

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
 Data File : BF087850.D
 Acq On : 9 Jun 2016 14:07
 Operator : UM/SJ
 Sample : H3477-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1300-04-SW-06072016

Quant Time: Jun 09 15:39:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

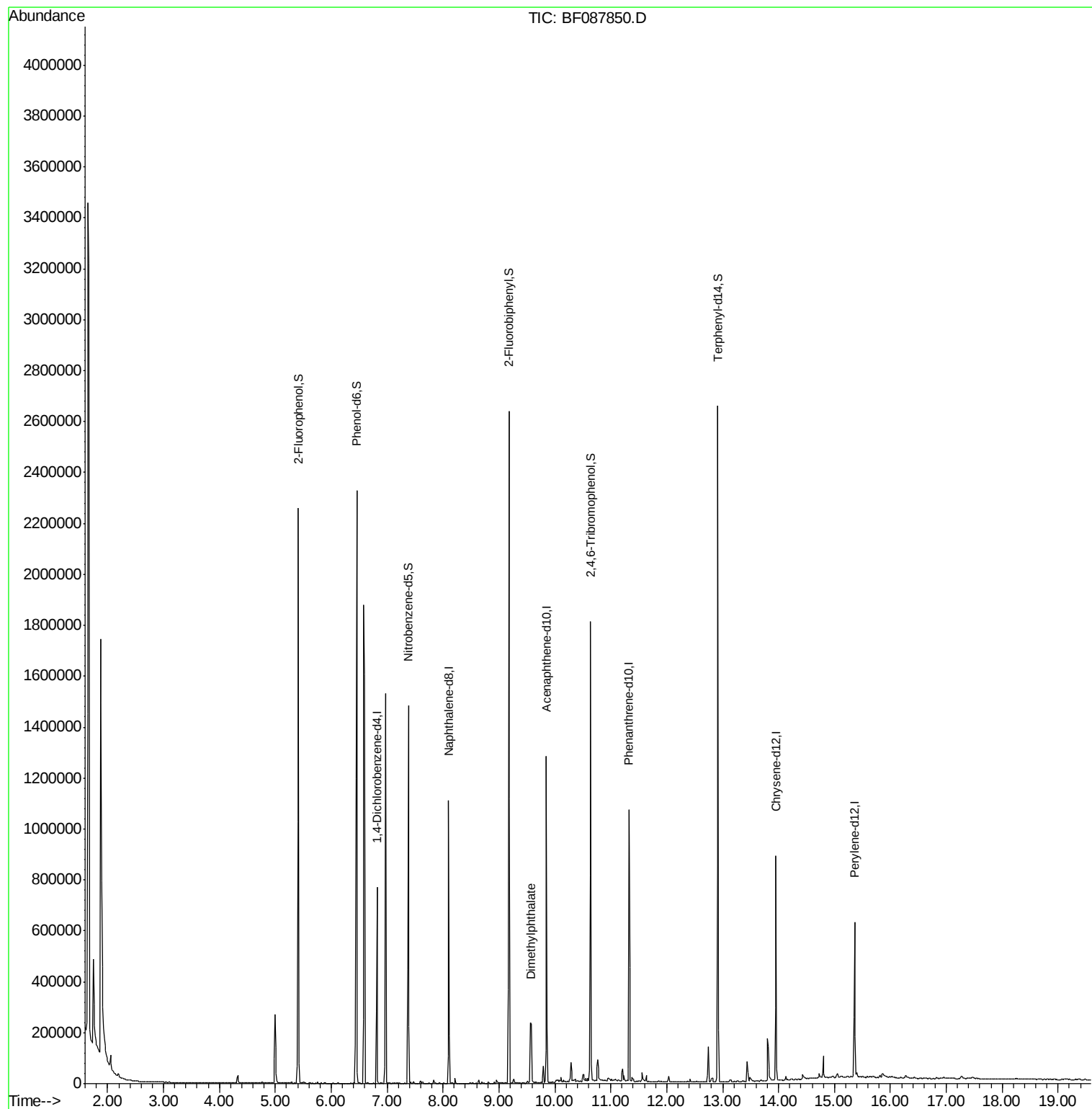
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	128612	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	487420	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	236480	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	424728	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	291250	20.00	ng	-0.03
86) Perylene-d12	15.36	264	255995	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	704496	93.64	ng	-0.01
7) Phenol-d6	6.46	99	955119	104.76	ng	-0.02
23) Nitrobenzene-d5	7.38	82	515927	61.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	231471	92.70	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1000136	65.15	ng	-0.03
78) Terphenyl-d14	12.91	244	821007	64.15	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.58	163	154078	8.99	ng	Qvalue 97

