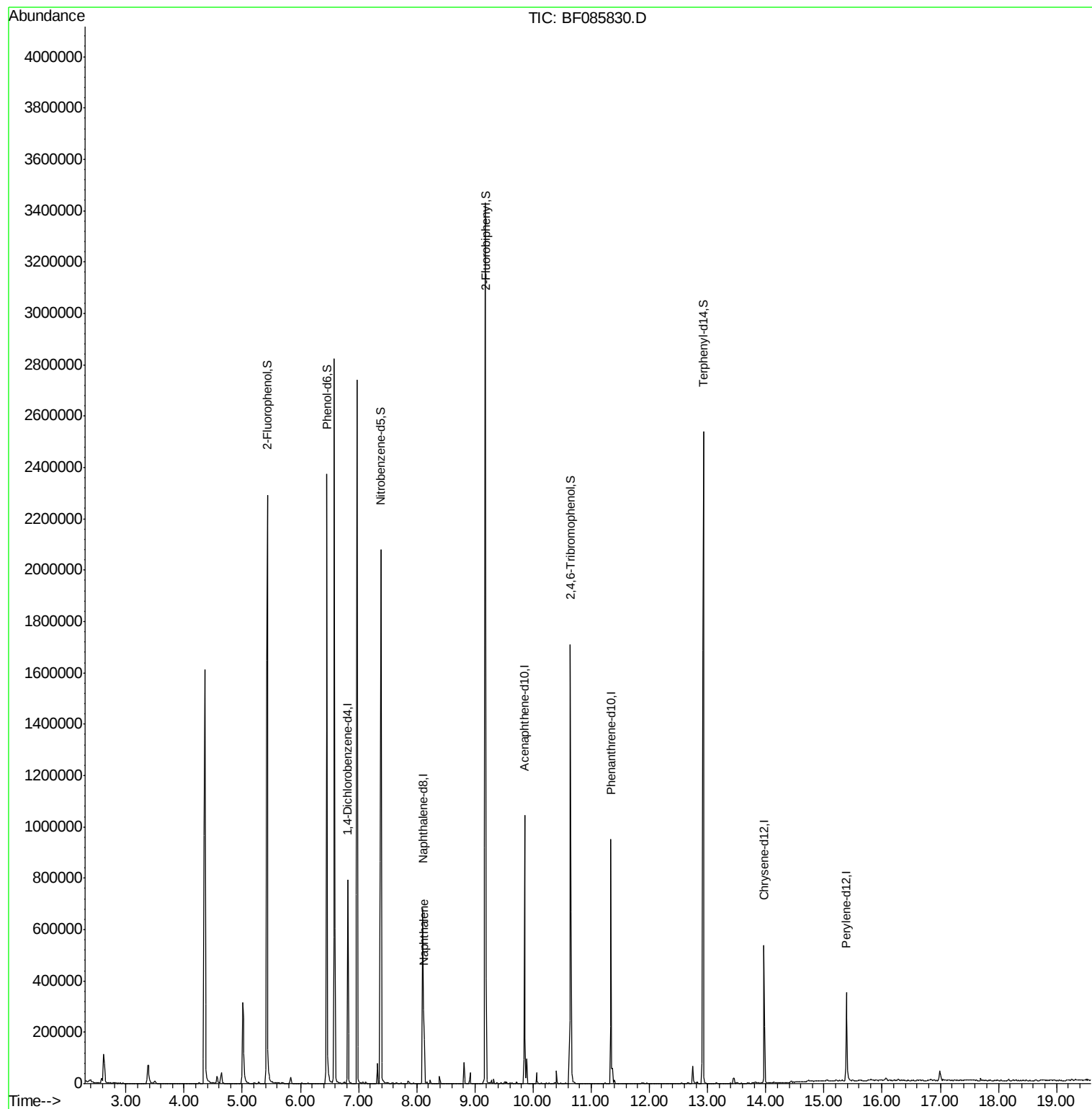
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 116839   | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 8.10  | 136  | 437606   | 20.00  | ng    | -0.01        |
| 38) Acenaphthene-d10        | 9.85  | 164  | 191209   | 20.00  | ng    | -0.01        |
| 63) Phenanthrene-d10        | 11.34 | 188  | 342491   | 20.00  | ng    | -0.01        |
| 75) Chrysene-d12            | 13.97 | 240  | 199300   | 20.00  | ng    | -0.01        |
| 86) Perylene-d12            | 15.39 | 264  | 162303   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.43  | 112  | 915460   | 130.49 | ng    | 0.02         |
| 7) Phenol-d6                | 6.46  | 99   | 1053662  | 118.13 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 765045   | 98.45  | ng    | -0.01        |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330  | 245367   | 135.06 | ng    | -0.01        |
| 44) 2-Fluorobiphenyl        | 9.18  | 172  | 1108392  | 96.85  | ng    | -0.01        |
| 78) Terphenyl-d14           | 12.93 | 244  | 1005076  | 103.71 | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 31) Naphthalene             | 8.12  | 128  | 161439   | 7.32   | ng    | Qvalue<br>98 |

