

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087665.D
 Acq On : 4 Jun 2016 14:43
 Operator : UM/SJ
 Sample : PB91096BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BL

Quant Time: Jun 05 01:28:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118784	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	487351	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	218852	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	442715	20.00	ng	0.00
75) Chrysene-d12	14.01	240	356748	20.00	ng	-0.01
86) Perylene-d12	15.44	264	273778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	776552	105.67	ng	0.01
7) Phenol-d6	6.49	99	1123925	121.95	ng	0.00
23) Nitrobenzene-d5	7.42	82	617007	73.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	237072	107.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1107886	74.78	ng	-0.01
78) Terphenyl-d14	12.97	244	1003631	68.65	ng	0.00

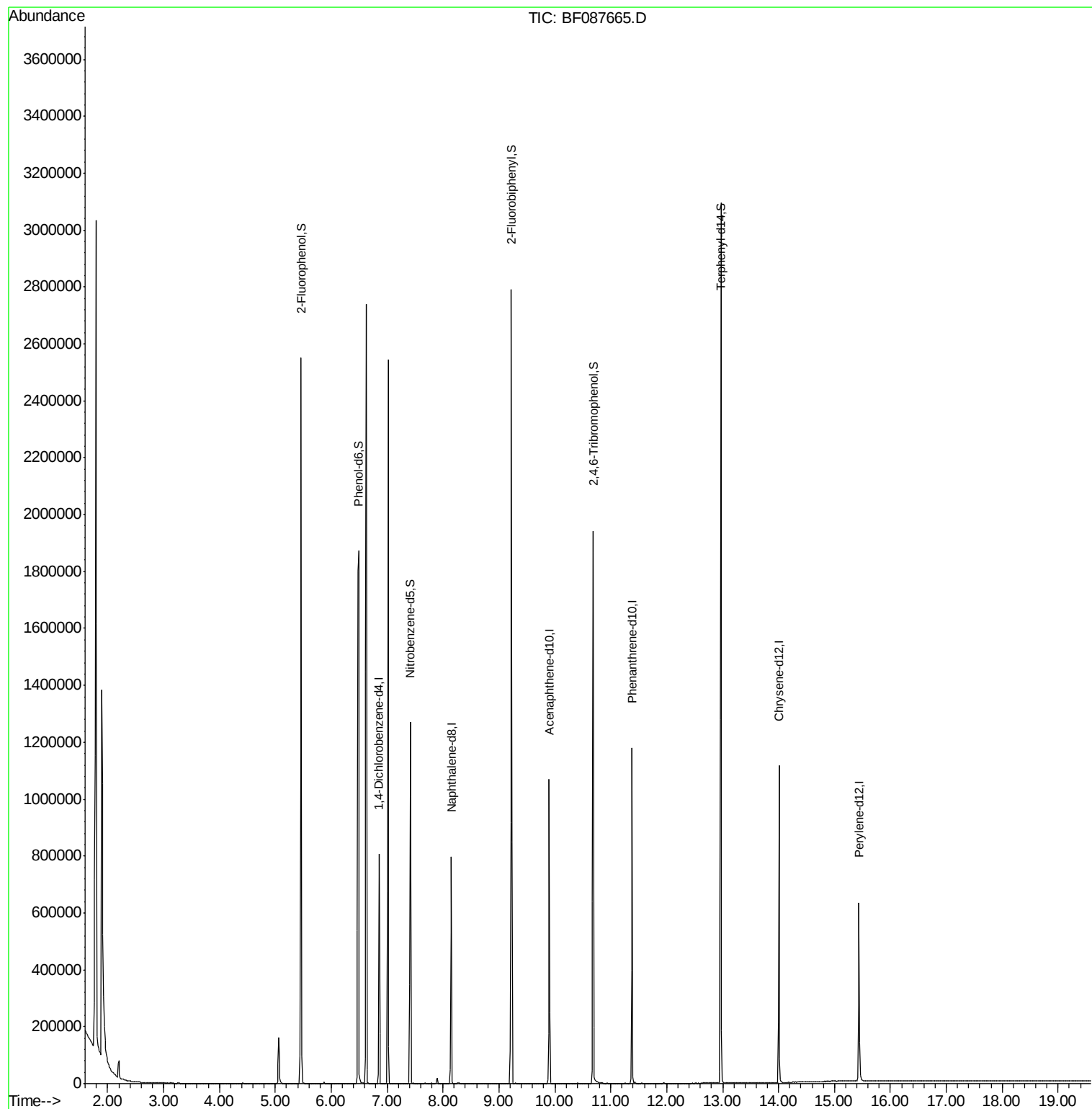
Target Compounds Qvalue

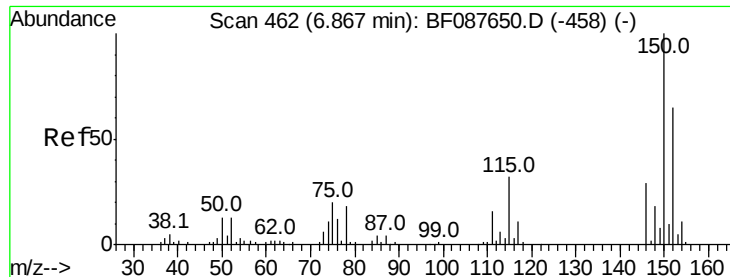
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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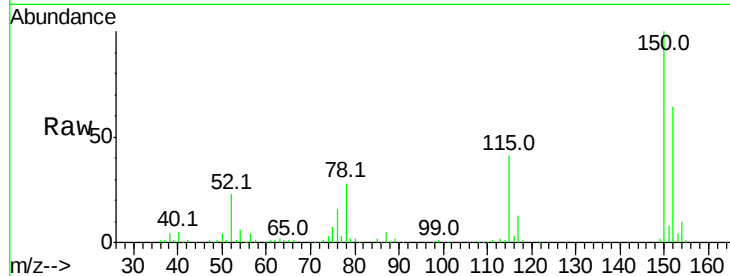


#1

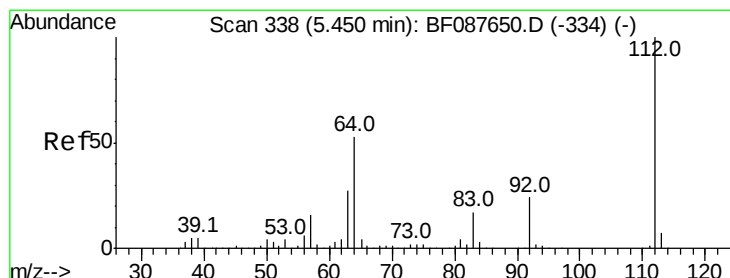
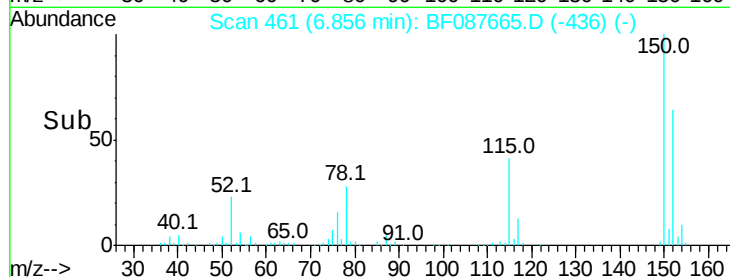
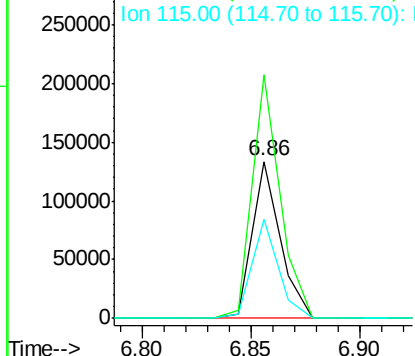
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087665.D
 Acq: 4 Jun 2016 14:43

Instrument :
 BNA_F
 ClientSampled :
 PB91096BL

Tot Ion:152 Resp: 118784
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.8 185.6
 115 63.2 39.6 59.4#



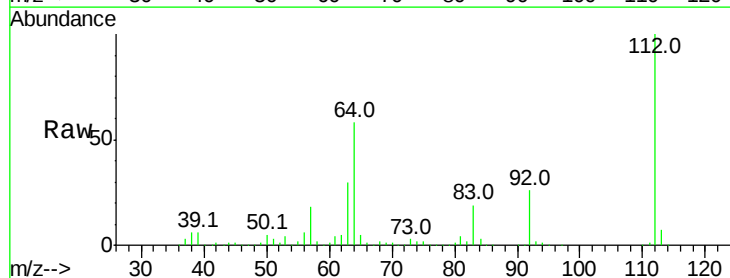
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