(#) = 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# 458

Delta R.T. -0.02 min

Lab File: BF087850.D

Acq: 9 Jun 2016 14:07

Instrument :

BNA_F

ClientSampleId :

1300-04-SW-06072016

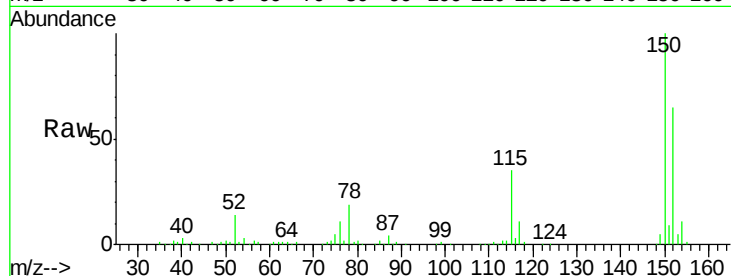
Tot Ion:152 Resp: 128612

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

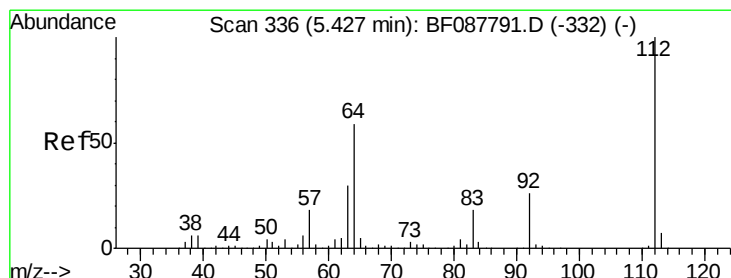
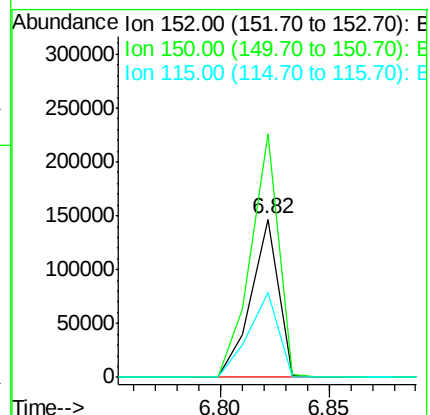
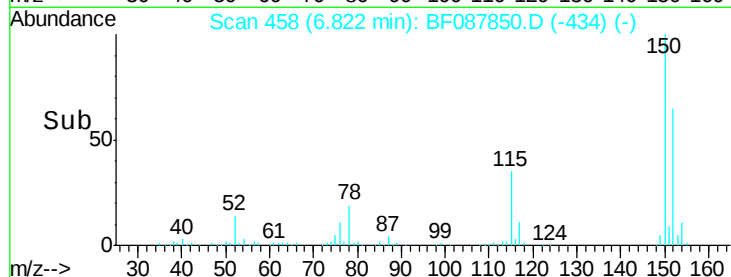
115 53.6 39.6 59.4



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: 93.64 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087850.D