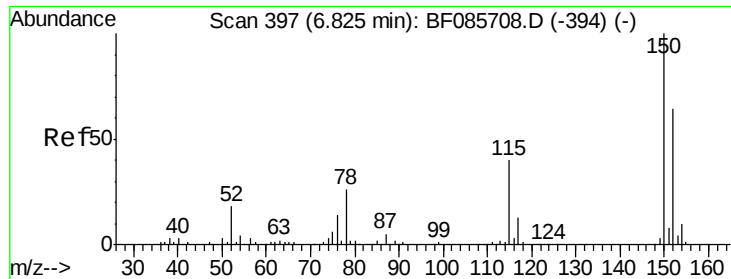
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 28 15:27:05 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

Instrument :

BNA\_F

ClientSampleId :

B-932SCOMP

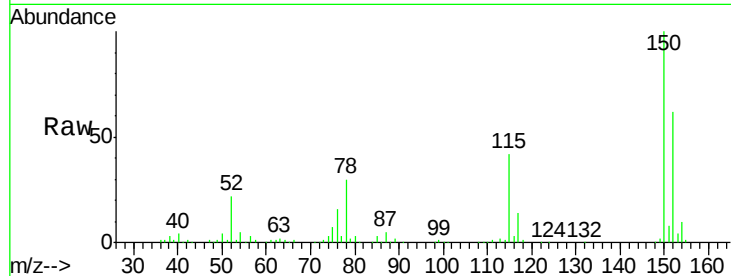
Tgt Ion:152 Resp: 116839

Ion Ratio Lower Upper

152 100

150 160.2 124.2 186.2

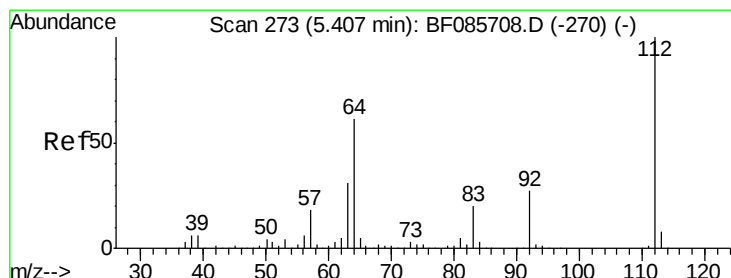
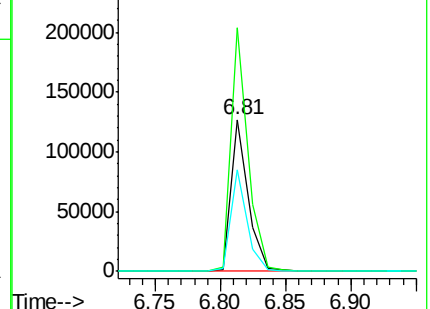
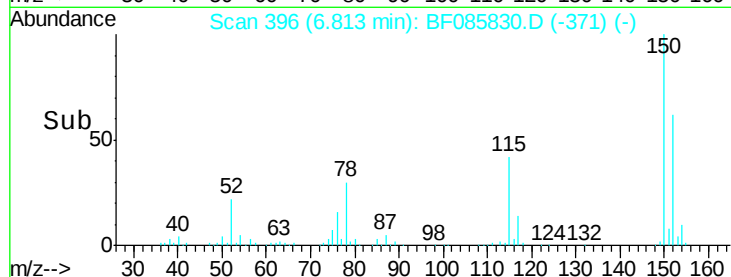
115 67.2 47.0 70.6



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: 130.49 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

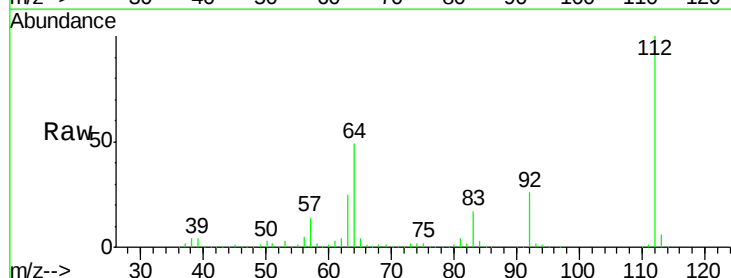
Tgt Ion:112 Resp: 915460

Ion Ratio Lower Upper

112 100

64 48.5 39.9 59.9

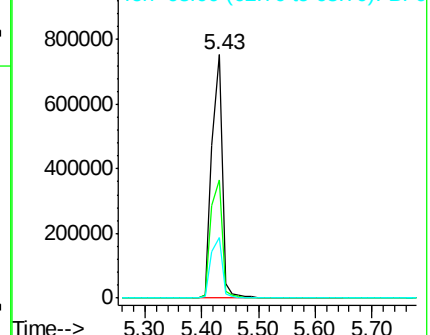
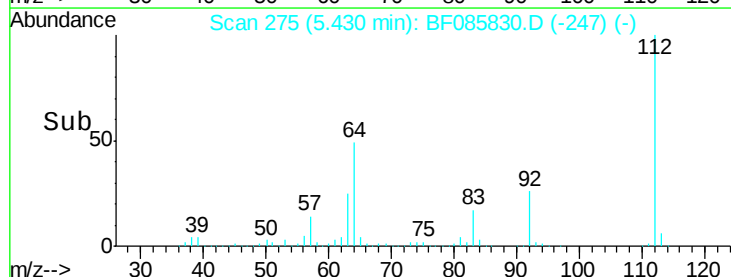
63 24.6 20.2 30.2



