

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088850.D
 Acq On : 9 Jul 2016 3:41
 Operator : UM/SJ
 Sample : H3813-21 50X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 04:40:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

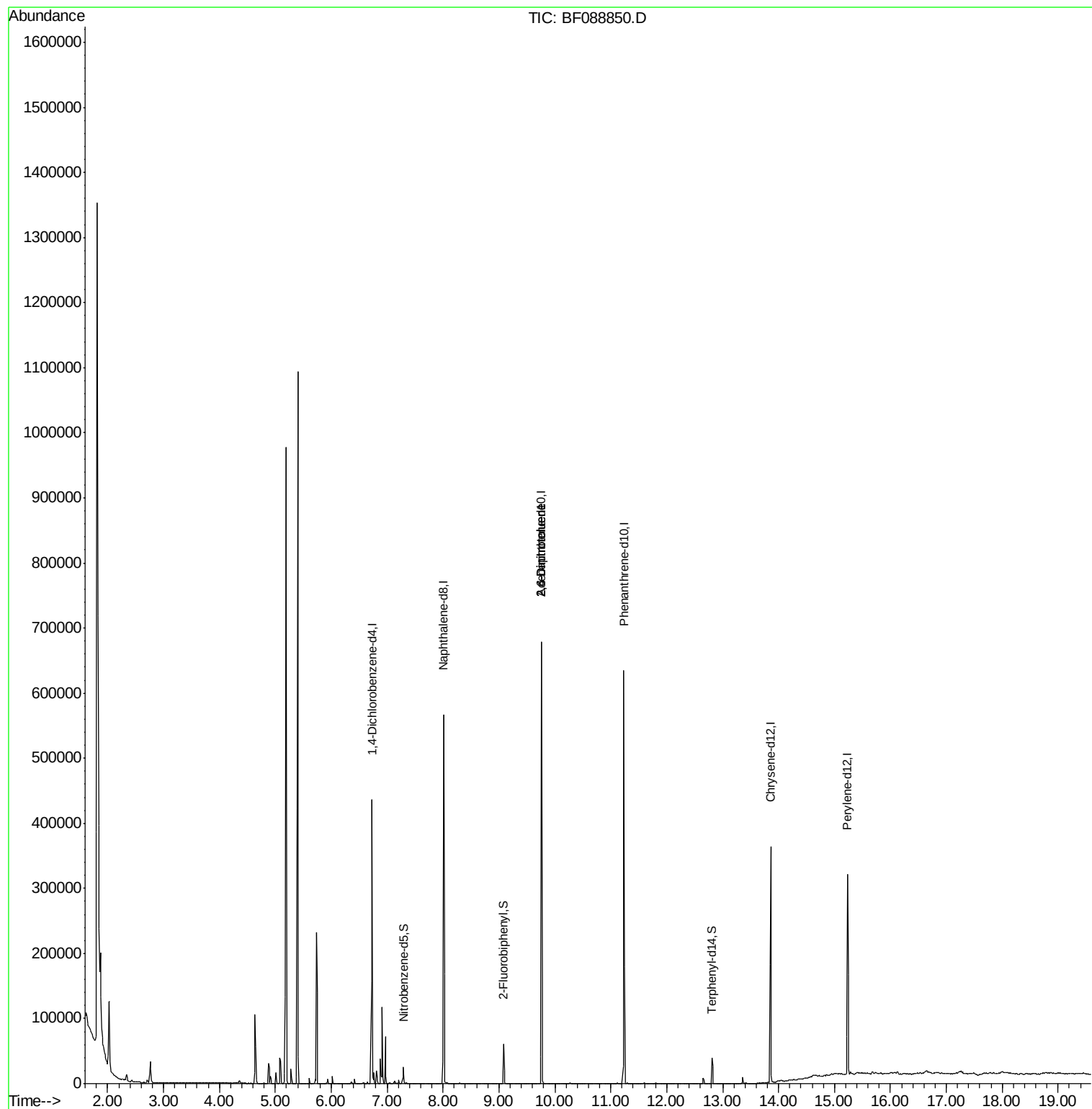
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	70690	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	264185	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	125973	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	230357	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	141124	20.00	ng	-0.01
86) Perylene-d12	15.23	264	135410	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	216	0.05	ng	-0.13
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.29	82	10665	2.12	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.08	172	22775	2.86	ng	-0.01
78) Terphenyl-d14	12.81	244	18621	2.94	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	16399	8.24	ng	# 39
56) 2,4-Dinitrotoluene	9.76	165	16399	6.31	ng	# 37

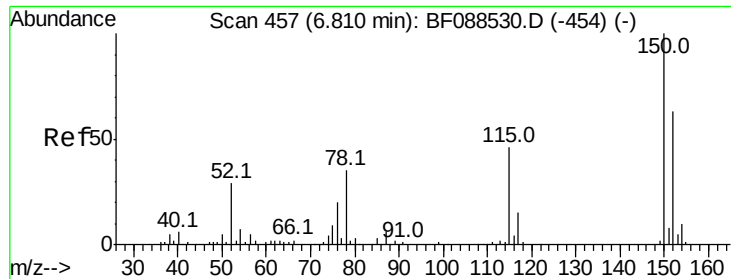
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088850.D