Acq: 9 Jun 2016 14:07

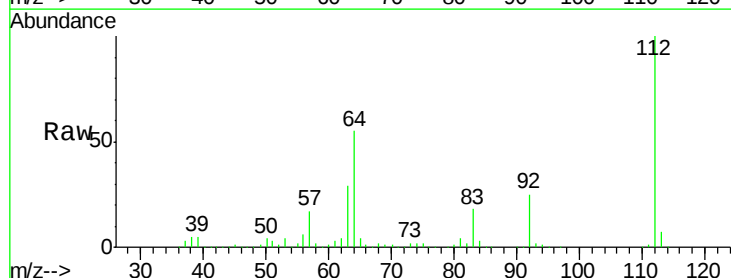
Tgt Ion:112 Resp: 704496

Ion Ratio Lower Upper

112 100

64 54.7 42.2 63.2

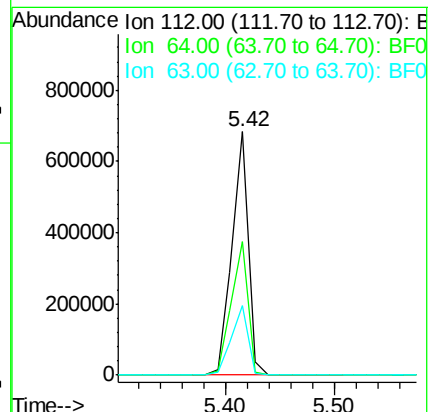
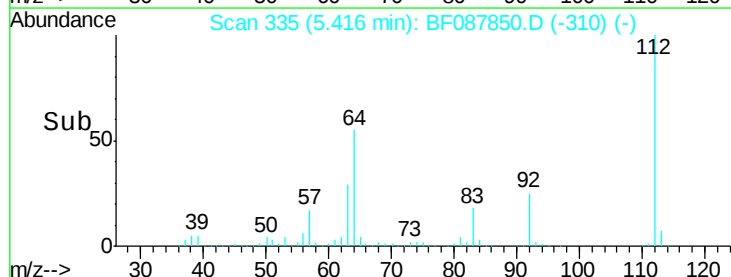
63 28.7 21.8 32.8



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: 104.76 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087850.D

Acq: 9 Jun 2016 14:07

Instrument :

BNA_F

ClientSampleId :

1300-04-SW-06072016

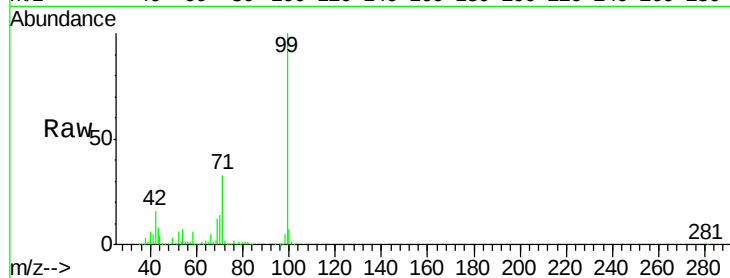
Tot Ion: 99 Resp: 955119

Ion Ratio Lower Upper

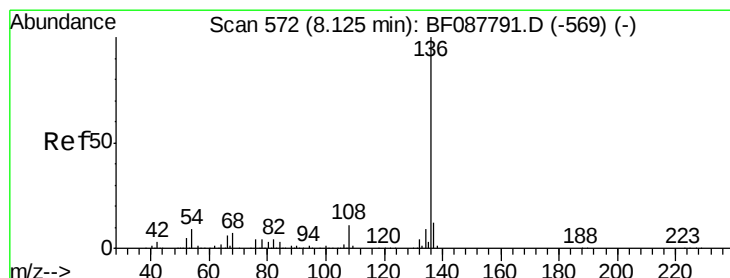
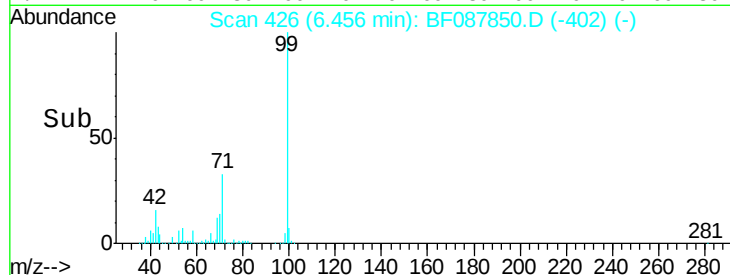
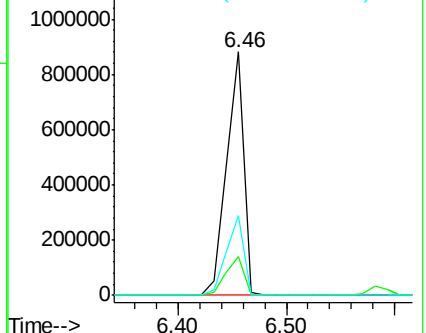
99 100