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: 118.13 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

Instrument :

BNA\_F

ClientSampleId :

B-932SCOMP

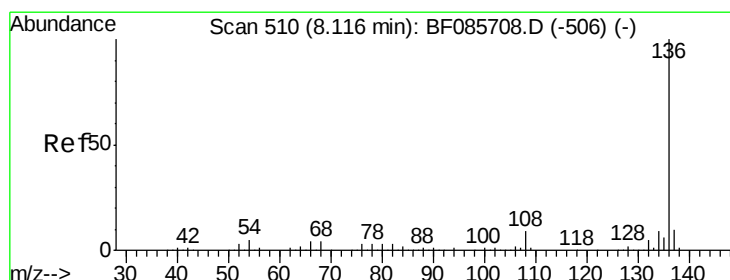
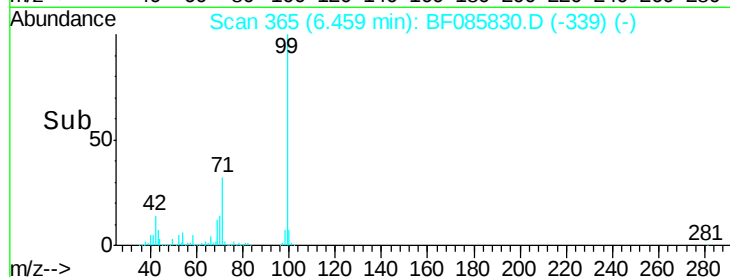
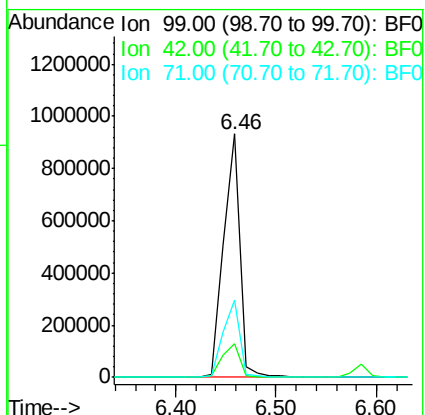
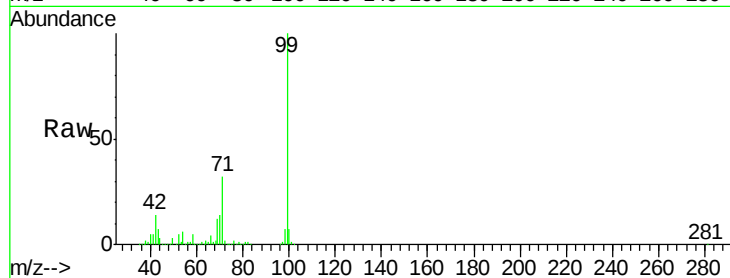
Tgt Ion: 99 Resp: 1053662

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

71 31.8 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085830.D

Acq: 29 Mar 2016 4:45

Tgt Ion: 136 Resp: 437606

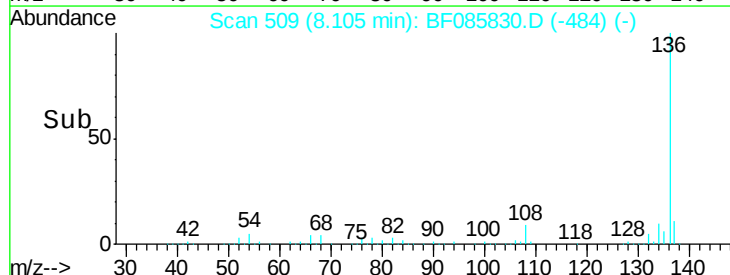
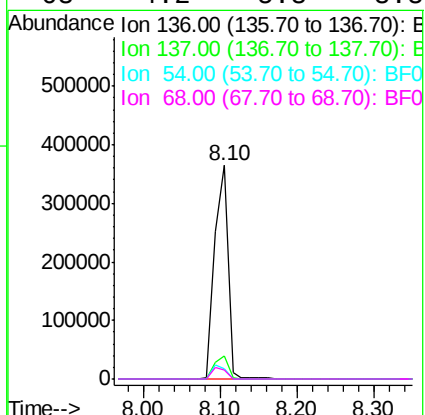
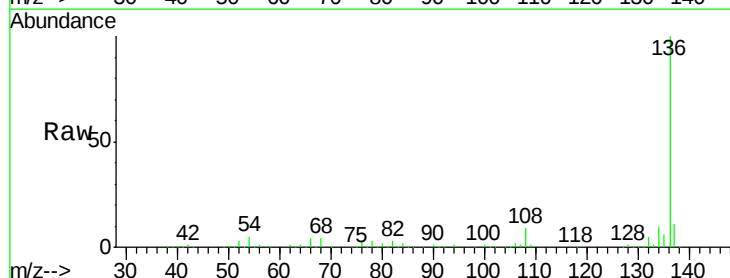
Ion Ratio Lower Upper