Acq: 9 Jul 2016 3:41

Instrument :

BNA_F

ClientSampleId :

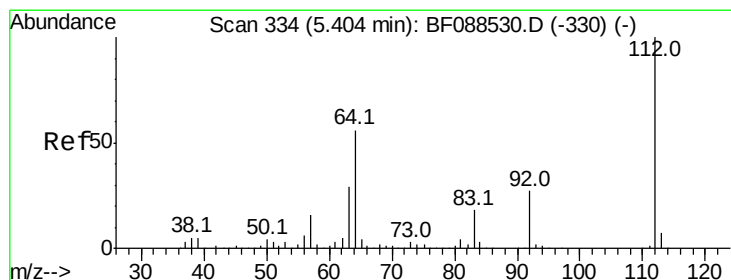
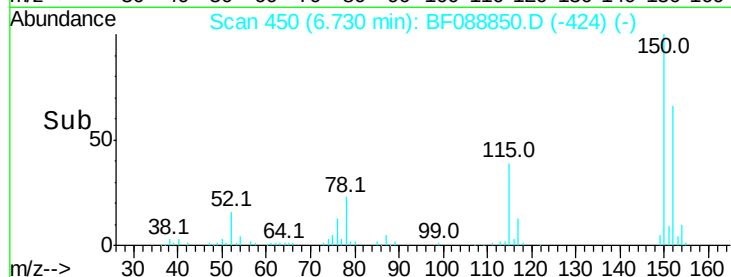
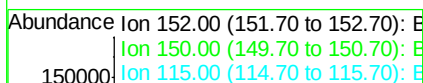
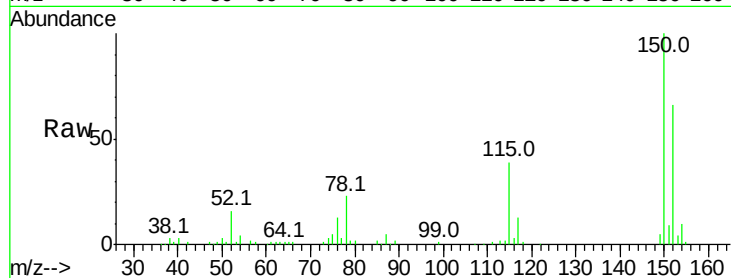
Tot Ion:152 Resp: 70690

Ion Ratio Lower Upper

152 100

150 152.3 123.8 185.6

115 59.7 39.6 59.4#



#5

2-Fluorophenol

Concen: 0.05 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.13 min

Lab File: BF088850.D

Acq: 9 Jul 2016 3:41

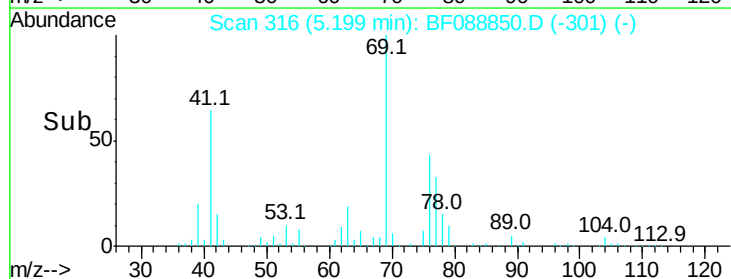
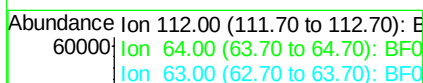
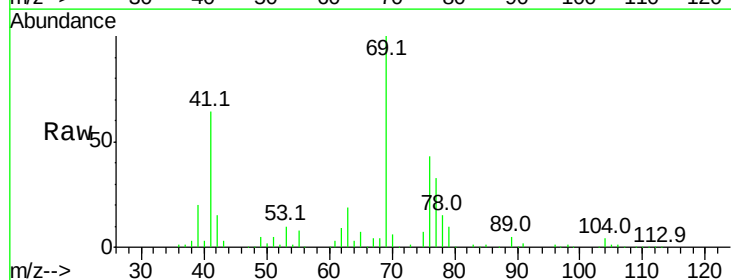
Tgt Ion:112 Resp: 216