42 16.1 12.2 18.2

71 33.0 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087850.D

Acq: 9 Jun 2016 14:07

Tgt Ion: 136 Resp: 487420

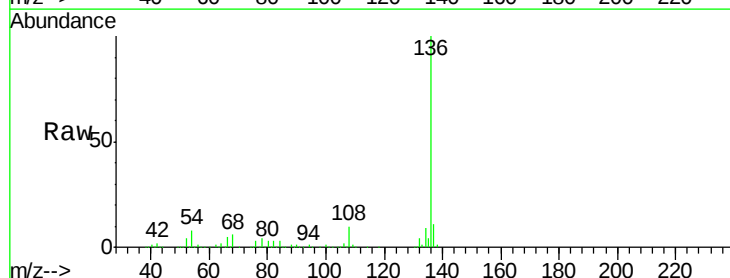
Ion Ratio Lower Upper

136 100

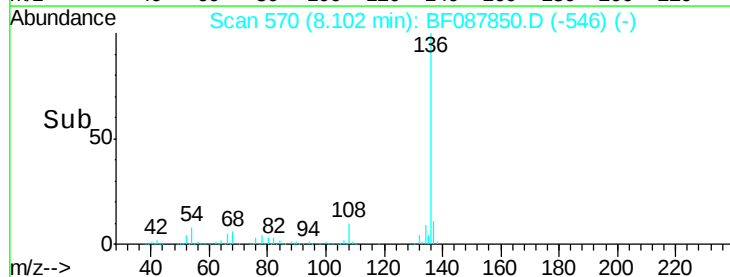
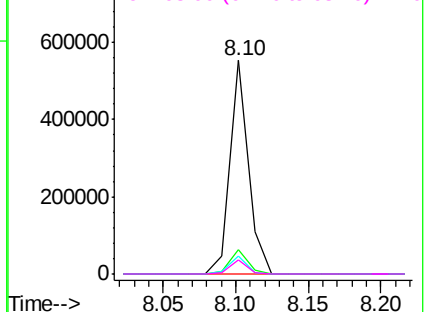
137 11.2 9.1 13.7

54 8.2 6.6 10.0

68 6.5 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

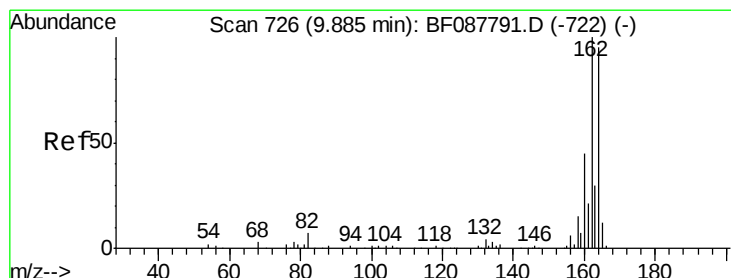
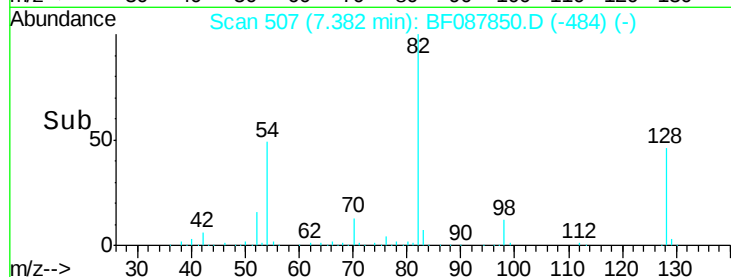
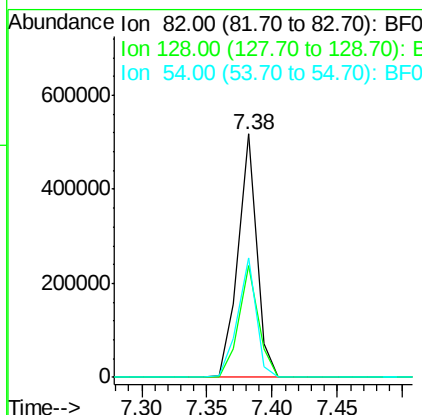
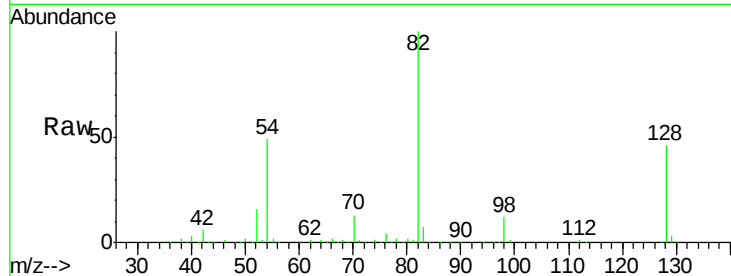




#23
 Nitrobenzene-d5
 Concen: 61.81 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF087850.D
 Acq: 9 Jun 2016 14:07

