

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087906.D
 Acq On : 11 Jun 2016 17:07
 Operator : UM/SJ
 Sample : PB91119BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BL

Quant Time: Jun 12 05:17:59 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	6.80	152	104937	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	445442	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	204659	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	363784	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	359928	20.00	ng	-0.03
86) Perylene-d12	15.37	264	303468	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	755763	123.12	ng	-0.02
7) Phenol-d6	6.43	99	852112	114.54	ng	-0.05
23) Nitrobenzene-d5	7.37	82	581728	76.26	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	219173	101.42	ng	-0.03
44) 2-Fluorobiphenyl	9.16	172	1065788	81.59	ng	-0.05
78) Terphenyl-d14	12.91	244	951014	60.13	ng	-0.03

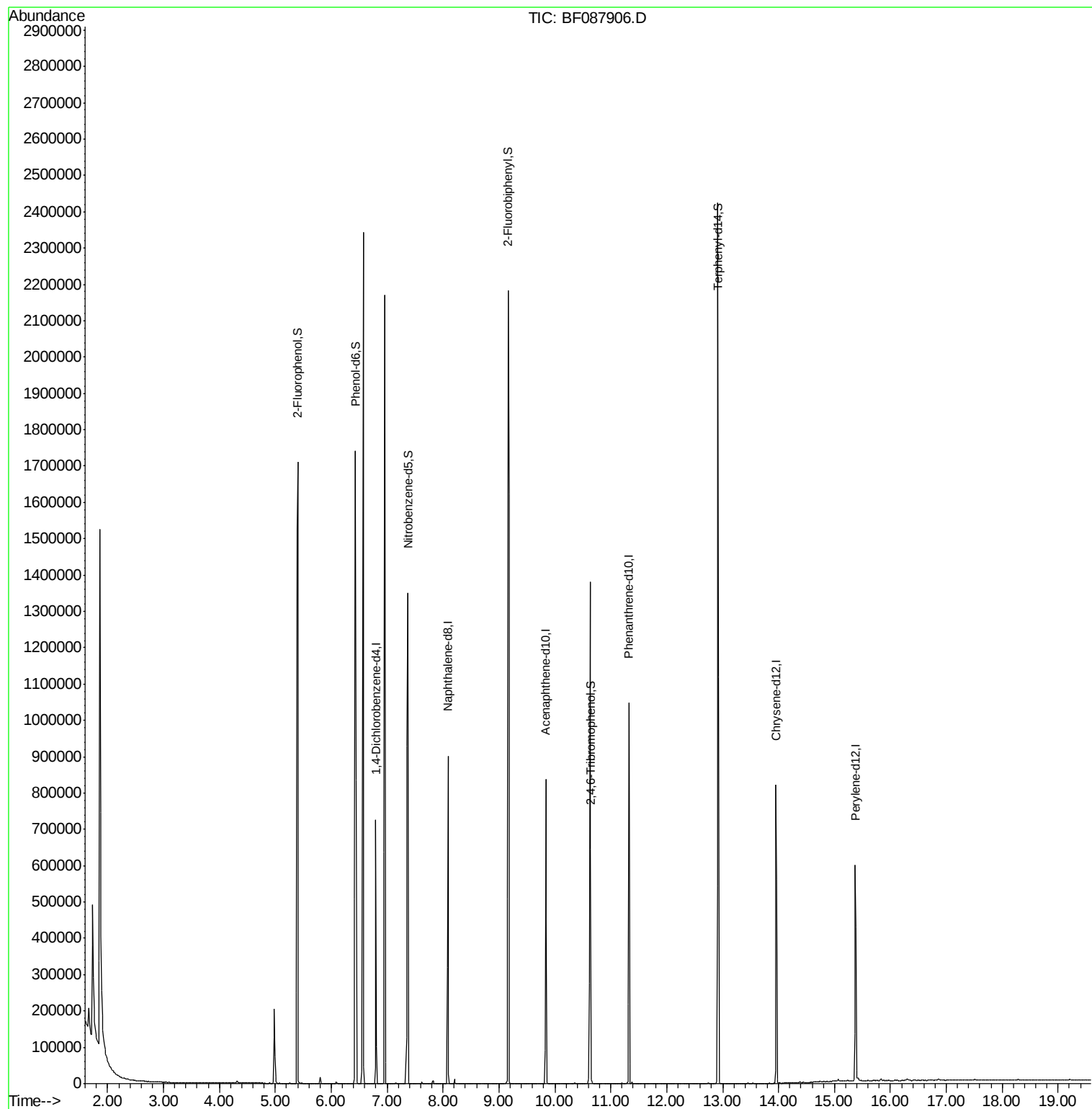
Target Compounds Qvalue

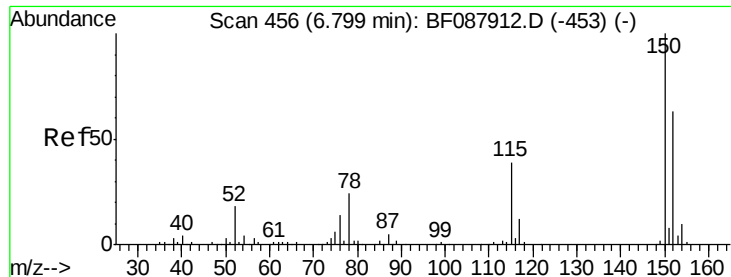
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087906.D

Acq: 11 Jun 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB91119BL

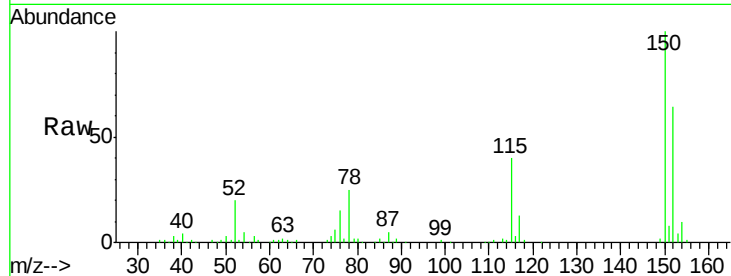
Tot Ion:152 Resp: 104937

Ion Ratio Lower Upper

152 100

150 155.2 123.8 185.6

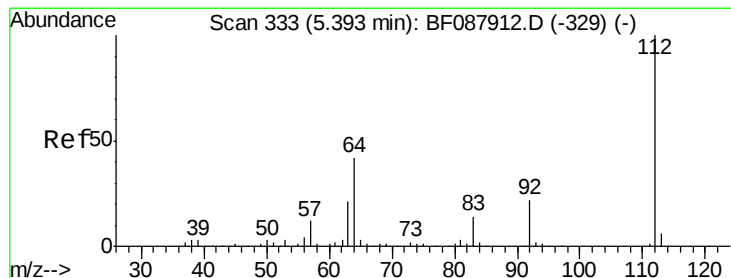
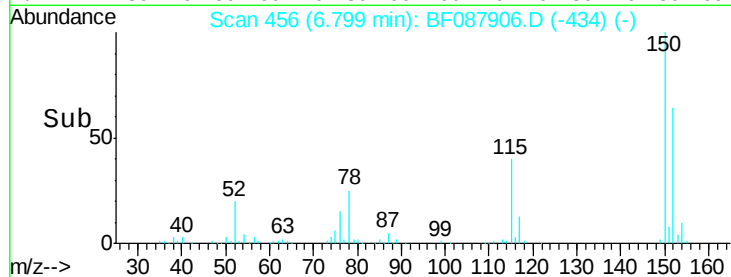
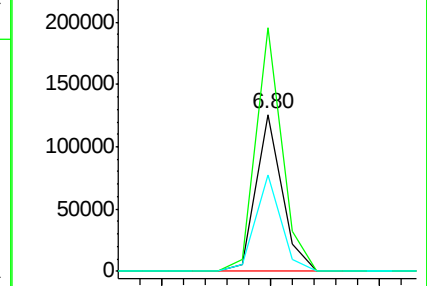
115 61.5 39.6 59.4#