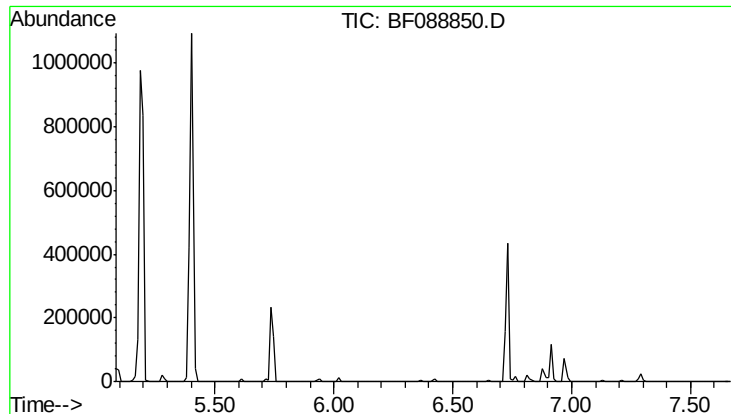
Ion Ratio Lower Upper

112 100

64 1880.0 42.2 63.2#

63 11977.1 21.8 32.8#





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.38 min

Lab File: BF088850.D

Acq: 9 Jul 2016 3:41

Tot Ion: 99

Sig Exp Ratio

99 100

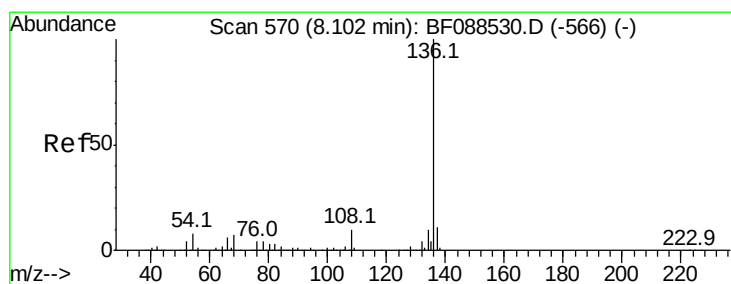
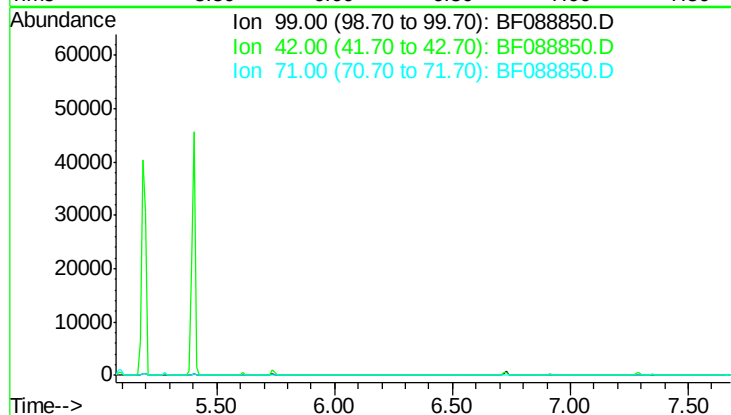
42 15.2

71 29.2

Instrument :

BNA_F

ClientSampleId :



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088850.D

Acq: 9 Jul 2016 3:41

Tgt Ion:136 Resp: 264185

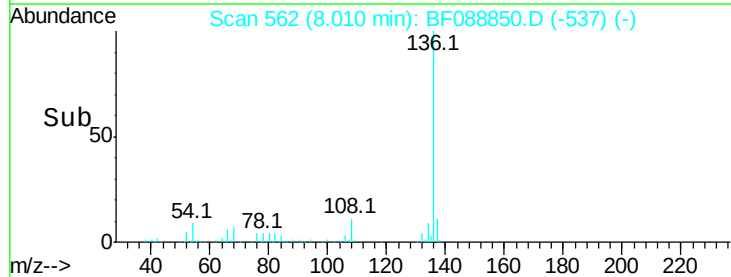
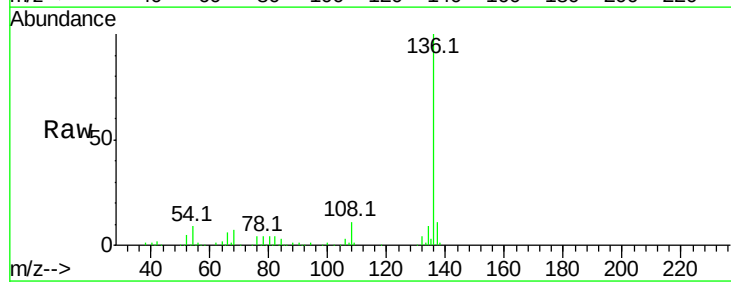
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 6.6 10.0

68 7.0 5.1 7.7

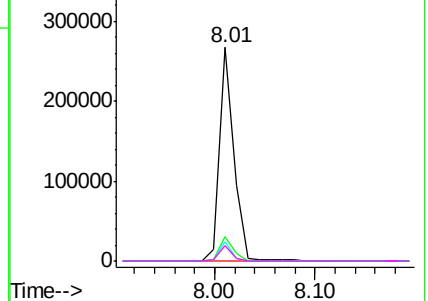


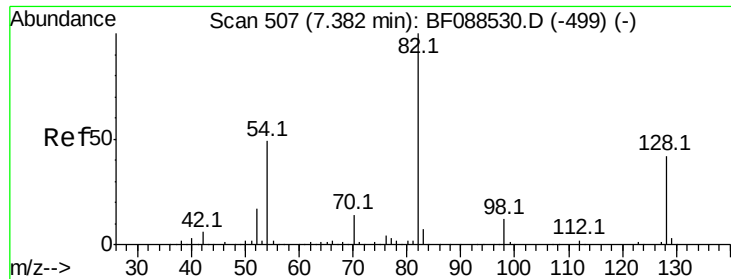
Abundance Ion 136.00 (135.70 to 136.70): E