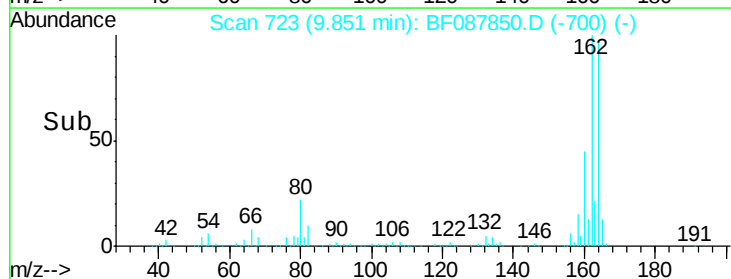
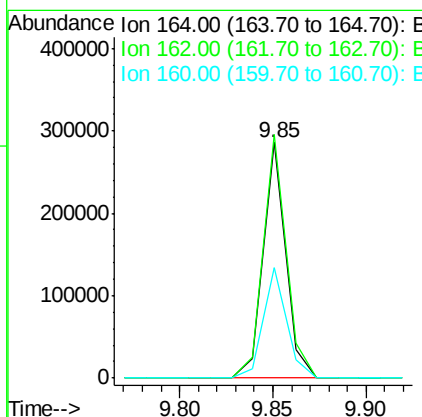
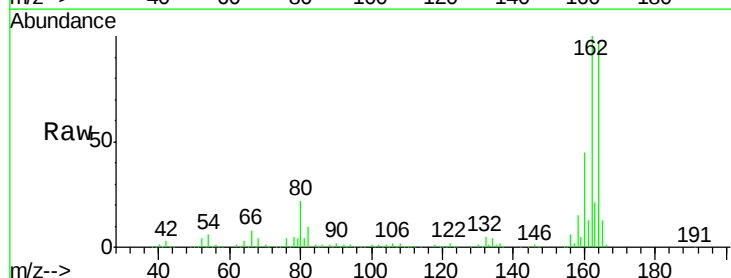
Instrument :
 BNA_F
 ClientSampleId :
 1300-04-SW-06072016

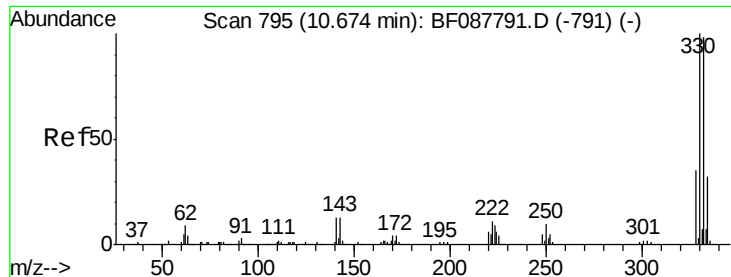
Tot Ion: 82 Resp: 515927
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.9 53.9
 54 49.2 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF087850.D
 Acq: 9 Jun 2016 14:07

Tgt Ion:164 Resp: 236480
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.4 128.2
 160 46.7 39.5 59.3

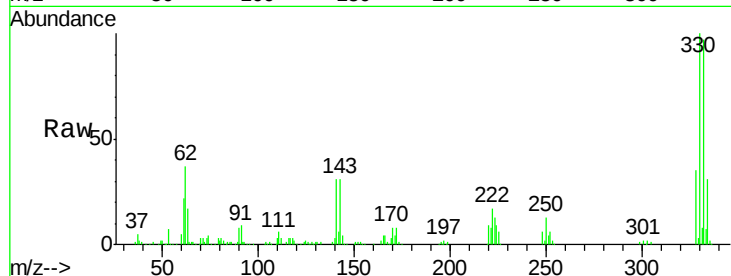




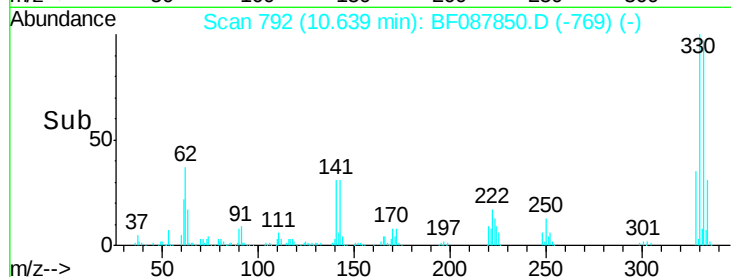
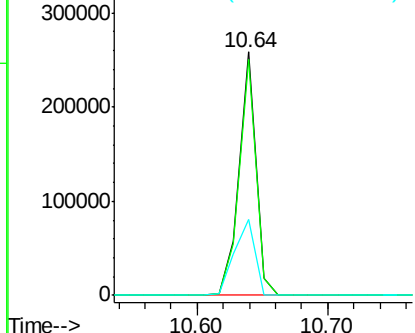
#41
 2,4,6-Tribromophenol
 Concen: 92.70 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087850.D
 Acq: 9 Jun 2016 14:07