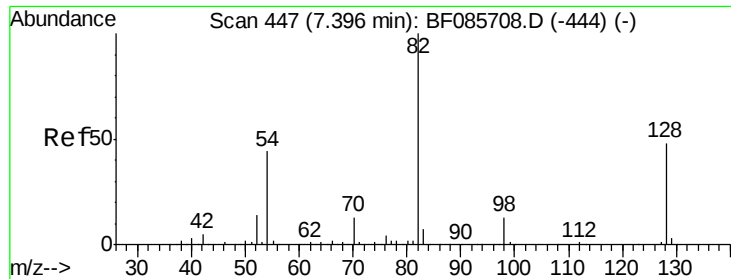
136 100

137 10.6 9.1 13.7

54 4.8 7.4 11.0#

68 4.2 5.8 8.8#

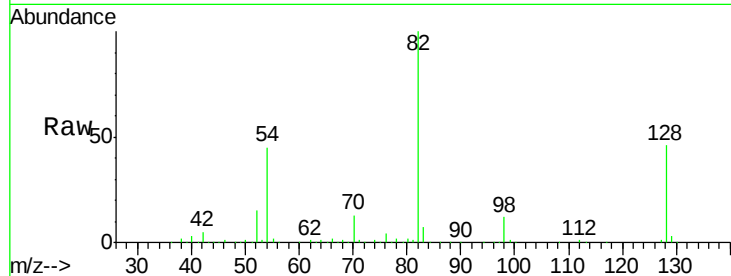




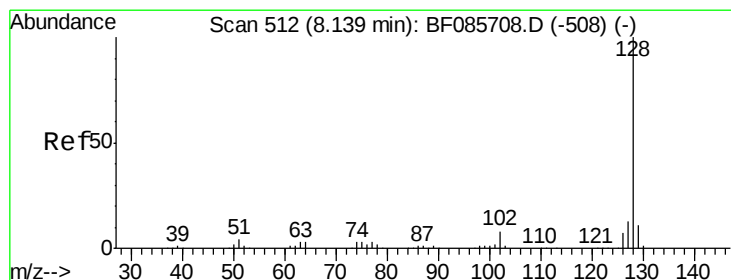
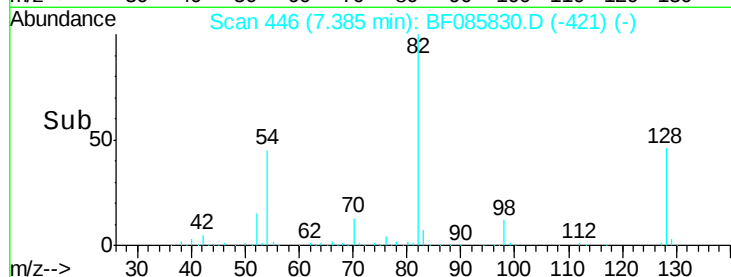
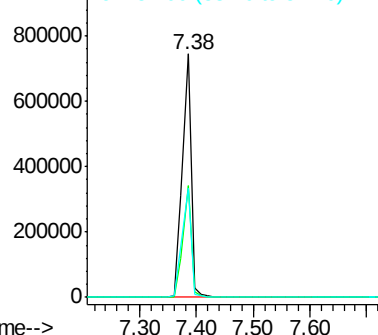
#23  
Nitrobenzene-d5  
Concen: 98.45 ng  
RT: 7.38 min Scan# 446  
Delta R.T. -0.01 min  
Lab File: BF085830.D  
Acq: 29 Mar 2016 4:45

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 82 Resp: 765045  
Ion Ratio Lower Upper  
82 100  
128 46.0 41.8 62.8  
54 44.9 33.4 50.0

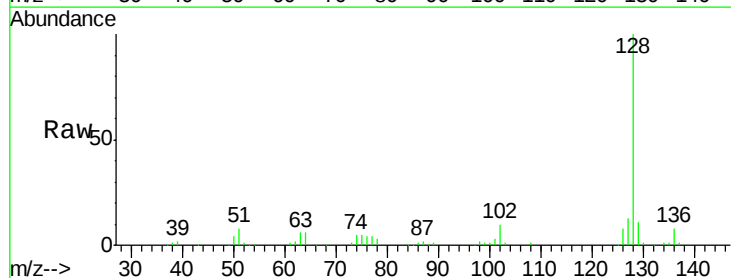


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF0

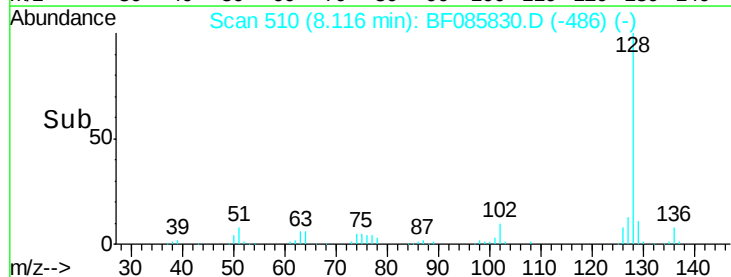
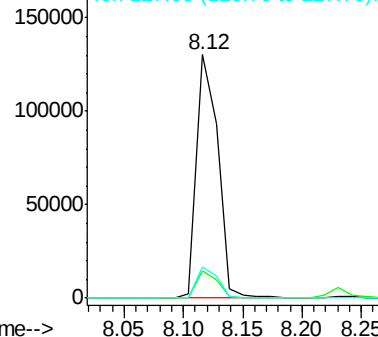