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

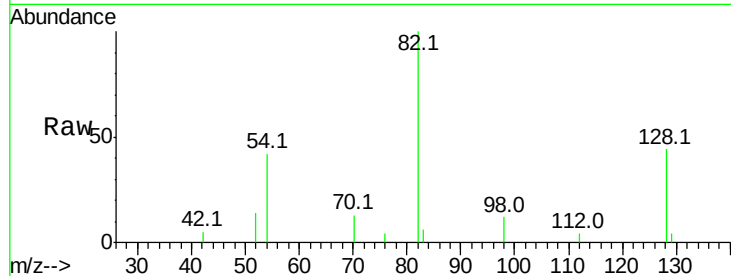




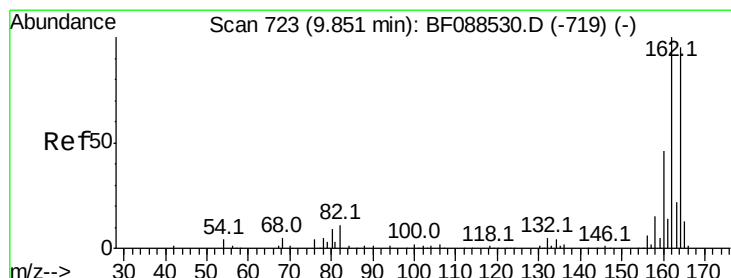
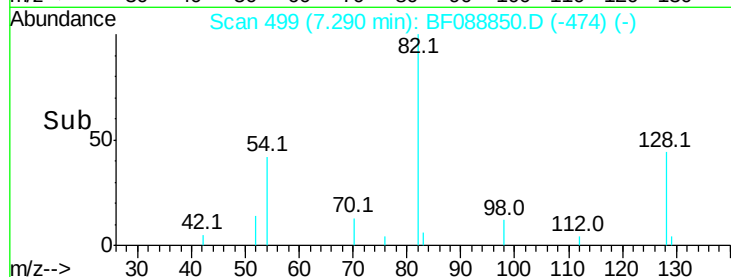
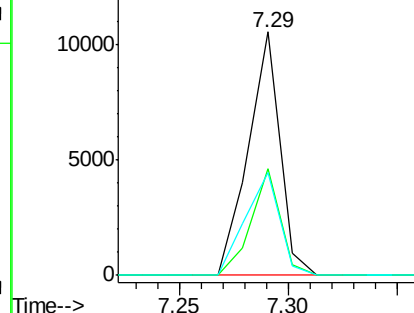
#23
 Nitrobenzene-d5
 Concen: 2.12 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088850.D
 Acq: 9 Jul 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	10665
Ion Ratio	Lower	Upper	
82	100		
128	43.7	35.9	53.9
54	42.1	40.9	61.3

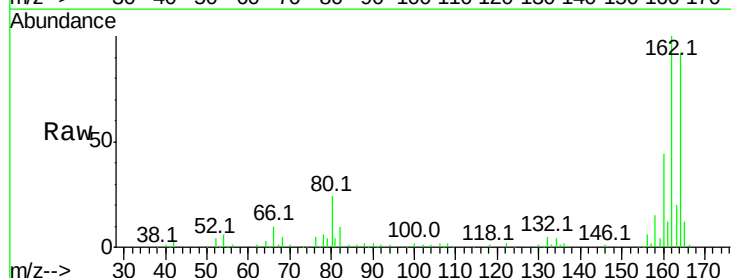


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

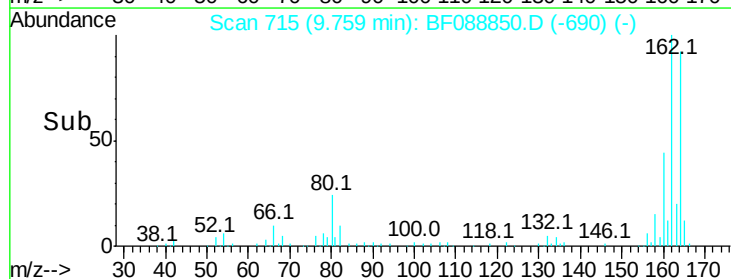
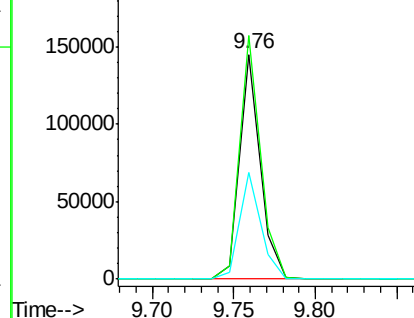