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: 123.12 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF087906.D

Acq: 11 Jun 2016 17:07

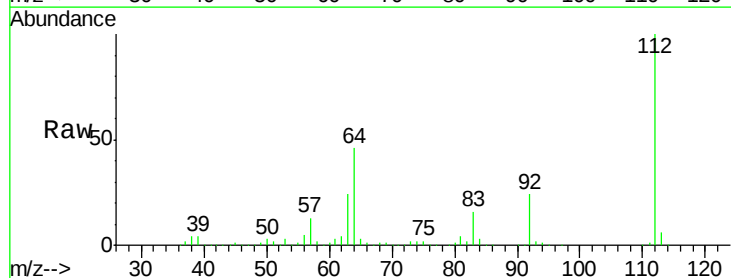
Tgt Ion:112 Resp: 755763

Ion Ratio Lower Upper

112 100

64 45.9 42.2 63.2

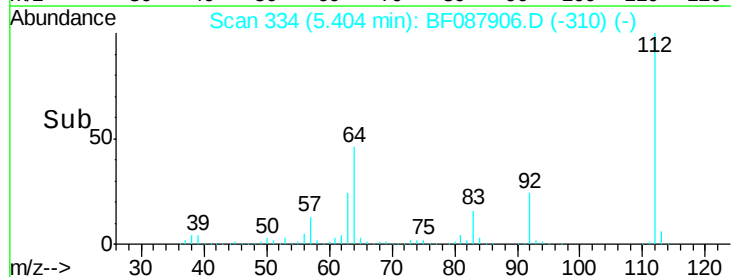
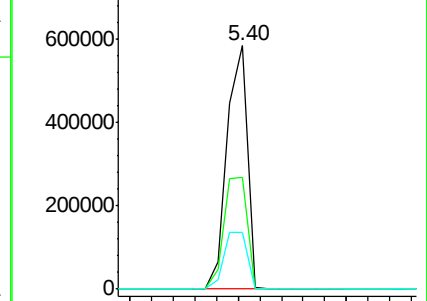
63 23.6 21.8 32.8

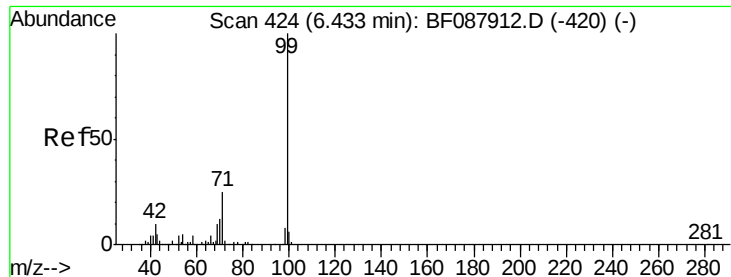


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.54 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087906.D

