

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087659.D
 Acq On : 4 Jun 2016 11:43
 Operator : UM/SJ
 Sample : PB91074BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BL

Quant Time: Jun 05 01:19:29 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	116991	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	480945	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	221023	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	443087	20.00	ng	0.00
75) Chrysene-d12	14.01	240	352386	20.00	ng	-0.01
86) Perylene-d12	15.44	264	276192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	755935	104.44	ng	0.01
7) Phenol-d6	6.48	99	1008434	111.09	ng	-0.01
23) Nitrobenzene-d5	7.42	82	554761	66.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	229167	103.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1034226	67.28	ng	-0.01
78) Terphenyl-d14	12.97	244	956533	66.24	ng	0.00

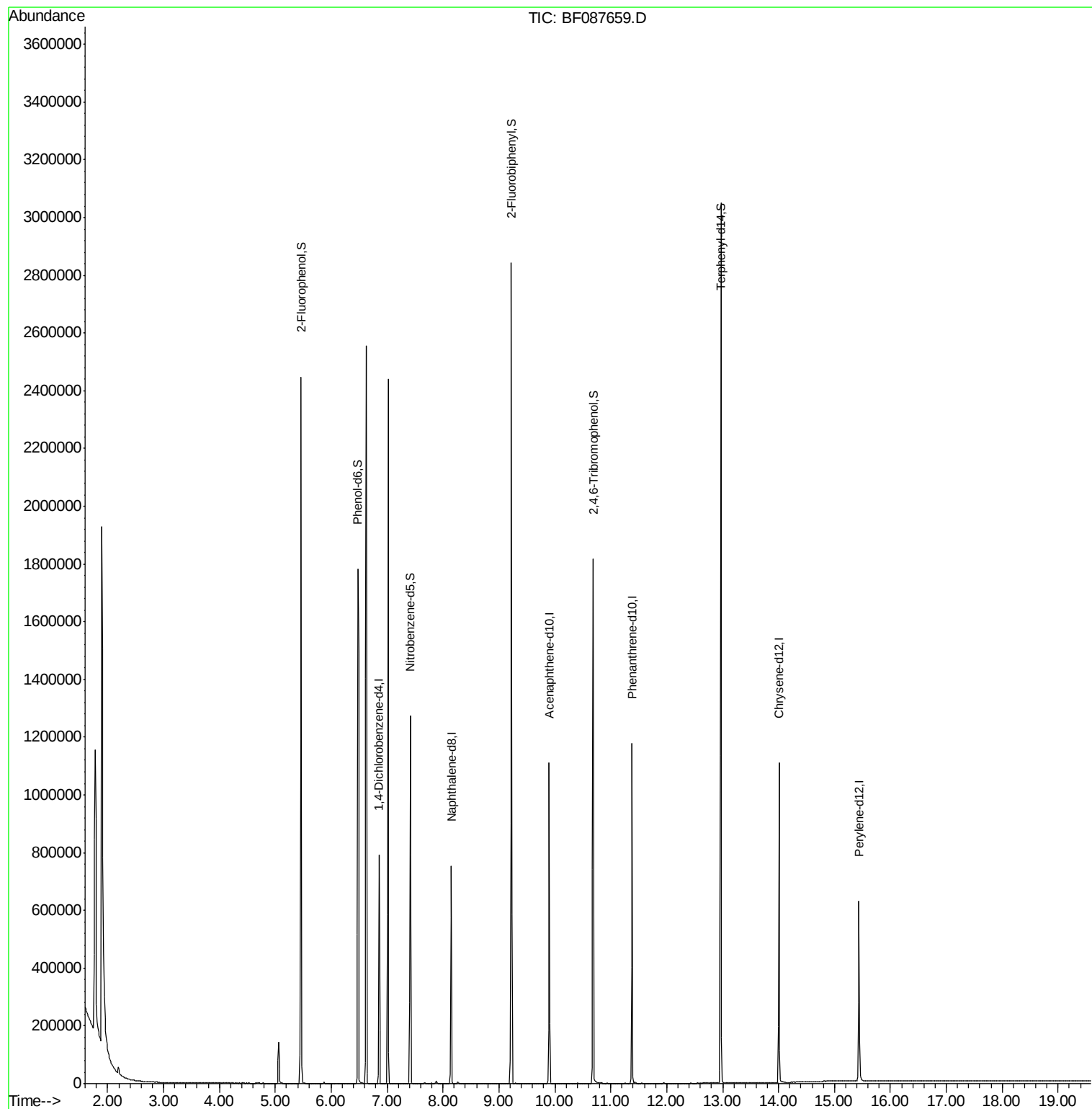
Target Compounds Qvalue

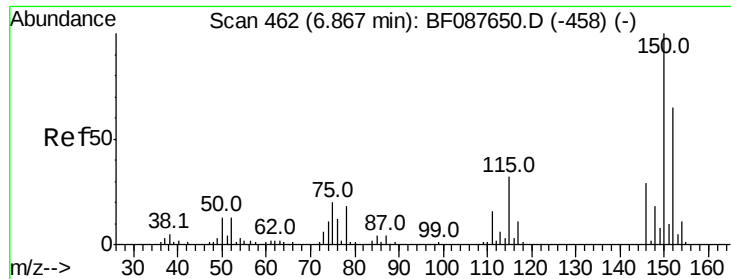
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087659.D
Acq On : 4 Jun 2016 11:43
Operator : UM/SJ
Sample : PB91074BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91074BL

Quant Time: Jun 05 01:19:29 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



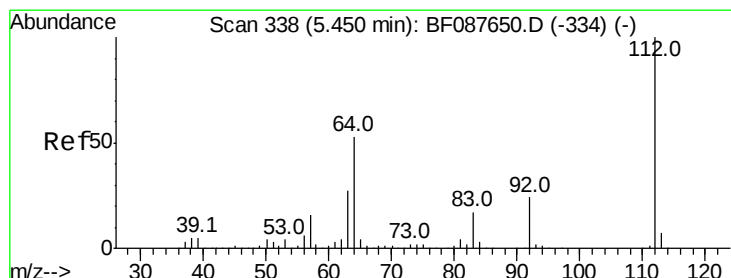
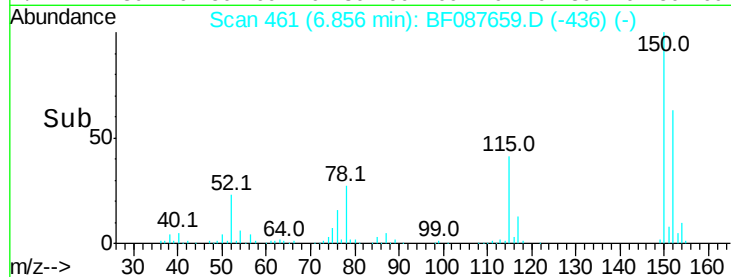
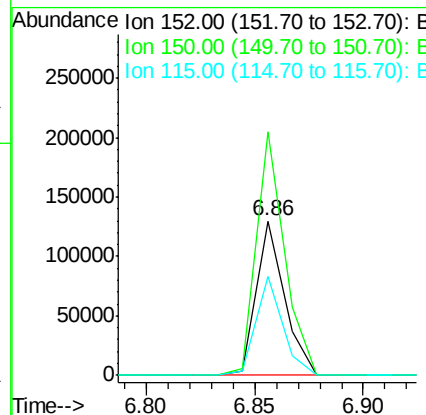
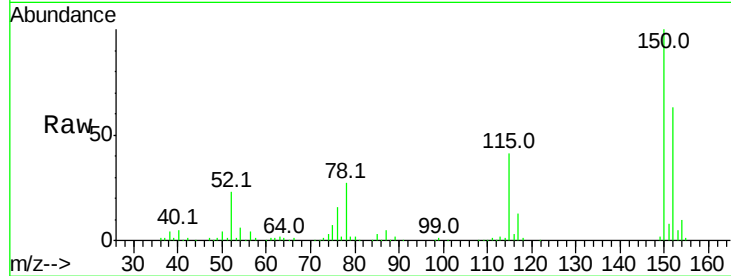


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087659.D
 Acq: 4 Jun 2016 11:43