Instrument :
 BNA_F
 ClientSampleId :
 1300-04-SW-06072016

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	37.9	0.0	0.0#

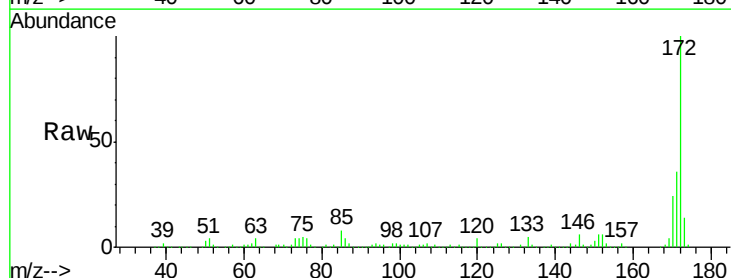


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

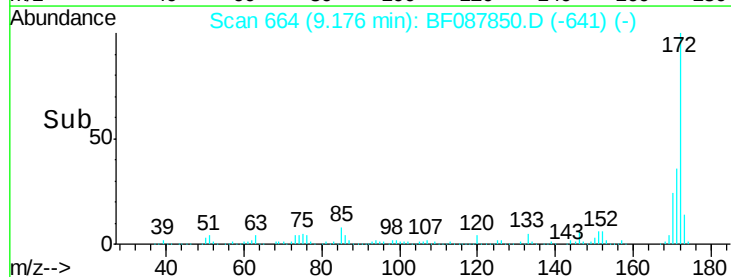
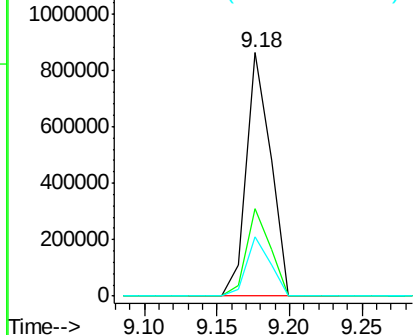


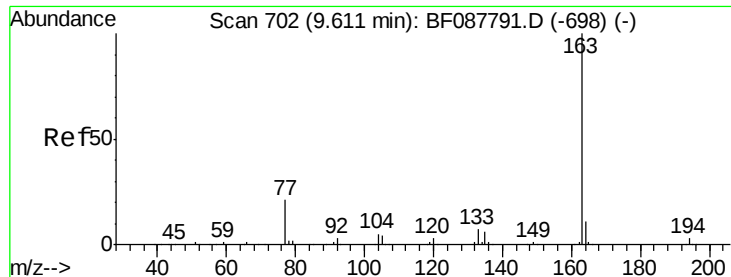
#44
 2-Fluorobiphenyl
 Concen: 65.15 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087850.D
 Acq: 9 Jun 2016 14:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.2	28.8



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

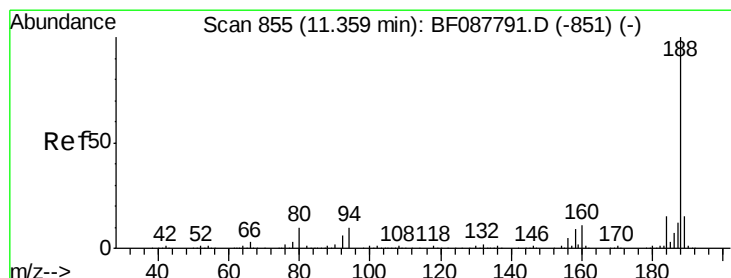
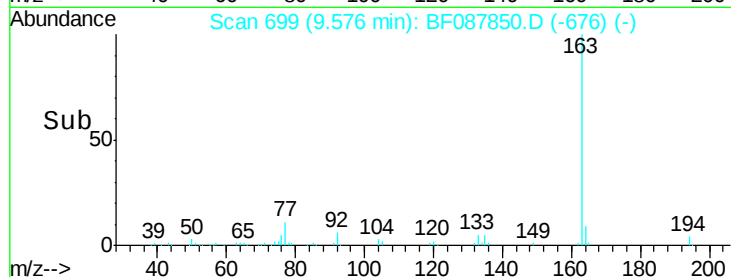
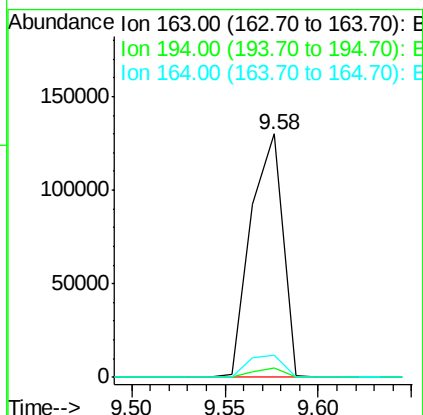
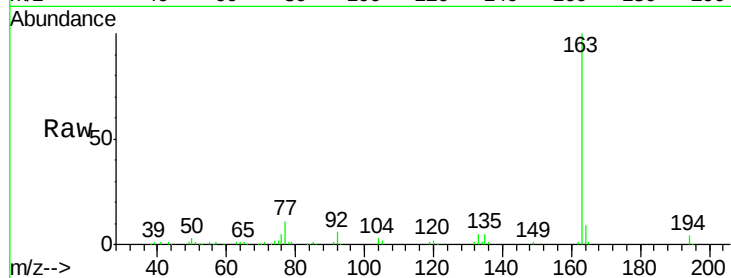