Acq: 11 Jun 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB91119BL

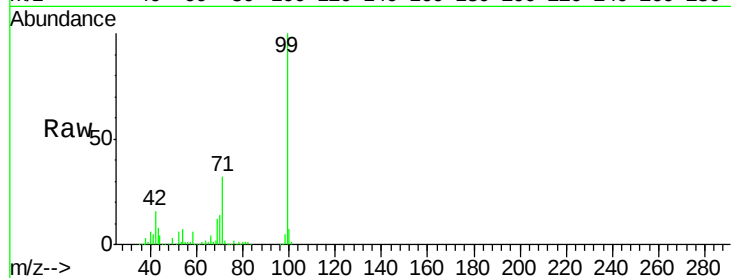
Tot Ion: 99 Resp: 852112

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

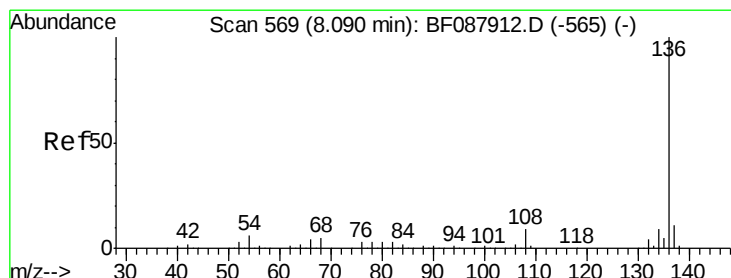
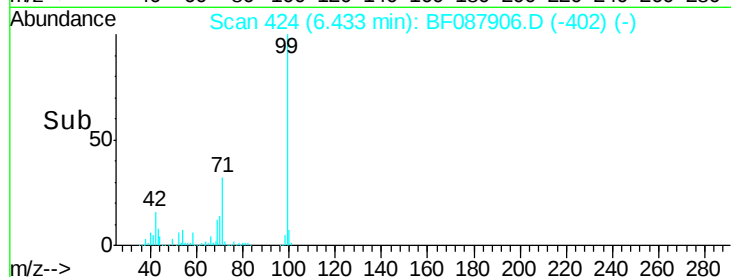
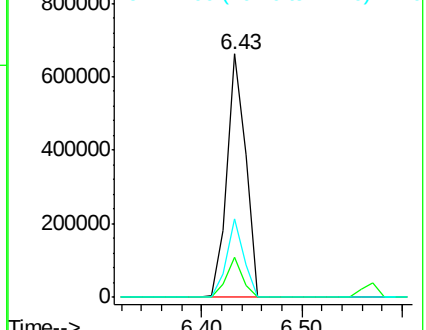
71 32.5 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087906.D

Acq: 11 Jun 2016 17:07

Tgt Ion: 136 Resp: 445442

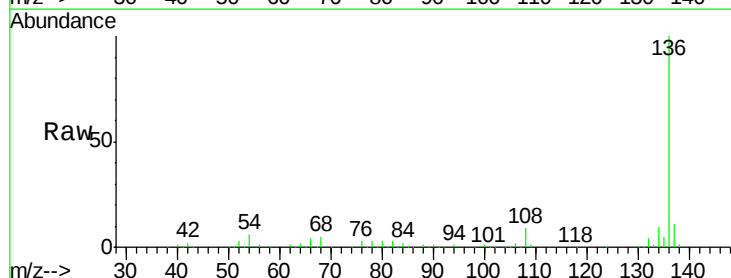
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.3 6.6 10.0#

68 5.4 5.1 7.7

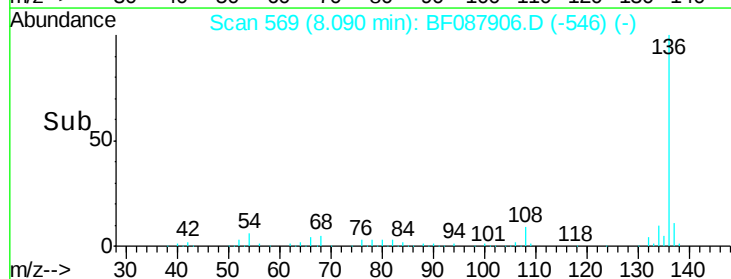
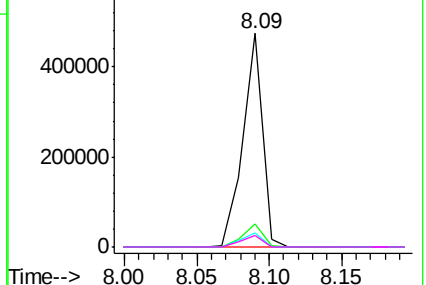