Instrument :
 BNA_F
 ClientSampled :
 PB91074BL

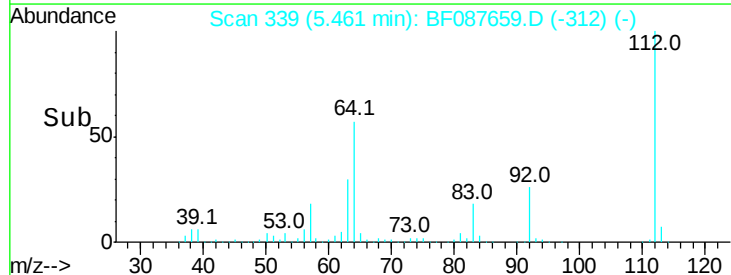
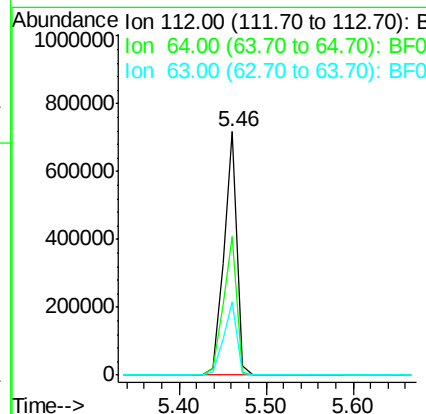
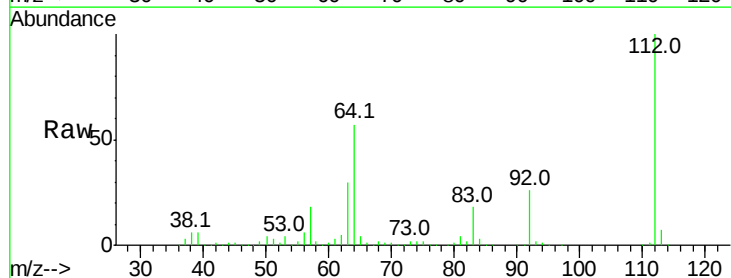
Tot Ion:152 Resp: 116991
 Ion Ratio Lower Upper
 152 100
 150 158.1 123.8 185.6
 115 64.1 39.6 59.4#

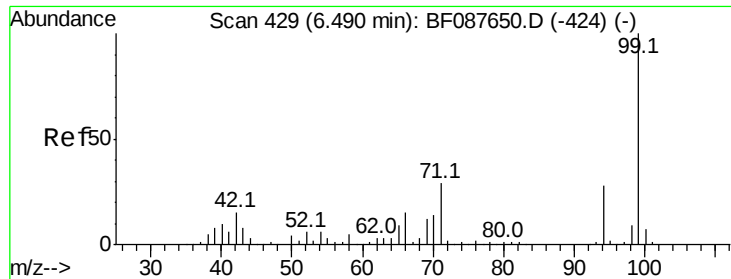


#5

2-Fluorophenol
 Concen: 104.44 ng
 RT: 5.46 min Scan# 339
 Delta R.T. 0.01 min
 Lab File: BF087659.D
 Acq: 4 Jun 2016 11:43

Tgt Ion:112 Resp: 755935
 Ion Ratio Lower Upper
 112 100
 64 57.1 42.2 63.2
 63 30.0 21.8 32.8





#7

Phenol-d6

Concen: 111.09 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087659.D

Acq: 4 Jun 2016 11:43

Instrument :

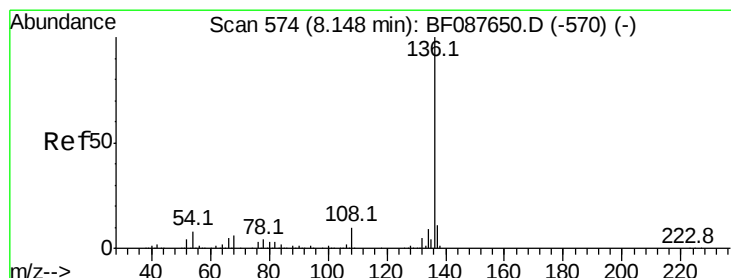
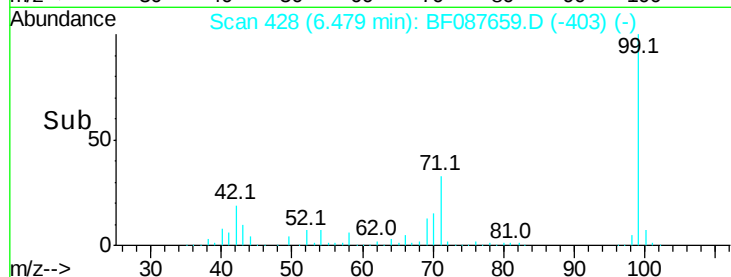
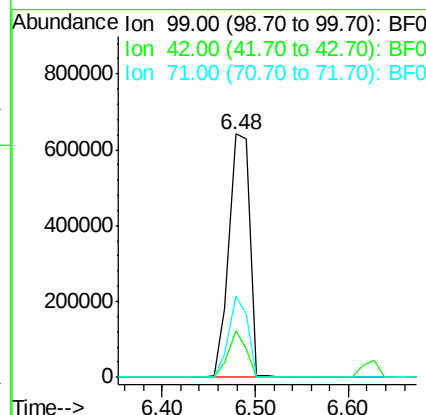
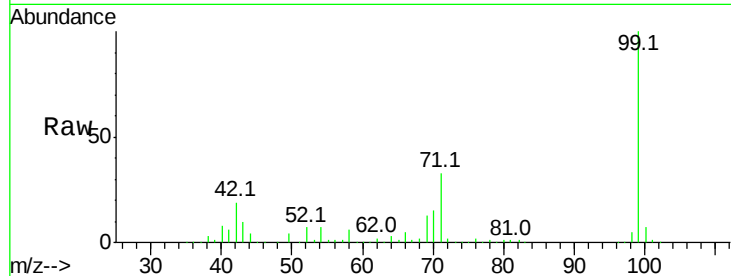
BNA_F