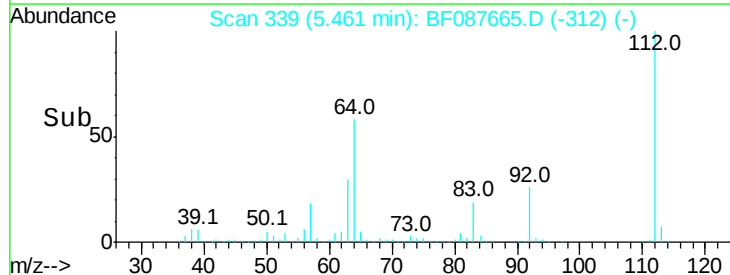
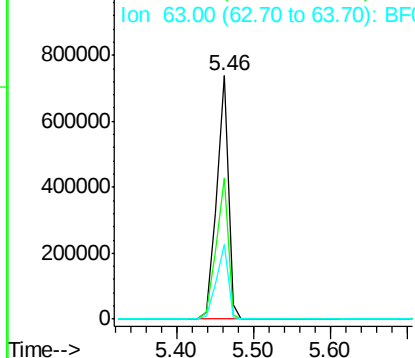
#5

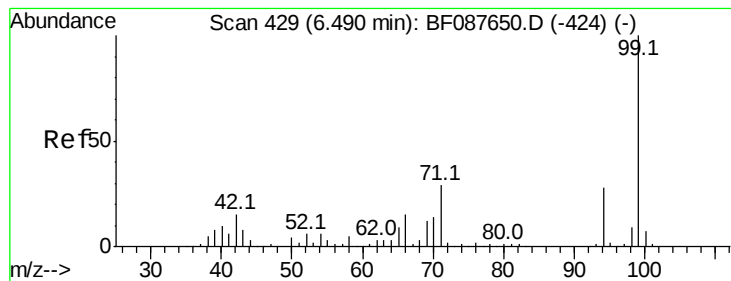
2-Fluorophenol
 Concen: 105.67 ng
 RT: 5.46 min Scan# 339
 Delta R.T. 0.01 min
 Lab File: BF087665.D
 Acq: 4 Jun 2016 14:43

Tgt Ion:112 Resp: 776552
 Ion Ratio Lower Upper
 112 100
 64 58.1 42.2 63.2
 63 30.5 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: 121.95 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087665.D

Acq: 4 Jun 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB91096BL

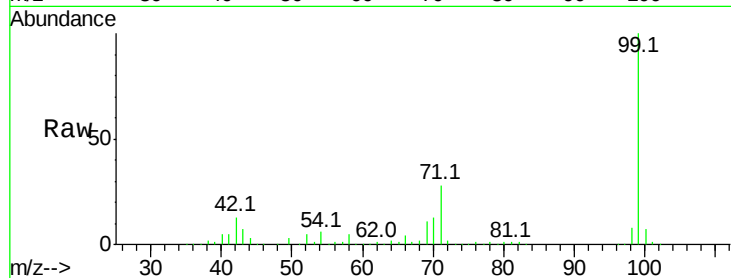
Tot Ion: 99 Resp: 1123925

Ion	Ratio	Lower	Upper
99	100		
42	12.9	12.2	18.2
71	28.3	23.4	35.0

99 100

42 12.9 12.2 18.2

71 28.3 23.4 35.0

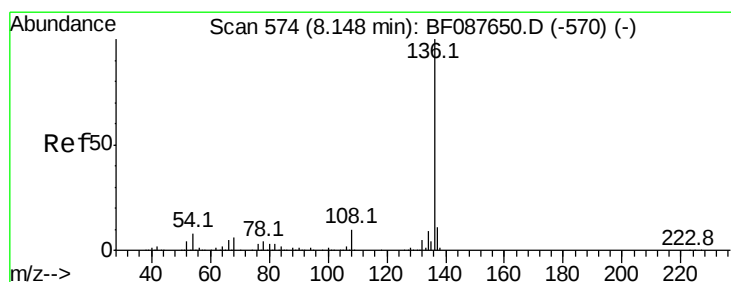
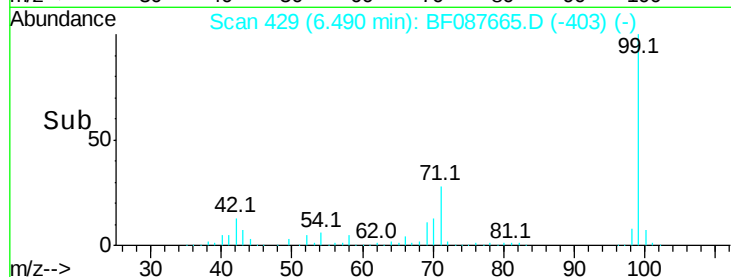
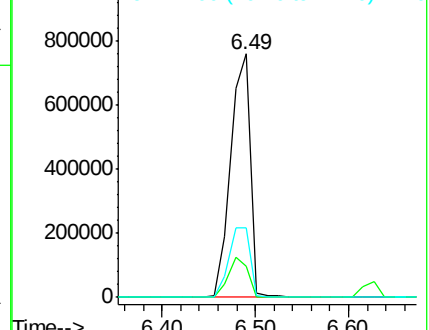