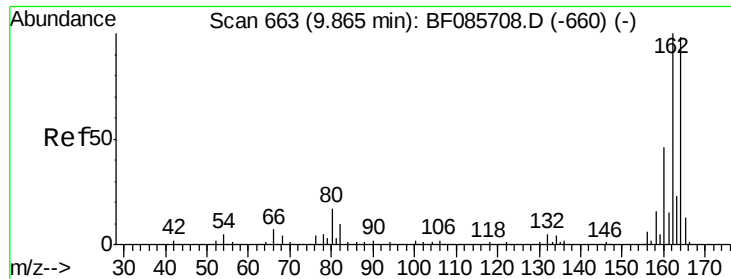
#31  
Naphthalene  
Concen: 7.32 ng  
RT: 8.12 min Scan# 510  
Delta R.T. -0.02 min  
Lab File: BF085830.D  
Acq: 29 Mar 2016 4:45

Tgt Ion: 128 Resp: 161439  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.4 14.0  
127 12.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

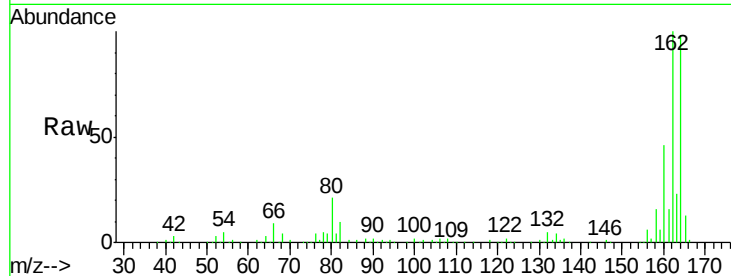




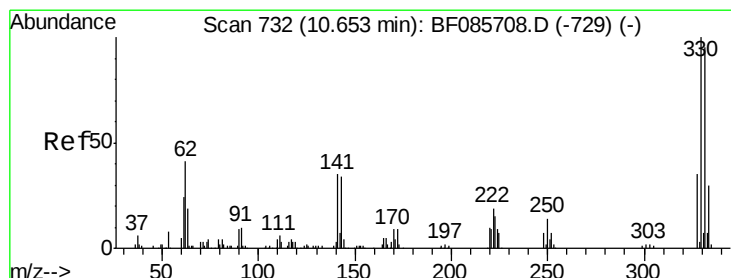
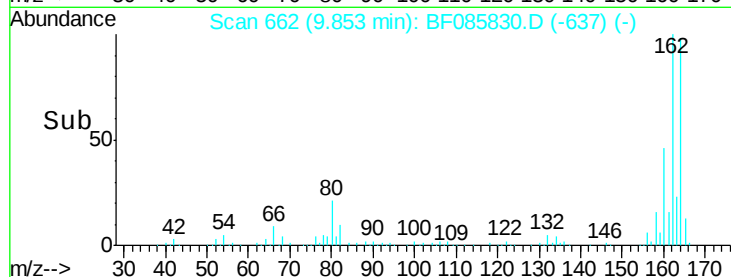
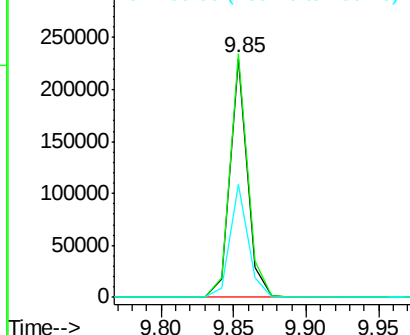
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.85 min Scan# 662  
 Delta R.T. -0.01 min  
 Lab File: BF085830.D  
 Acq: 29 Mar 2016 4:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-932SCOMP

Tgt Ion:164 Resp: 191209  
 Ion Ratio Lower Upper  
 164 100  
 162 101.9 82.1 123.1  
 160 47.1 37.4 56.2