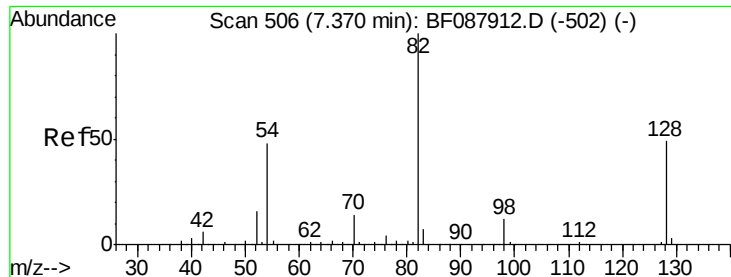
Abundance Ion 136.00 (135.70 to 136.70): E

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

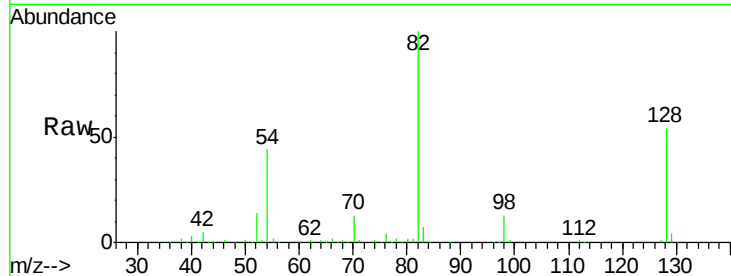




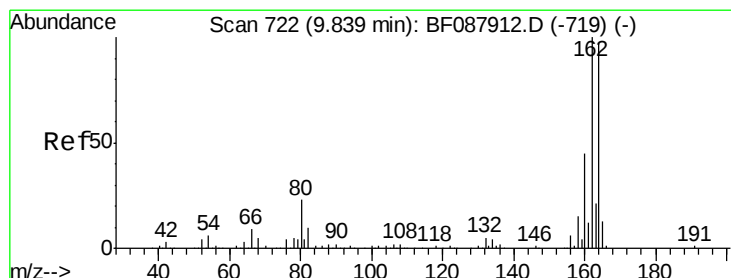
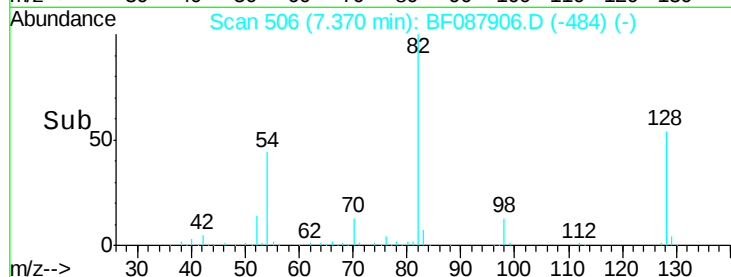
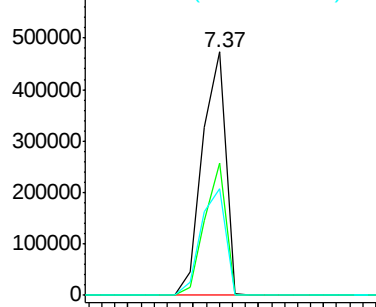
#23
 Nitrobenzene-d5
 Concen: 76.26 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087906.D
 Acq: 11 Jun 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BL

Tot Ion: 82 Resp: 581728
 Ion Ratio Lower Upper
 82 100
 128 54.2 35.9 53.9#
 54 43.6 40.9 61.3