Abundance

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: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087665.D

Acq: 4 Jun 2016 14:43

Tgt Ion: 136 Resp: 487351

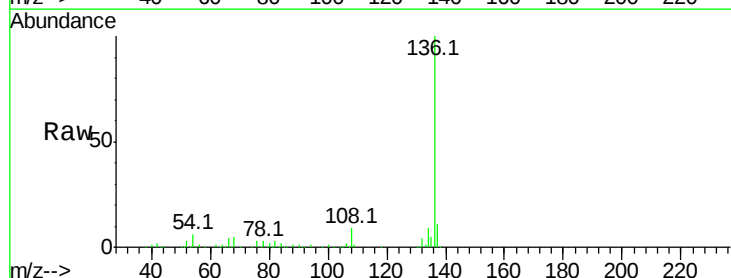
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.7	6.6	10.0#
68	4.7	5.1	7.7#

136 100

137 10.8 9.1 13.7

54 5.7 6.6 10.0#

68 4.7 5.1 7.7#



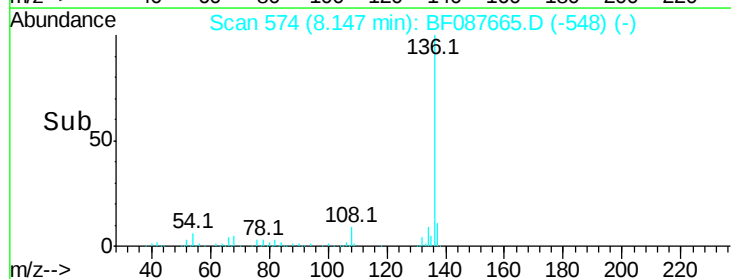
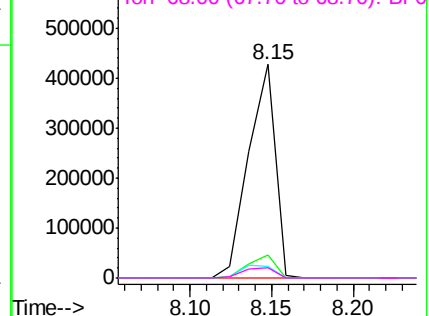
Abundance