#49
Dimethylphthalate
Concen: 8.99 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087850.D
Acq: 9 Jun 2016 14:07

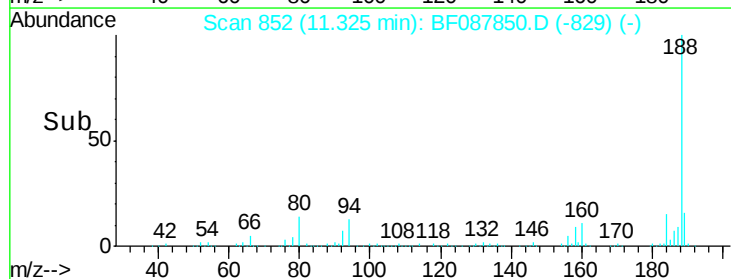
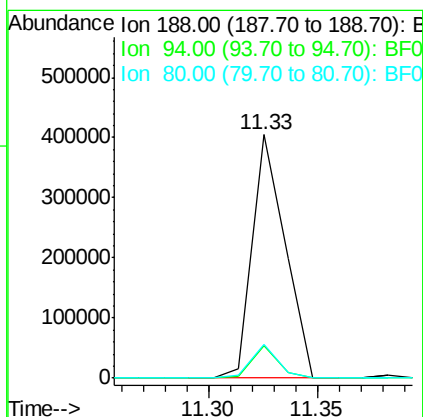
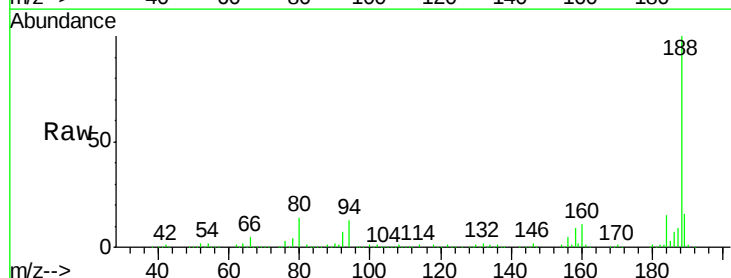
Instrument :
BNA_F
ClientSampleId :
1300-04-SW-06072016

Tot Ion:163 Resp: 154078
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.2 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087850.D
Acq: 9 Jun 2016 14:07

Tgt Ion:188 Resp: 424728
Ion Ratio Lower Upper
188 100
94 13.2 9.0 13.6
80 14.0 10.0 15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087850.D

Acq: 9 Jun 2016 14:07

Instrument :

BNA_F

ClientSampleId :