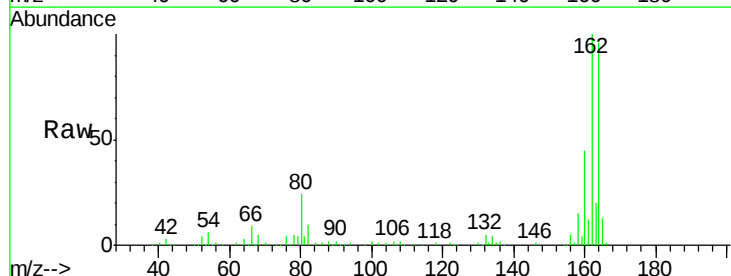


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

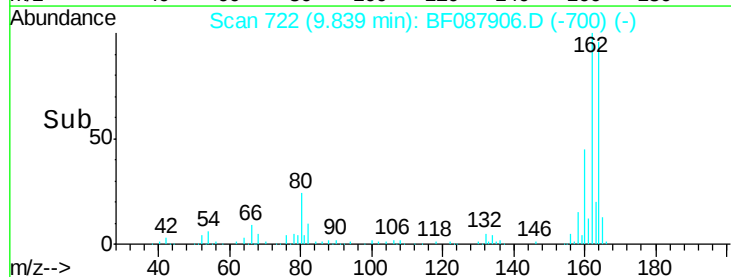
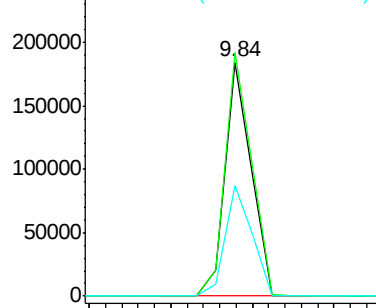


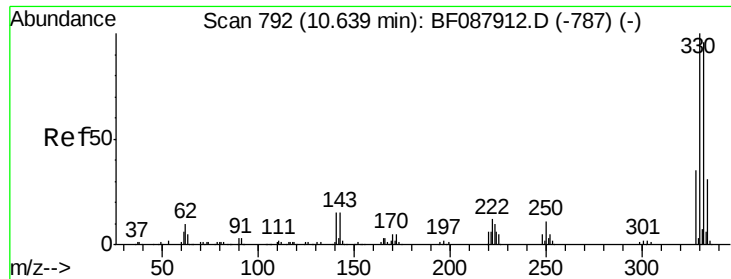
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087906.D
 Acq: 11 Jun 2016 17:07

Tgt Ion:164 Resp: 204659
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 47.1 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

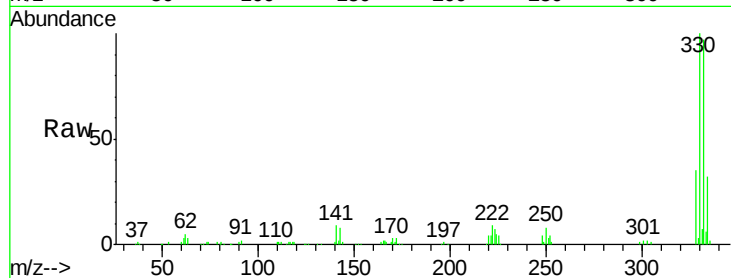




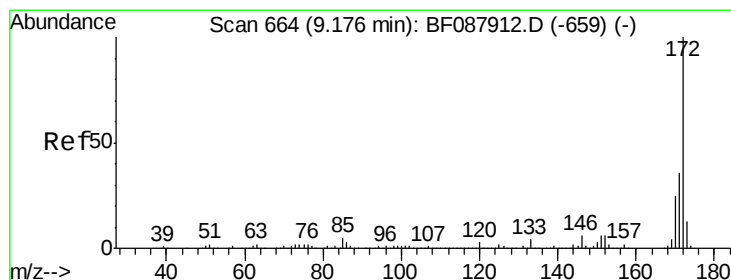
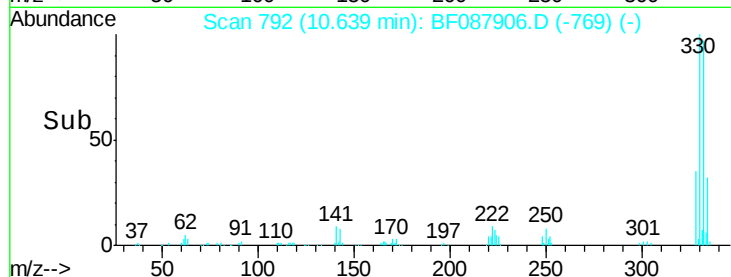
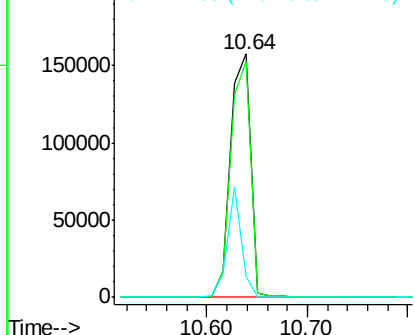
#41
 2,4,6-Tribromophenol
 Concen: 101.42 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087906.D
 Acq: 11 Jun 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	32.2	0.0	0.0#