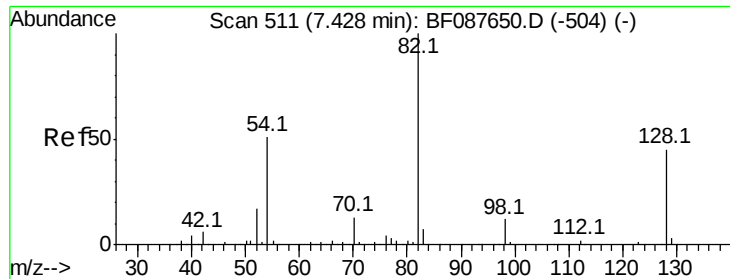
Ion 136.00 (135.70 to 136.70): E

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

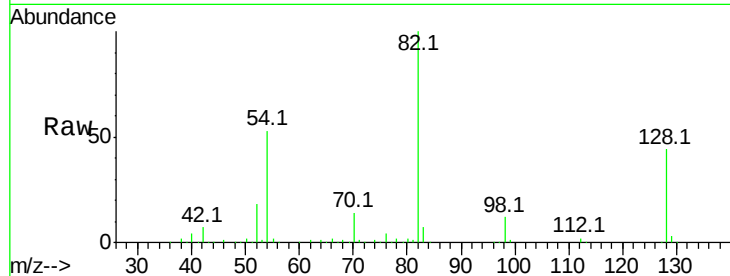




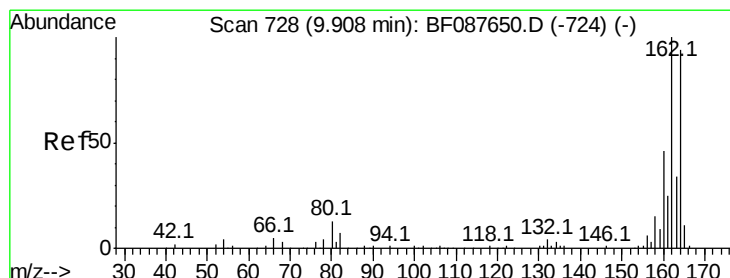
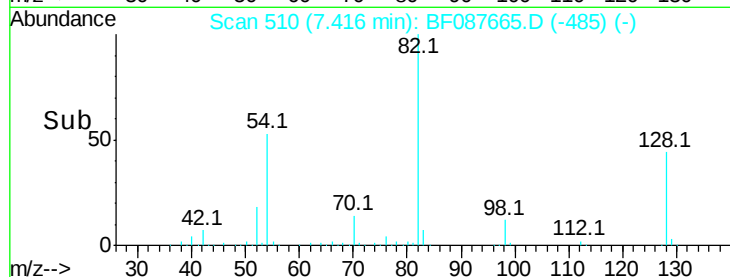
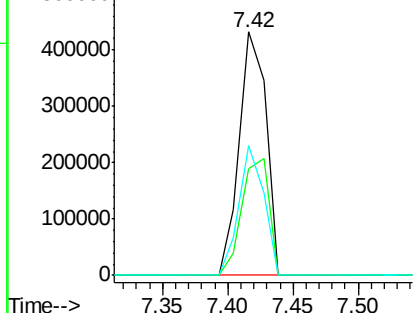
#23
Nitrobenzene-d5
Concen: 73.25 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087665.D
Acq: 4 Jun 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB91096BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.9	53.9
54	53.2	40.9	61.3

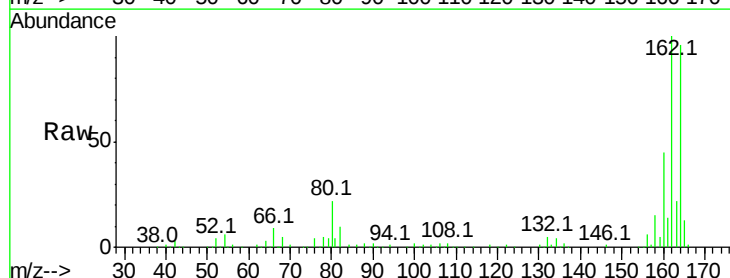


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

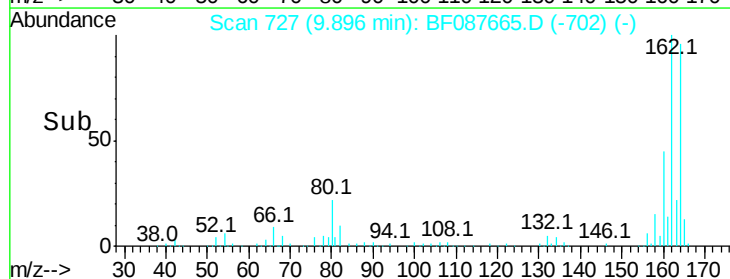
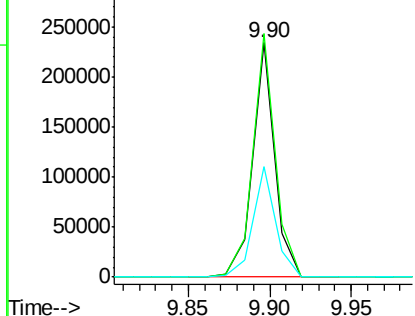


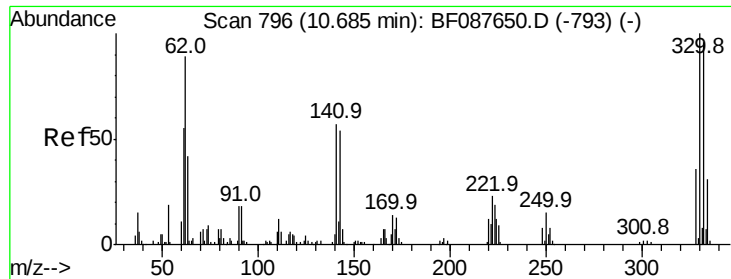
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087665.D
Acq: 4 Jun 2016 14:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.4	128.2
160	47.2	39.5	59.3