ClientSampleId :

PB91074BL

Tot Ion: 99 Resp: 1008434

Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.2	18.2#
71	33.5	23.4	35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

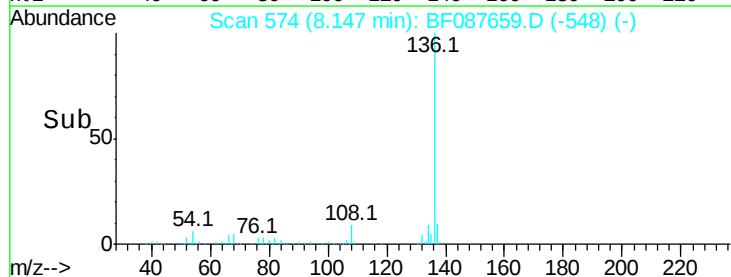
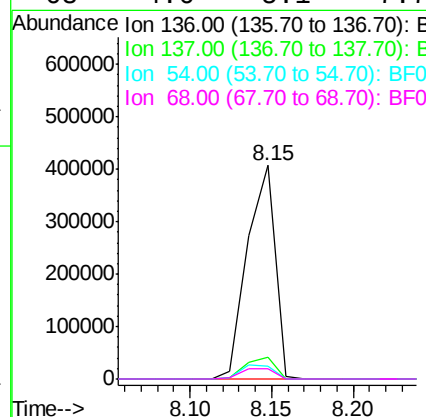
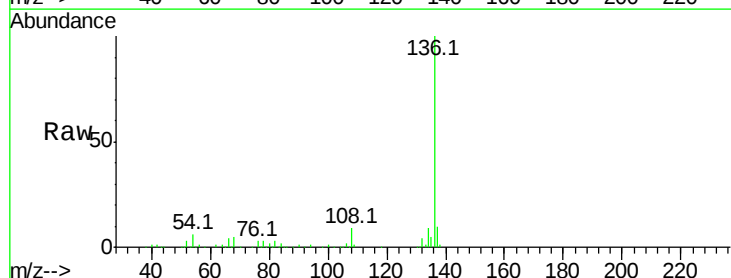
Delta R.T. -0.00 min

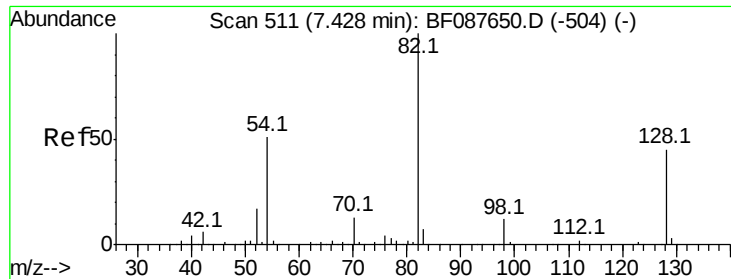
Lab File: BF087659.D

Acq: 4 Jun 2016 11:43

Tgt Ion: 136 Resp: 480945

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.8	6.6	10.0#
68	4.6	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 66.74 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087659.D