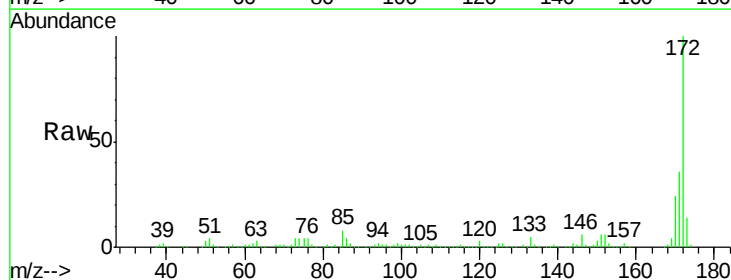


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

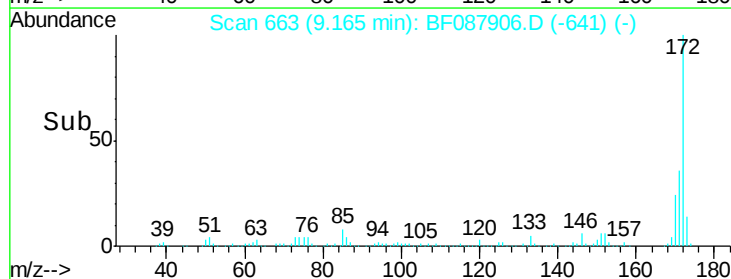
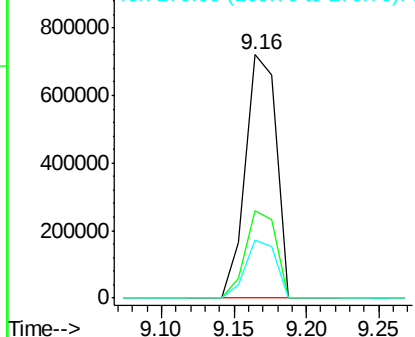


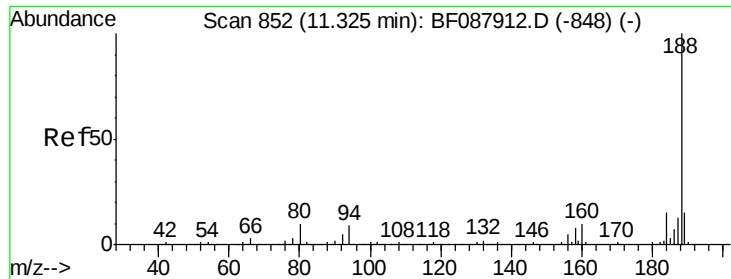
#44
 2-Fluorobiphenyl
 Concen: 81.59 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087906.D
 Acq: 11 Jun 2016 17:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.9	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