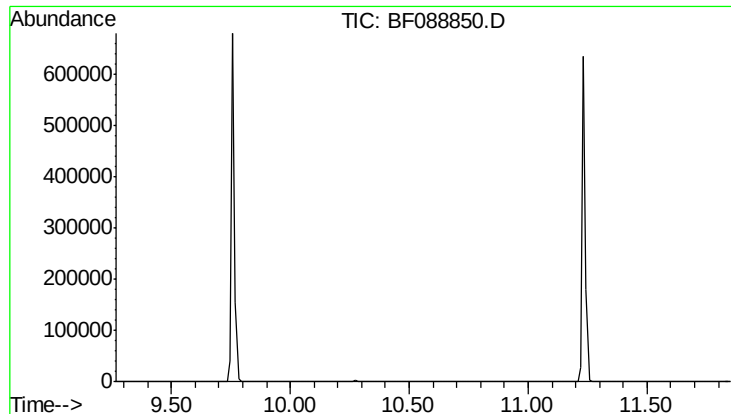
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088850.D
 Acq: 9 Jul 2016 3:41

Tgt Ion	164	Resp	125973
Ion Ratio	Lower	Upper	
164	100		
162	108.3	85.4	128.2
160	47.5	39.5	59.3



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

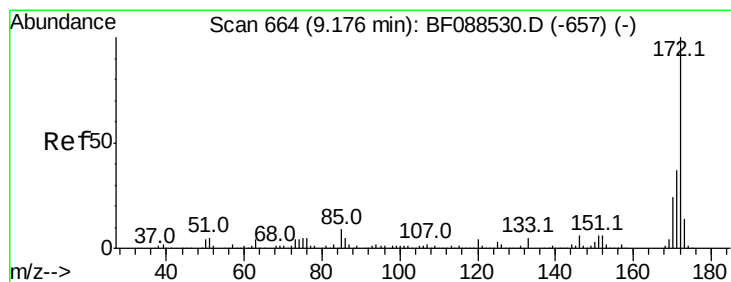
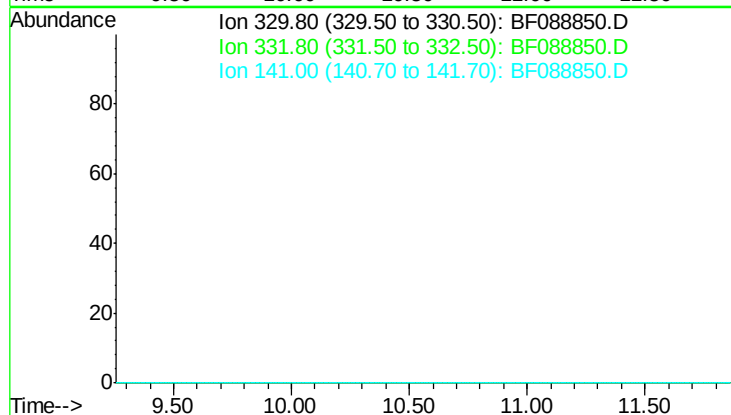




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.56 min
 Lab File: BF088850.D
 Acq: 9 Jul 2016 3:41

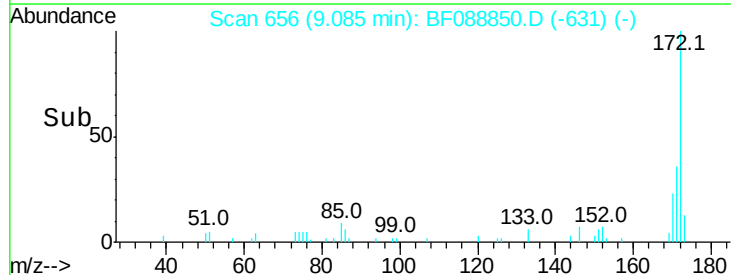
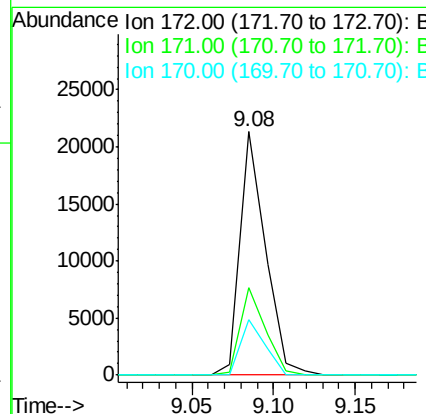
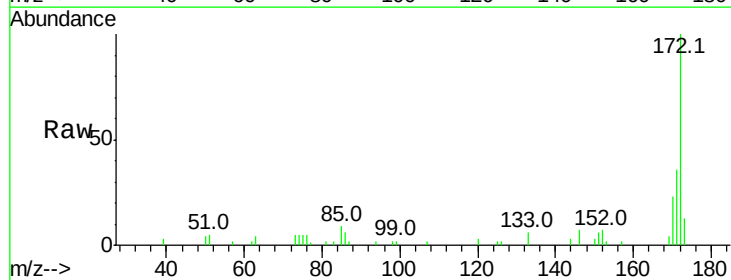
Instrument :
 BNA_F
 ClientSampleId :