Acq: 4 Jun 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB91074BL

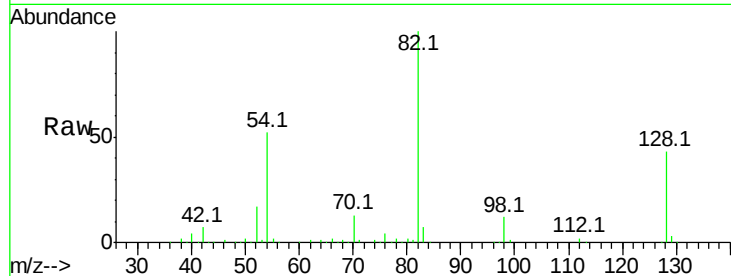
Tot Ion: 82 Resp: 554761

Ion Ratio Lower Upper

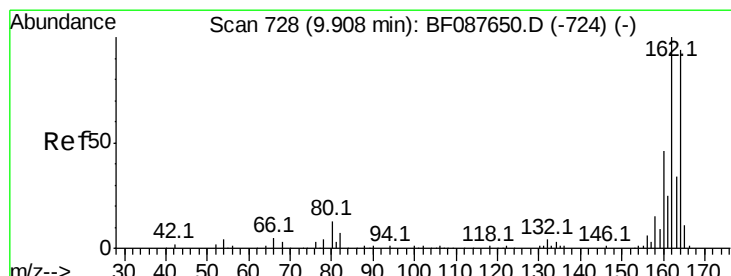
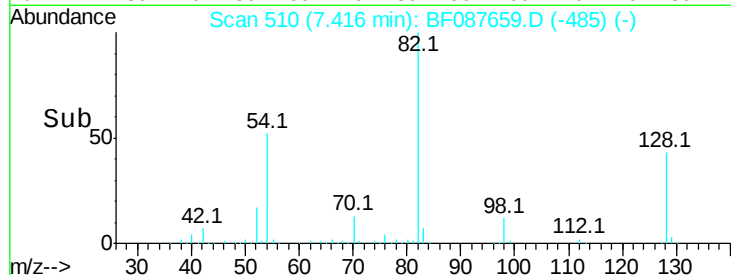
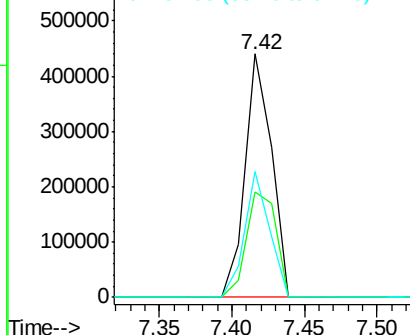
82 100

128 43.1 35.9 53.9

54 52.0 40.9 61.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087659.D

Acq: 4 Jun 2016 11:43

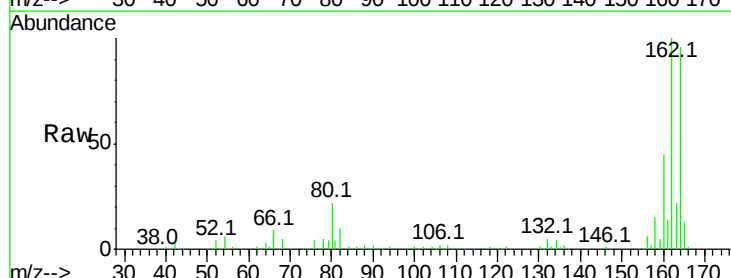
Tgt Ion:164 Resp: 221023

Ion Ratio Lower Upper

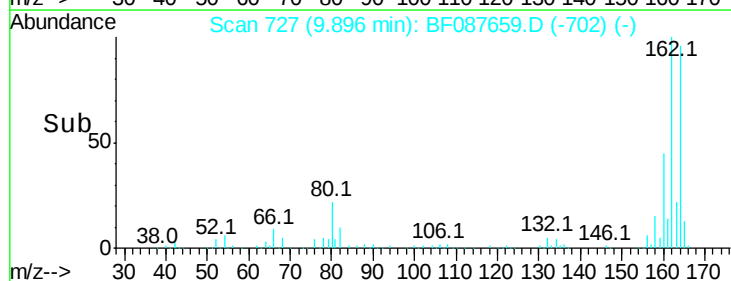
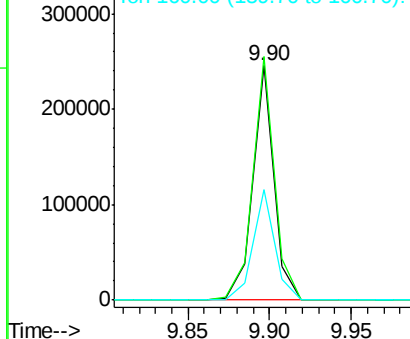
164 100