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

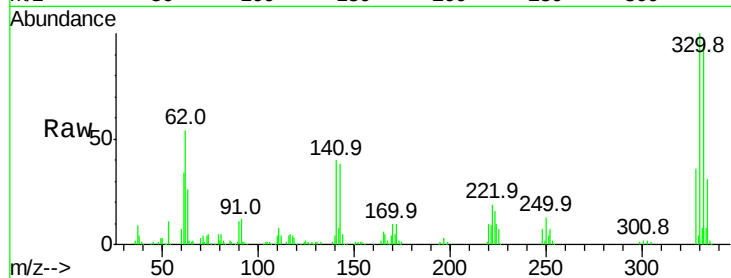




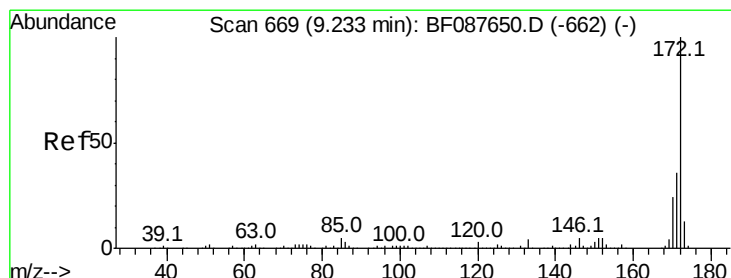
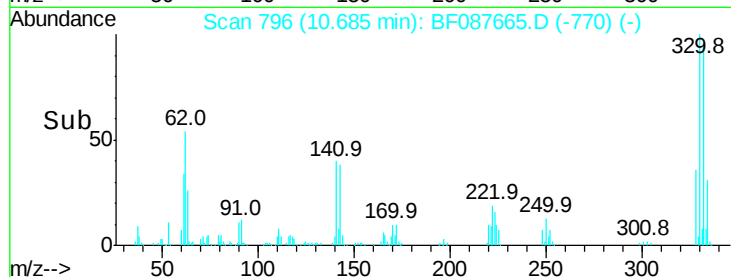
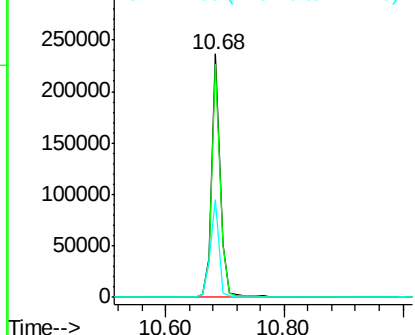
#41
 2,4,6-Tribromophenol
 Concen: 107.92 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087665.D
 Acq: 4 Jun 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BL

Tot Ion:330 Resp: 237072
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 40.8 0.0 0.0#

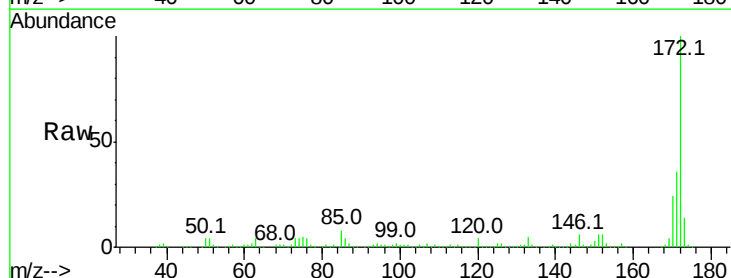


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

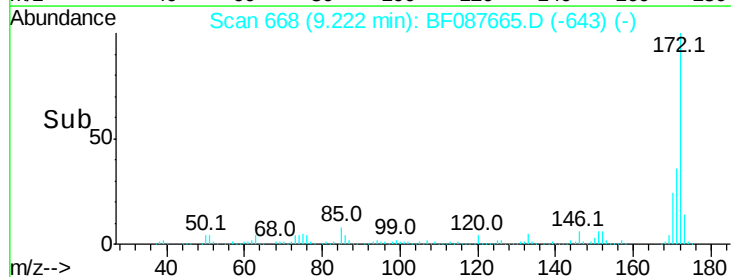
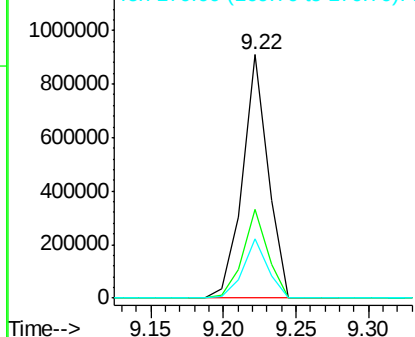


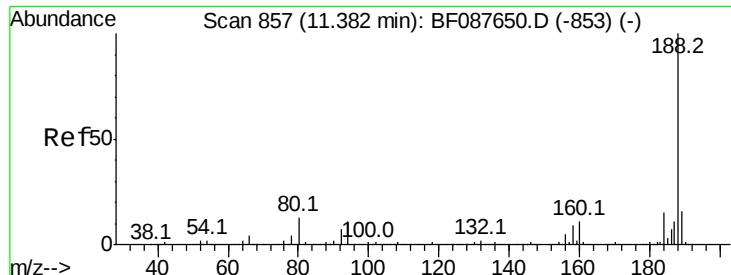
#44
 2-Fluorobiphenyl
 Concen: 74.78 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087665.D
 Acq: 4 Jun 2016 14:43

Tgt Ion:172 Resp: 1107886
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.3 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