1300-04-SW-06072016

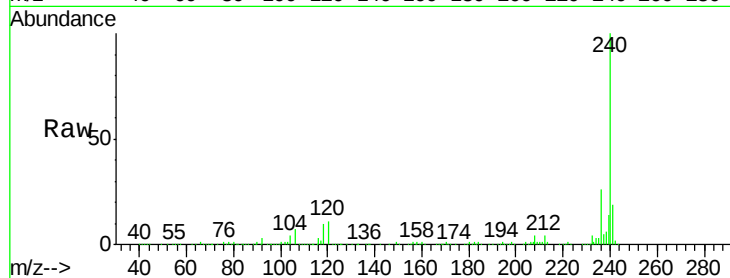
Tot Ion:240 Resp: 291250

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

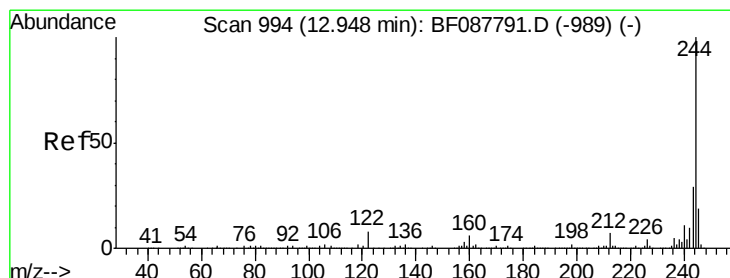
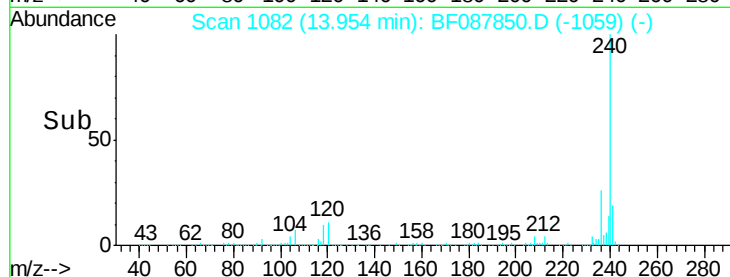
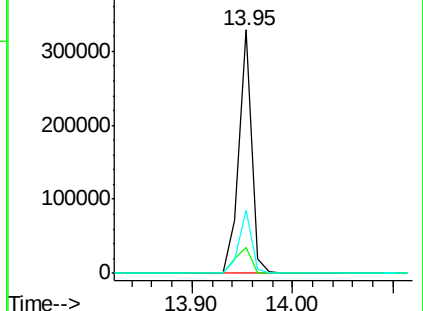
236 25.8 20.2 30.2



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: 64.15 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF087850.D

Acq: 9 Jun 2016 14:07

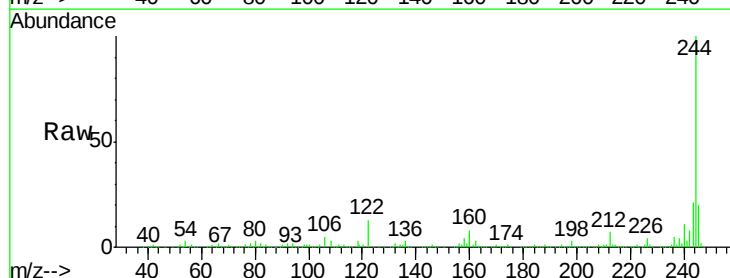
Tgt Ion:244 Resp: 821007

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

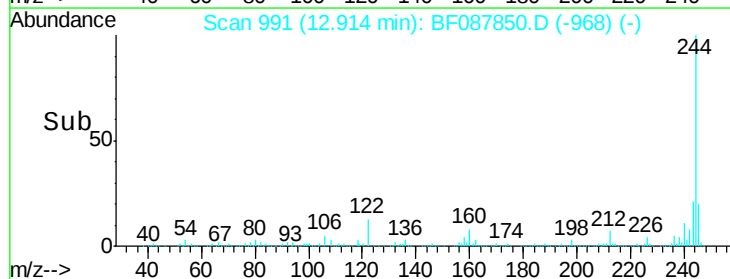
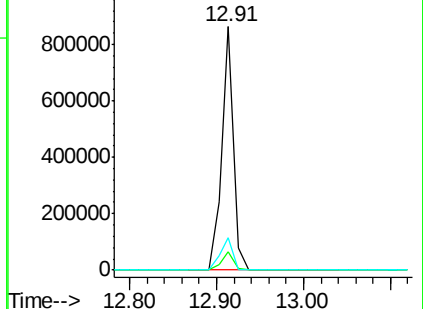
122 13.5 11.2 16.8

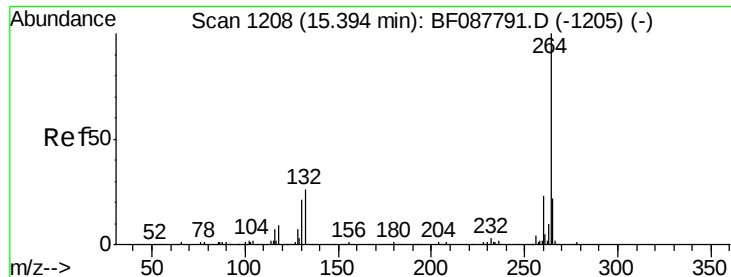


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087850.D
Acq: 9 Jun 2016 14:07

Instrument :
BNA_F
ClientSampleId :
1300-04-SW-06072016

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	16.9	25.3