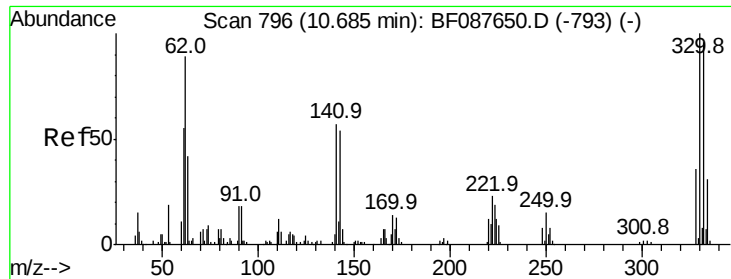
162 104.0 85.4 128.2

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

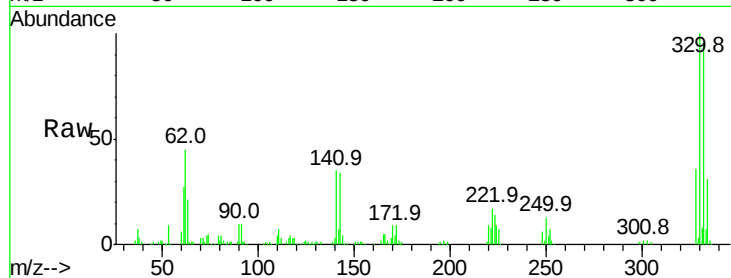




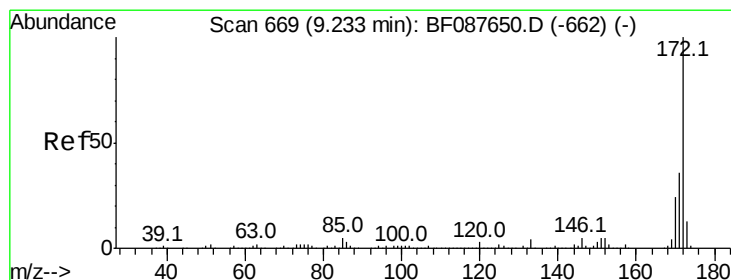
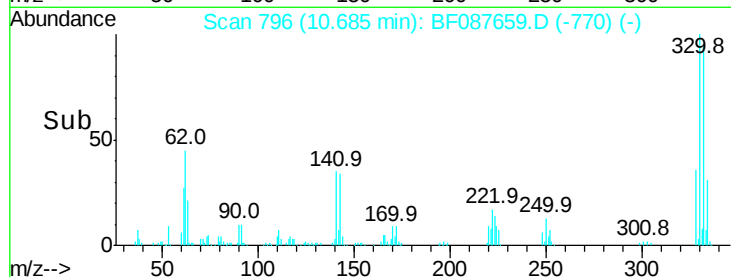
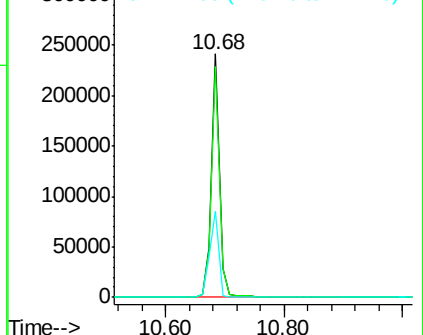
#41
 2,4,6-Tribromophenol
 Concen: 103.29 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087659.D
 Acq: 4 Jun 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BL

Tot Ion:330 Resp: 229167
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 40.0 0.0 0.0#

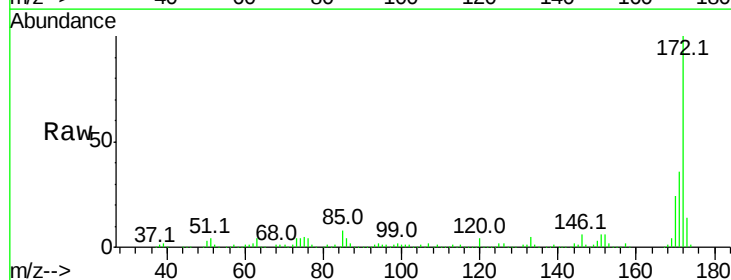


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

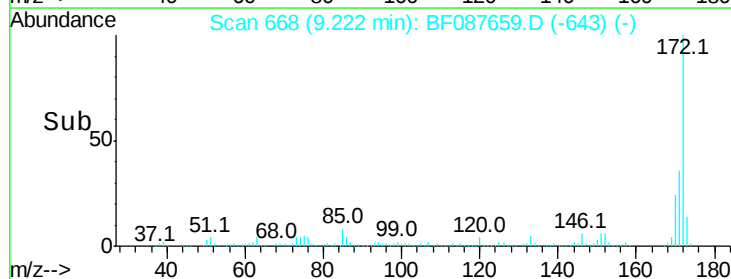
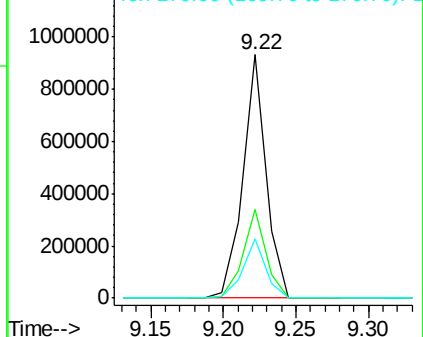