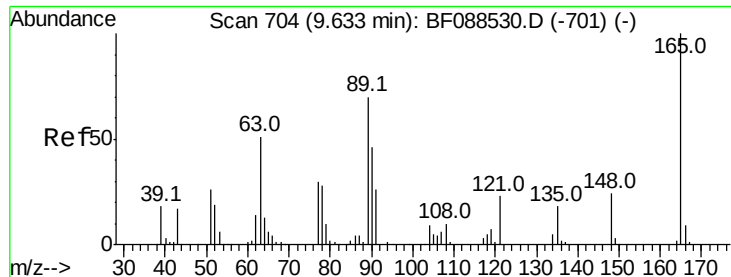
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0



#44
 2-Fluorobiphenyl
 Concen: 2.86 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088850.D
 Acq: 9 Jul 2016 3:41

Tgt Ion: 172 Resp: 22775
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 22.9 19.2 28.8

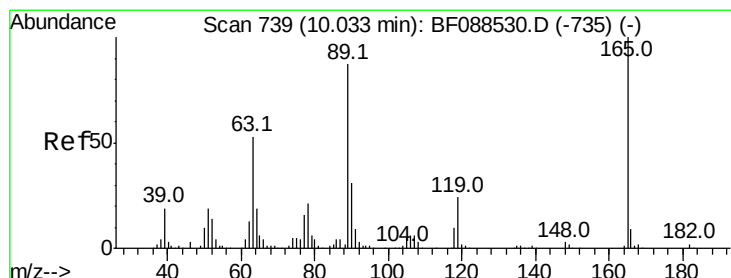
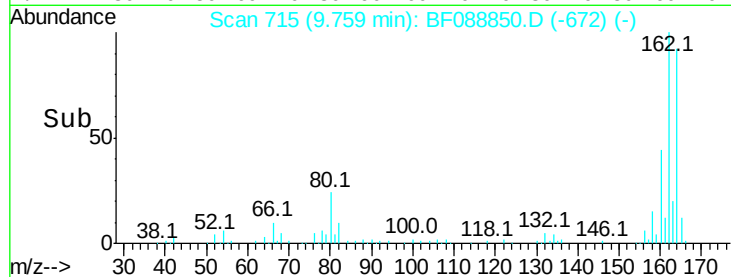
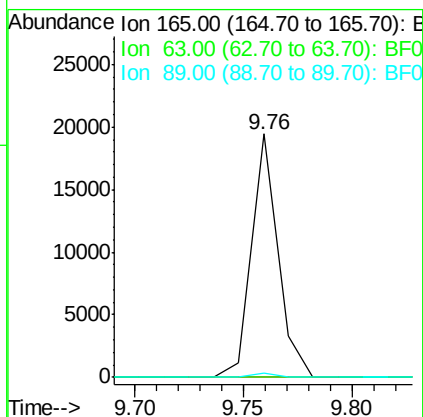
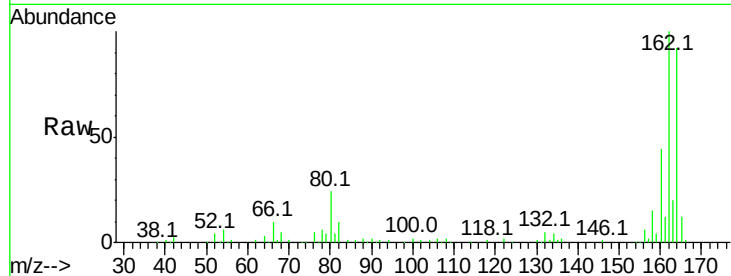




#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088850.D
 Acq: 9 Jul 2016 3:41

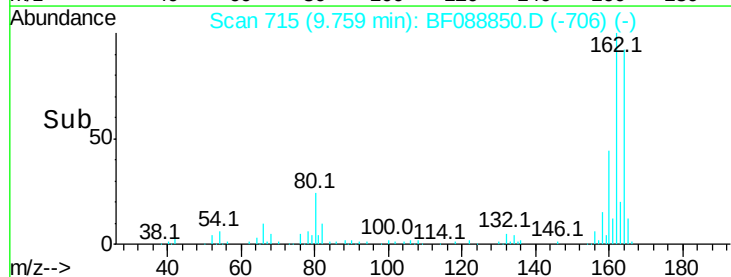
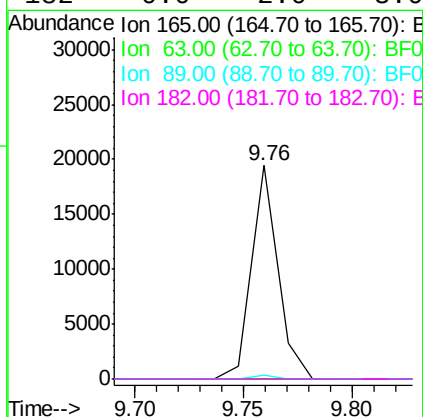
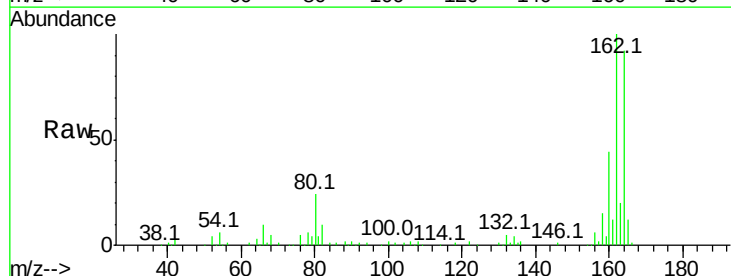
Instrument :
 BNA_F
 ClientSampled :