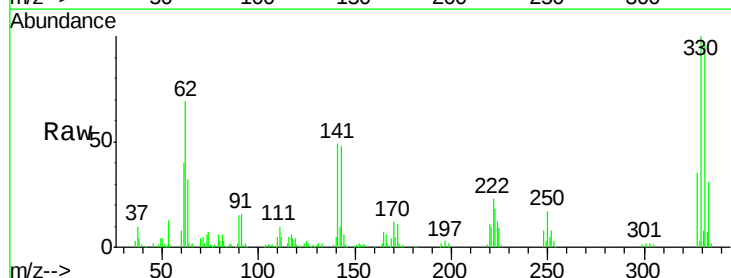


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

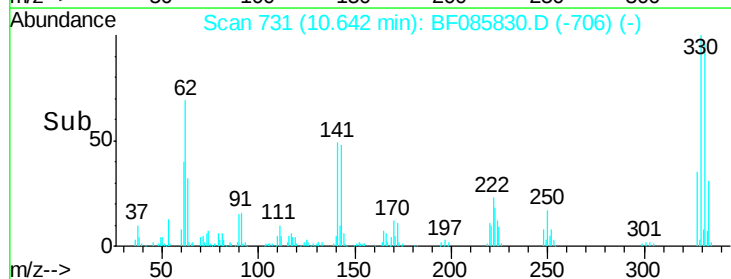
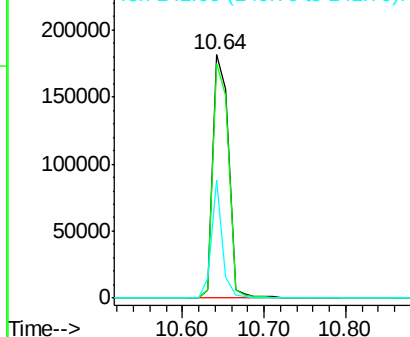


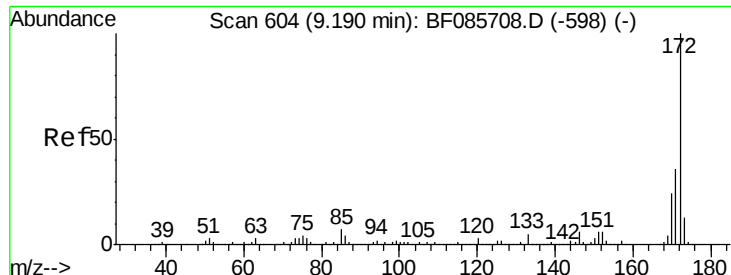
#41  
 2,4,6-Tribromophenol  
 Concen: 135.06 ng  
 RT: 10.64 min Scan# 731  
 Delta R.T. -0.01 min  
 Lab File: BF085830.D  
 Acq: 29 Mar 2016 4:45

Tgt Ion:330 Resp: 245367  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 78.2 117.2  
 141 34.5 31.5 47.3



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

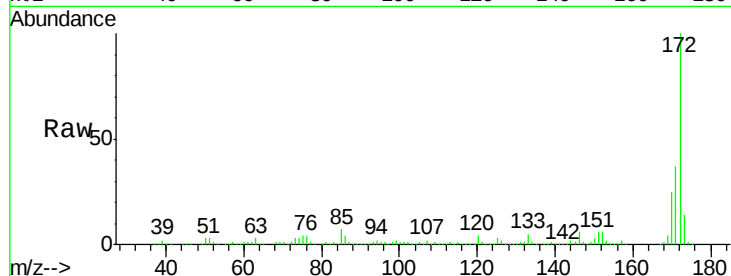




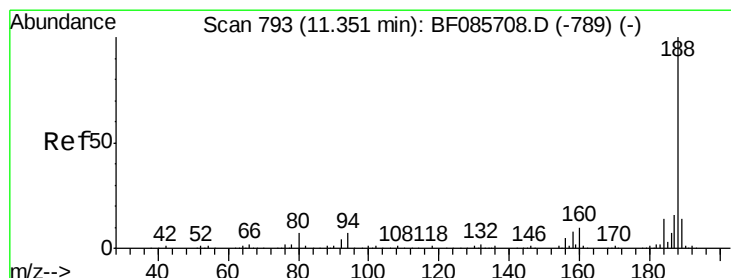
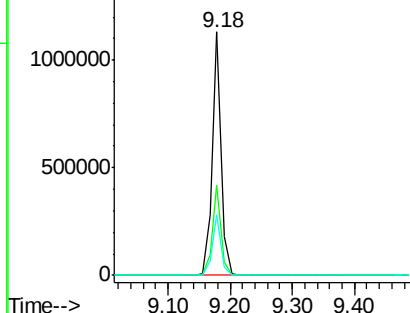
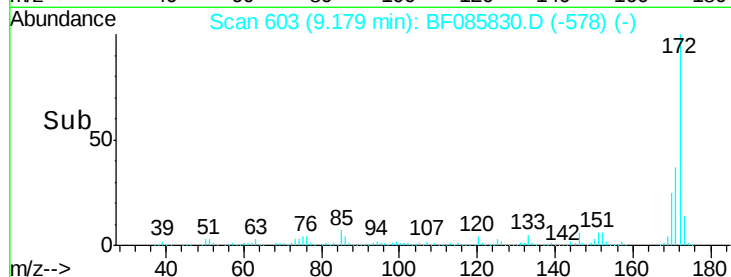
#44  
 2-Fluorobiphenyl  
 Concen: 96.85 ng  
 RT: 9.18 min Scan# 603  
 Delta R.T. -0.01 min  
 Lab File: BF085830.D  
 Acq: 29 Mar 2016 4:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-932SCOMP