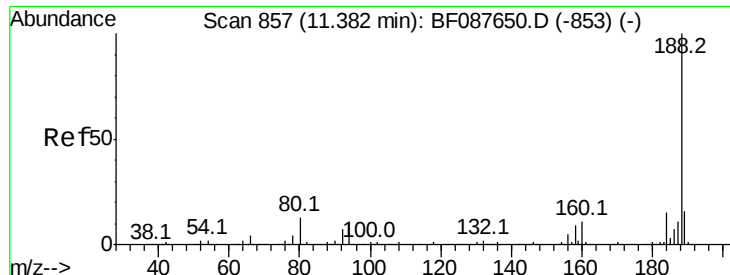
#44
 2-Fluorobiphenyl
 Concen: 67.28 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087659.D
 Acq: 4 Jun 2016 11:43

Tgt Ion:172 Resp: 1034226
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.2 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

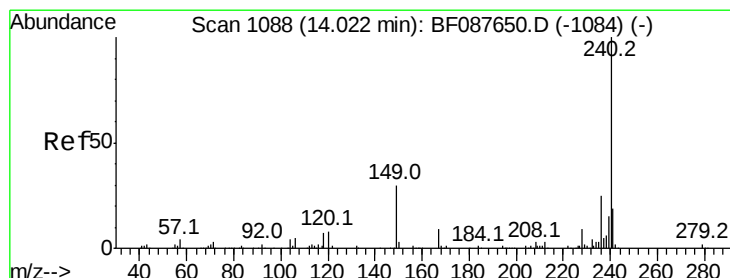
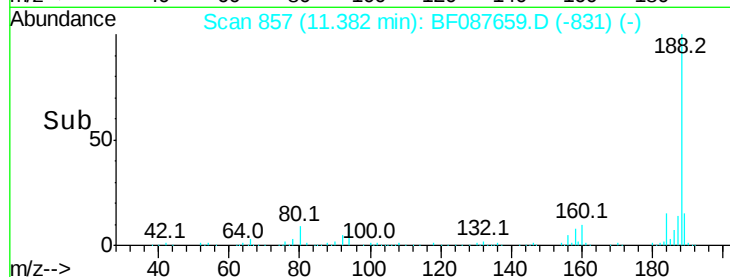
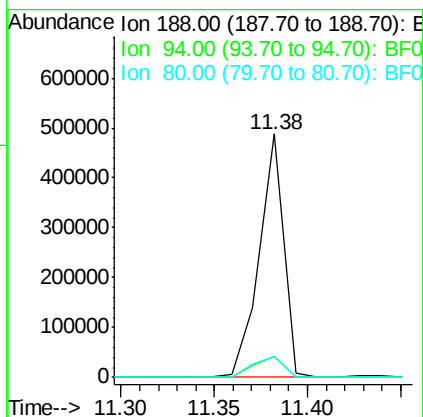
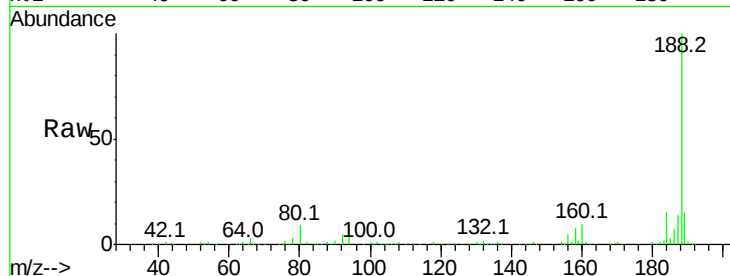




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087659.D
Acq: 4 Jun 2016 11:43

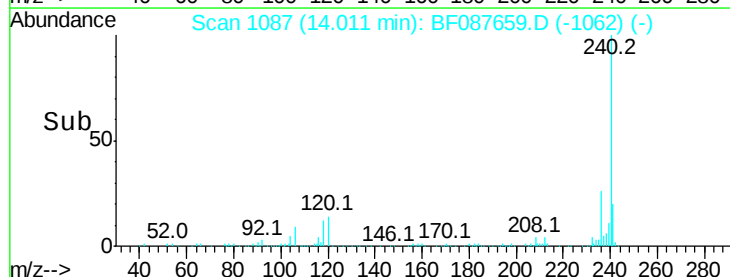
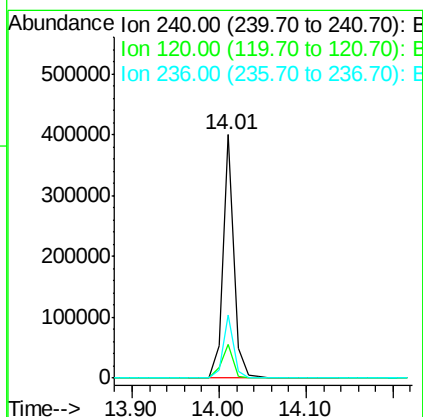
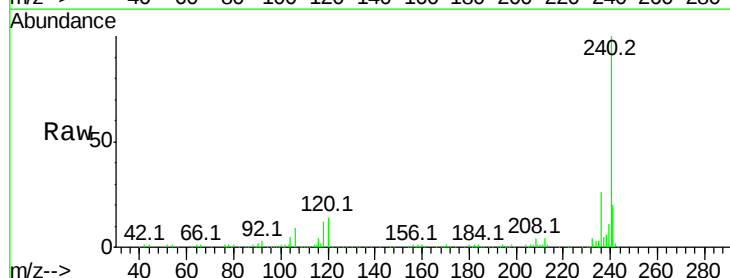
Instrument :
BNA_F
ClientSampleId :
PB91074BL