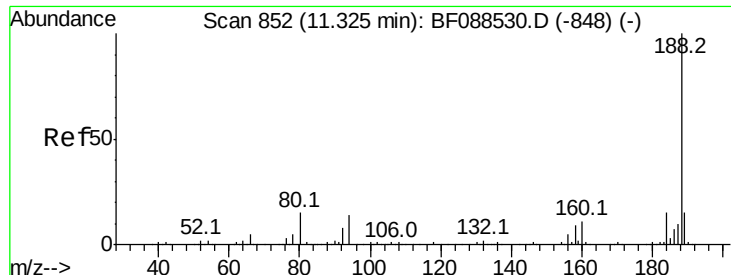
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.6	32.2	48.2#



#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.19 min
 Lab File: BF088850.D
 Acq: 9 Jul 2016 3:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

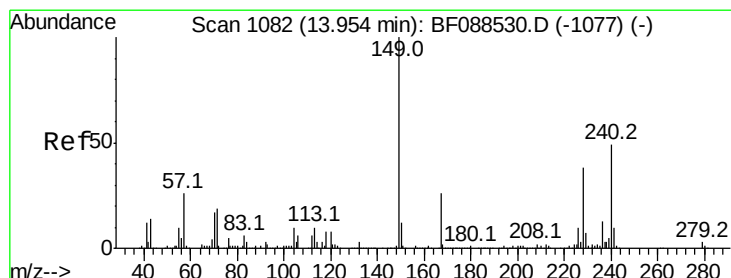
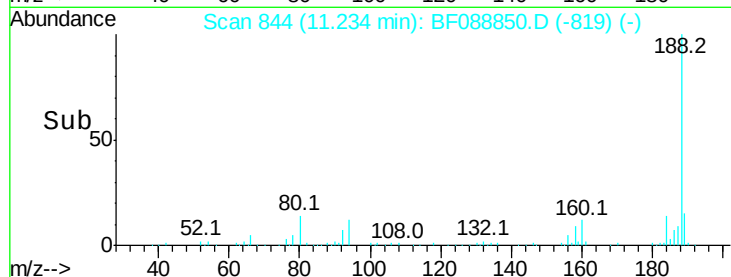
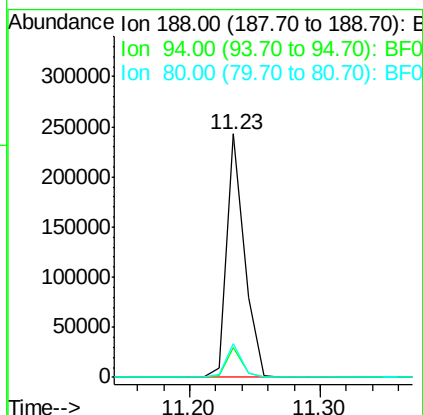
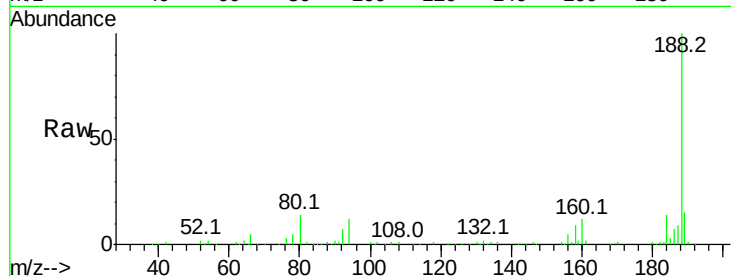




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088850.D
Acq: 9 Jul 2016 3:41