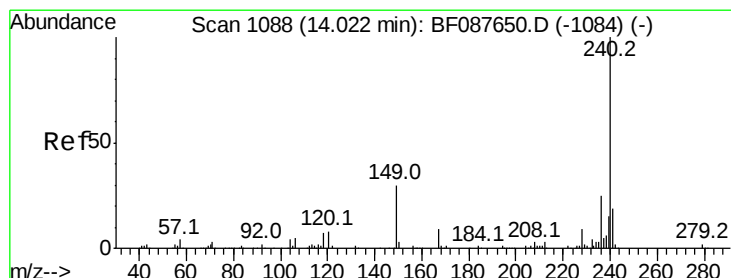
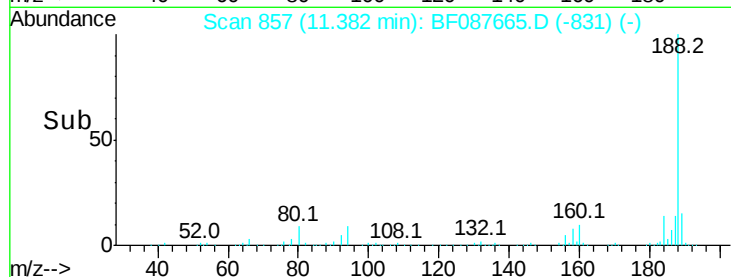
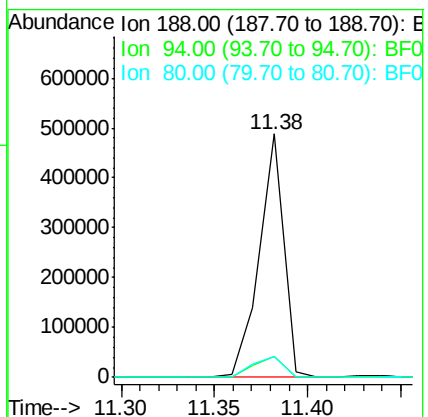
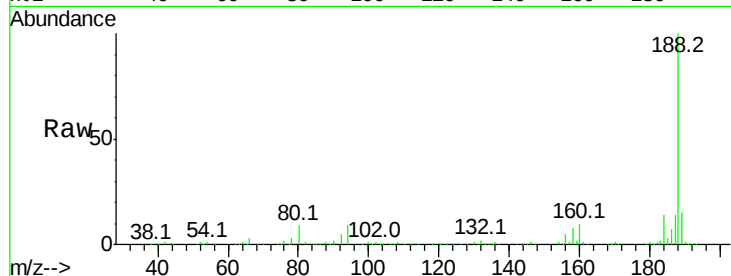




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087665.D
Acq: 4 Jun 2016 14:43

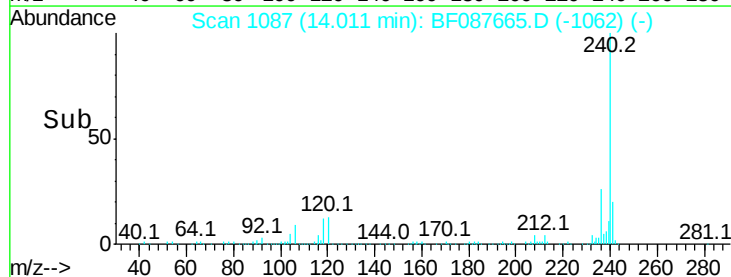
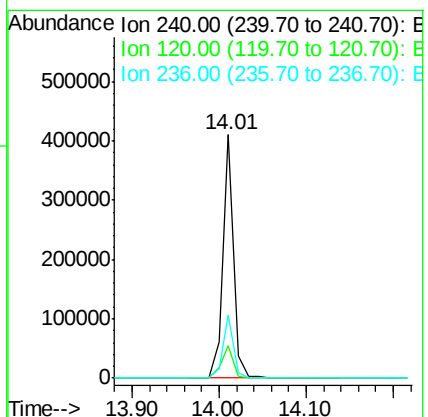
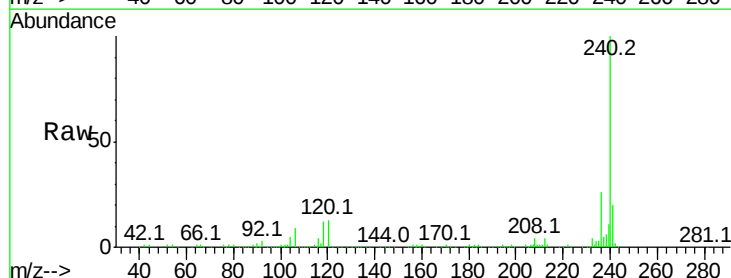
Instrument :
BNA_F
ClientSampleId :
PB91096BL