Tgt Ion:172 Resp: 1108392  
 Ion Ratio Lower Upper  
 172 100  
 171 37.2 29.4 44.2  
 170 24.9 19.8 29.6

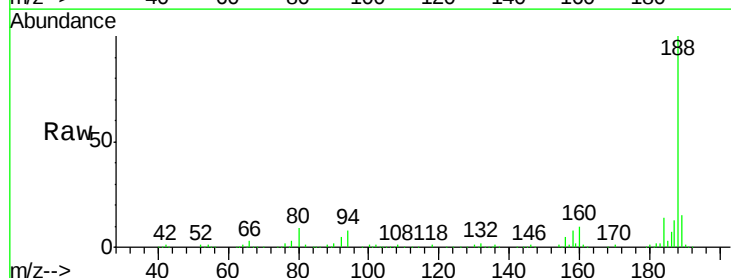


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

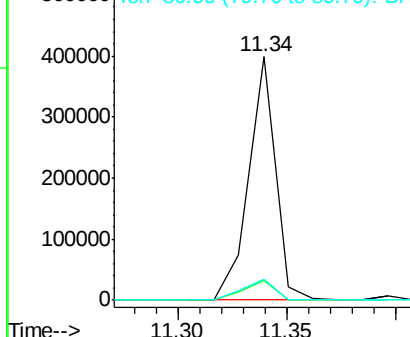
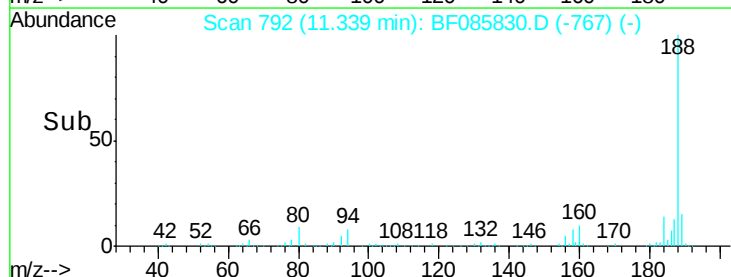


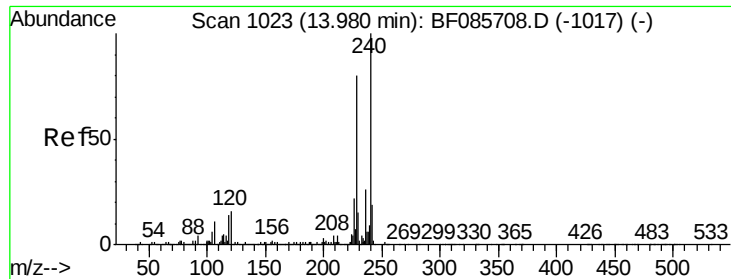
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.34 min Scan# 792  
 Delta R.T. -0.01 min  
 Lab File: BF085830.D  
 Acq: 29 Mar 2016 4:45

Tgt Ion:188 Resp: 342491  
 Ion Ratio Lower Upper  
 188 100  
 94 8.3 5.4 8.0#  
 80 8.6 5.5 8.3#



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

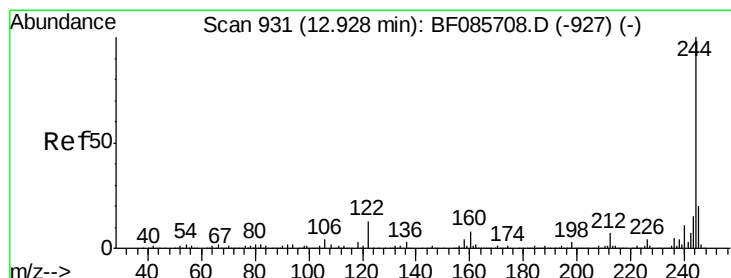
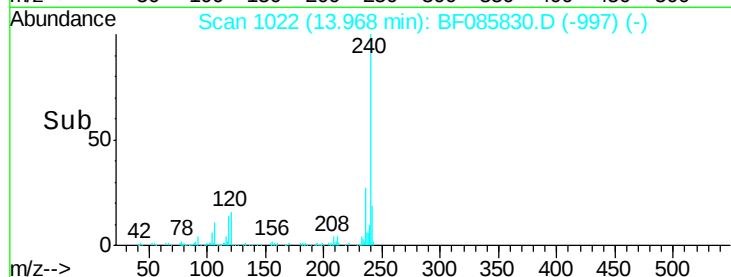
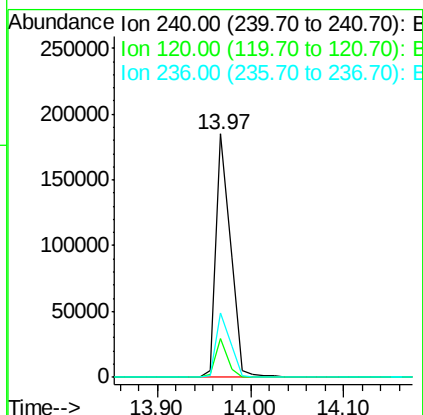
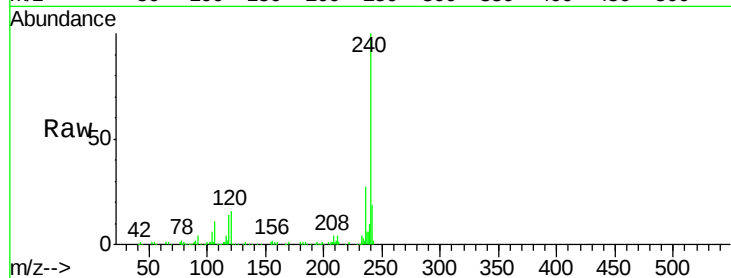