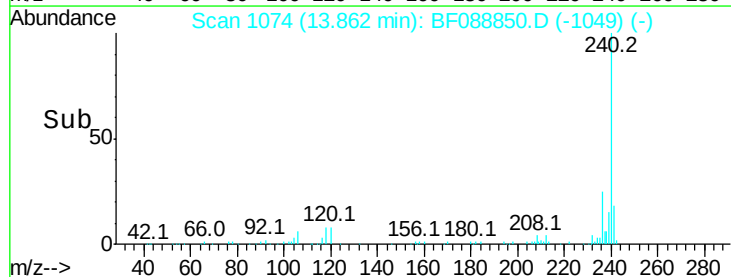
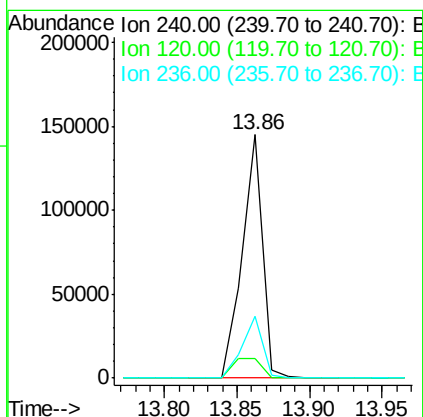
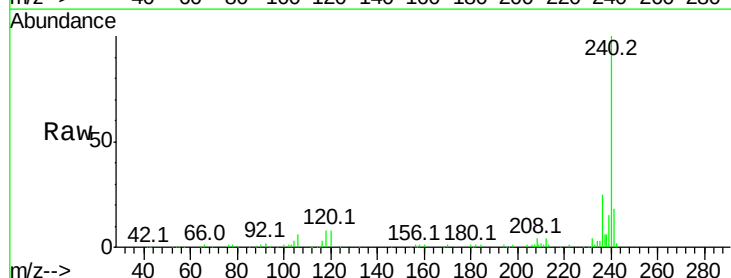
Instrument :
BNA_F
ClientSampleId :

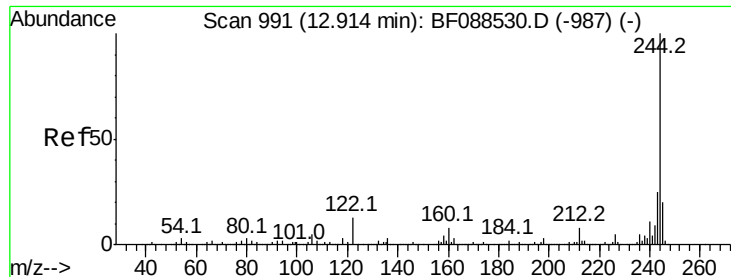
Tot Ion:188 Resp: 230357
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.6
80 14.1 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088850.D
Acq: 9 Jul 2016 3:41

Tgt Ion:240 Resp: 141124
Ion Ratio Lower Upper
240 100
120 8.3 6.8 10.2
236 25.4 20.2 30.2

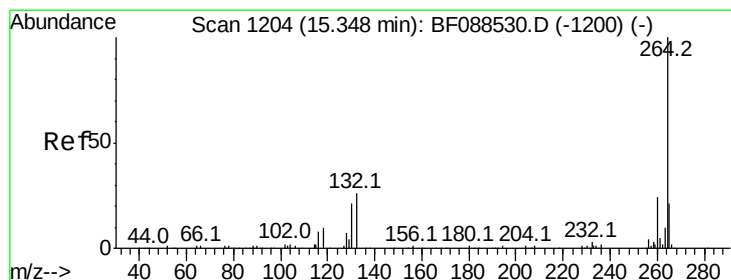
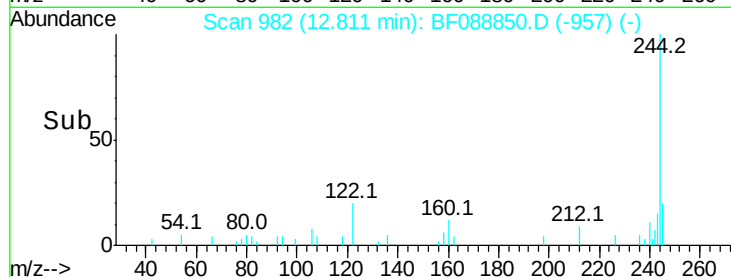
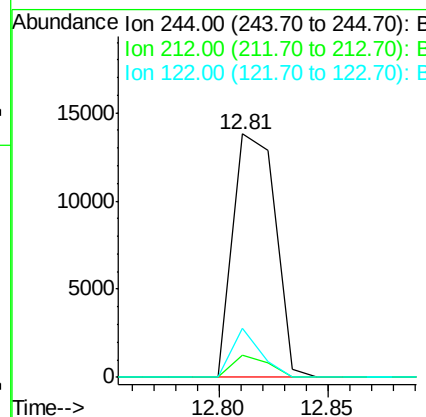
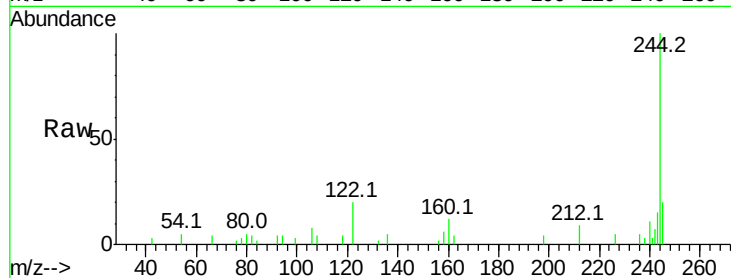




#78
 Terphenyl-d14
 Concen: 2.94 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088850.D
 Acq: 9 Jul 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 18621
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.0 9.0
 122 20.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088850.D
 Acq: 9 Jul 2016 3:41

Tgt Ion:264 Resp: 135410
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.3 16.9 25.3