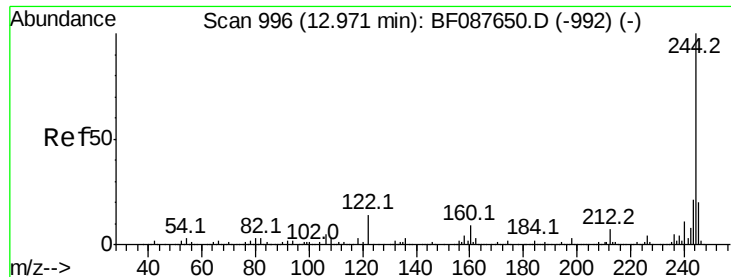
Tot Ion:188 Resp: 442715
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.6#
80 8.7 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087665.D
Acq: 4 Jun 2016 14:43

Tgt Ion:240 Resp: 356748
Ion Ratio Lower Upper
240 100
120 13.1 6.8 10.2#
236 25.8 20.2 30.2

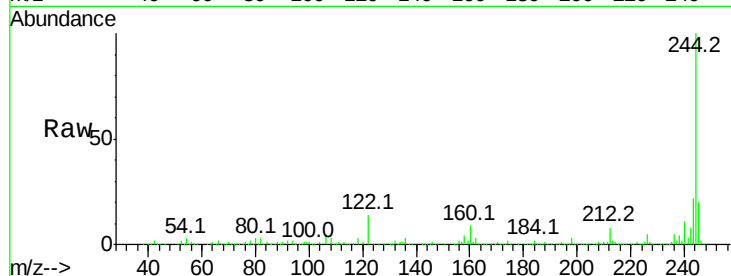




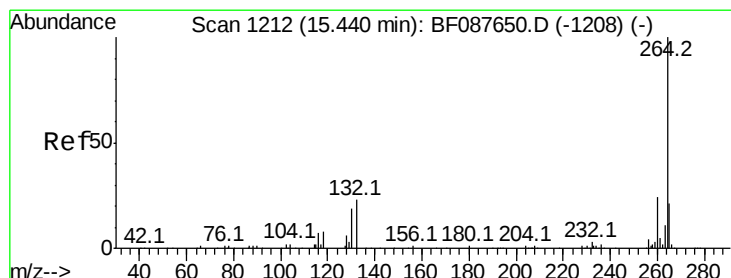
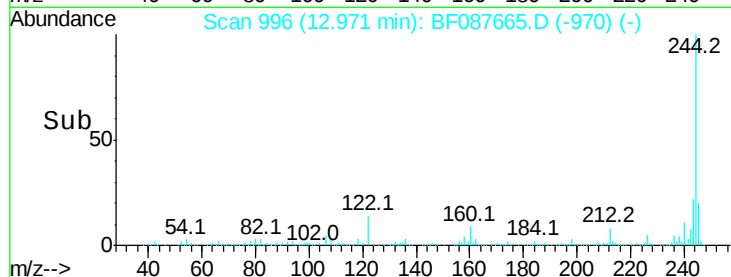
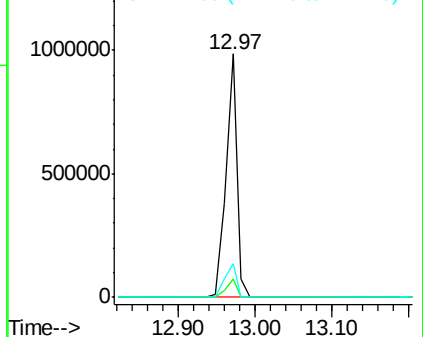
#78
 Terphenyl-d14
 Concen: 68.65 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087665.D
 Acq: 4 Jun 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BL

Tot Ion:244 Resp: 1003631
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.7 11.2 16.8

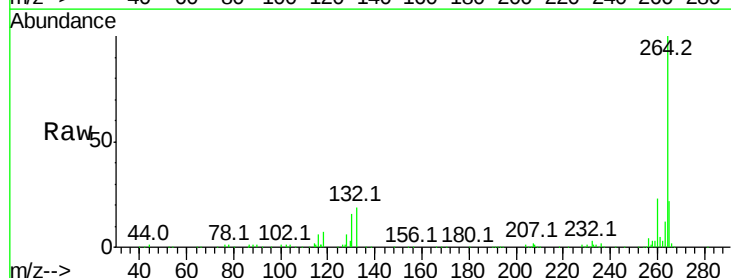


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087665.D
 Acq: 4 Jun 2016 14:43

Tgt Ion:264 Resp: 273778
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.2 16.9 25.3



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