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.97 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BF085830.D  
Acq: 29 Mar 2016 4:45

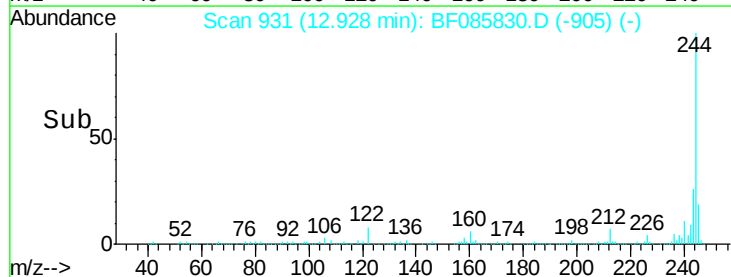
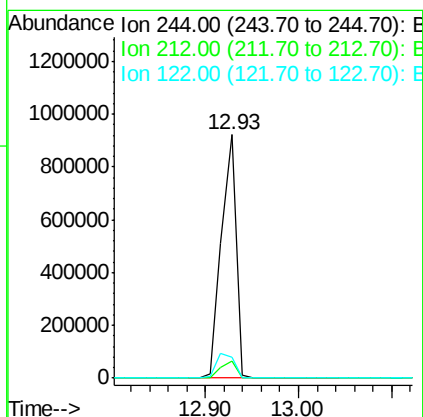
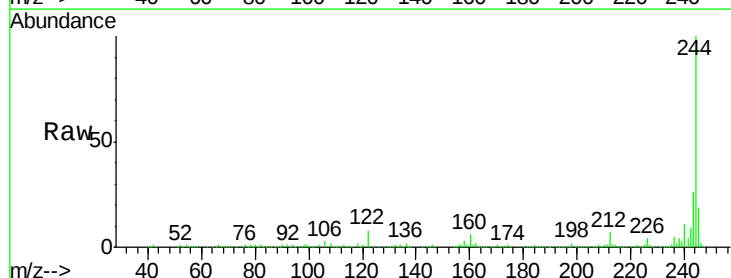
Instrument :  
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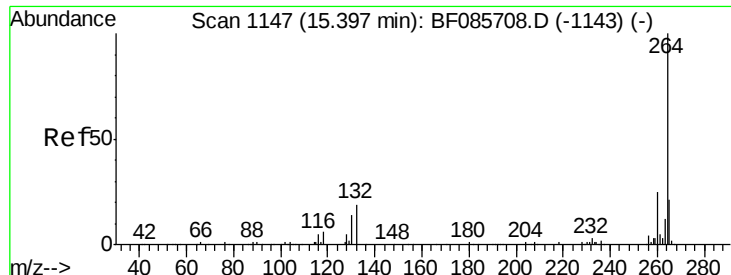
Tgt Ion:240 Resp: 199300  
Ion Ratio Lower Upper  
240 100  
120 15.9 13.8 20.8  
236 26.6 20.6 30.8



#78  
Terphenyl-d14  
Concen: 103.71 ng  
RT: 12.93 min Scan# 931  
Delta R.T. -0.00 min  
Lab File: BF085830.D  
Acq: 29 Mar 2016 4:45

Tgt Ion:244 Resp: 1005076  
Ion Ratio Lower Upper  
244 100  
212 6.8 6.1 9.1  
122 8.5 10.2 15.4#

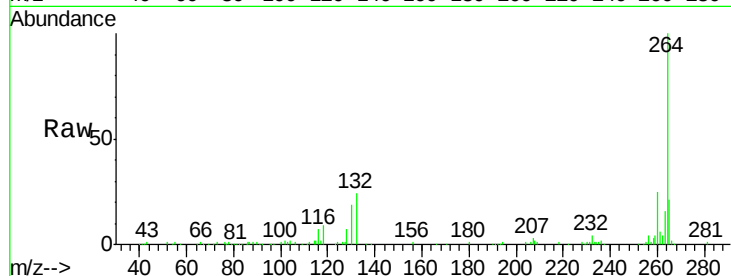




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.39 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BF085830.D  
Acq: 29 Mar 2016 4:45

Instrument :  
BNA\_F  
ClientSampleId :  
B-932SCOMP

Tgt Ion: 264 Resp: 162303  
Ion Ratio Lower Upper  
264 100  
260 24.8 19.4 29.2  
265 21.4 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