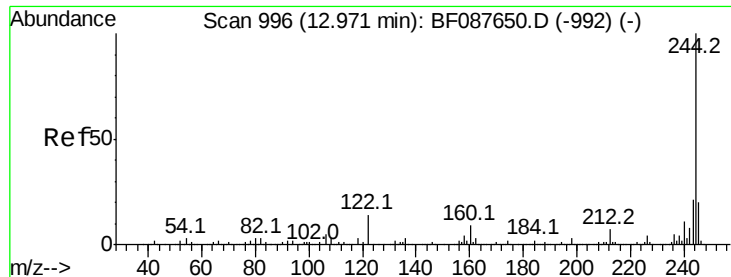
Tot Ion:188 Resp: 443087
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.6#
80 8.7 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087659.D
Acq: 4 Jun 2016 11:43

Tgt Ion:240 Resp: 352386
Ion Ratio Lower Upper
240 100
120 13.9 6.8 10.2#
236 26.2 20.2 30.2

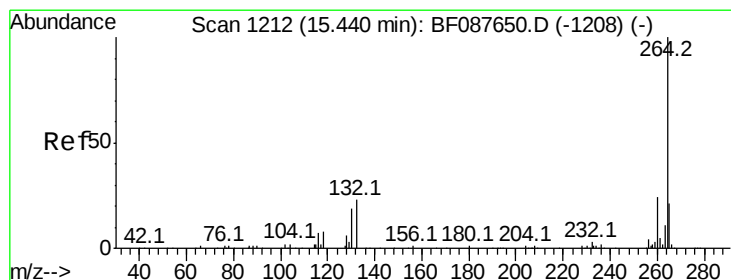
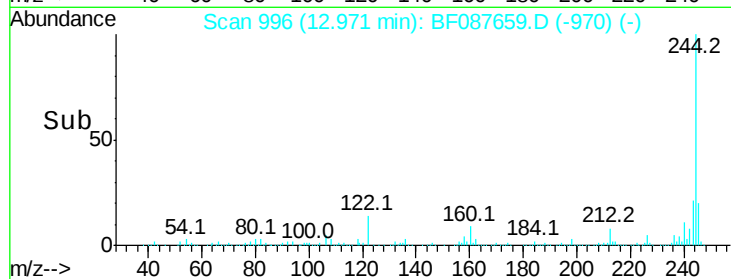
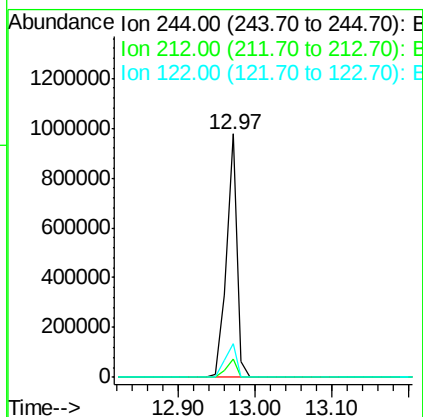
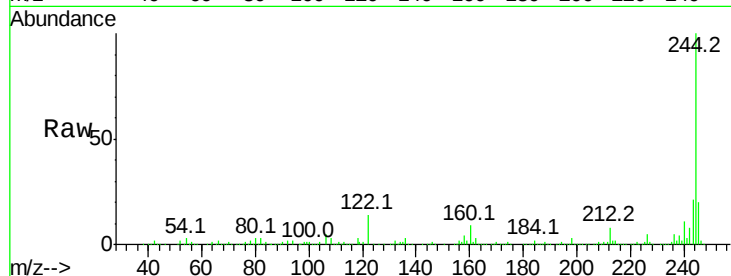




#78
 Terphenyl-d14
 Concen: 66.24 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087659.D
 Acq: 4 Jun 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BL

Tot Ion:244 Resp: 956533
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.7 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087659.D
 Acq: 4 Jun 2016 11:43

Tgt Ion:264 Resp: 276192
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 16.9 25.3