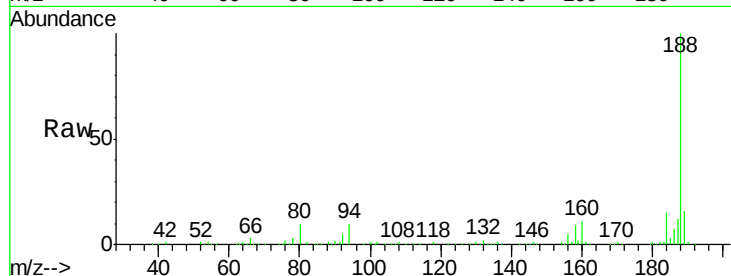




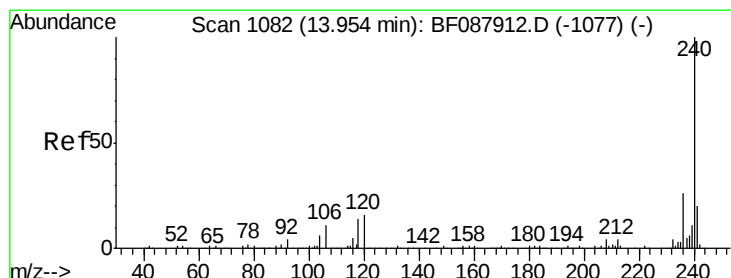
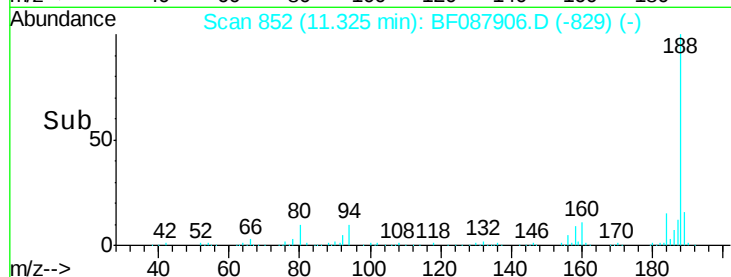
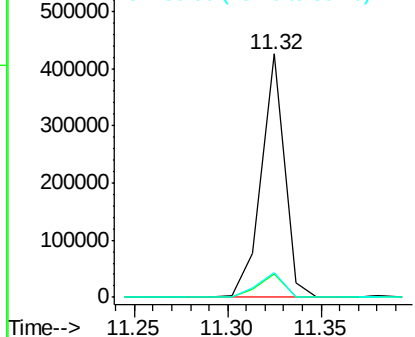
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument :
BNA_F
ClientSampled :
PB91119BL

Tot Ion:188 Resp: 363784
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.6
80 10.0 10.0 15.0

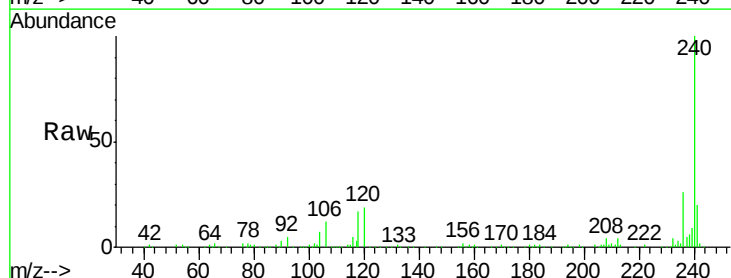


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

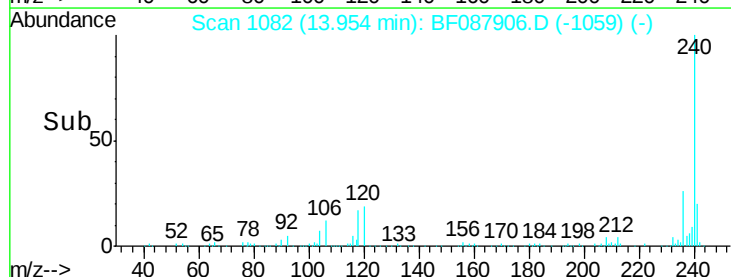
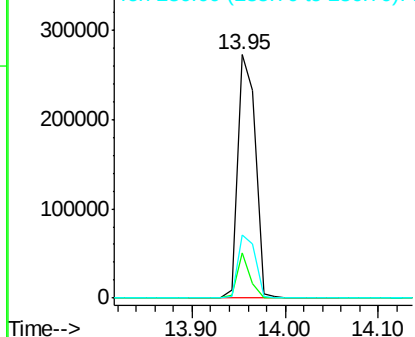


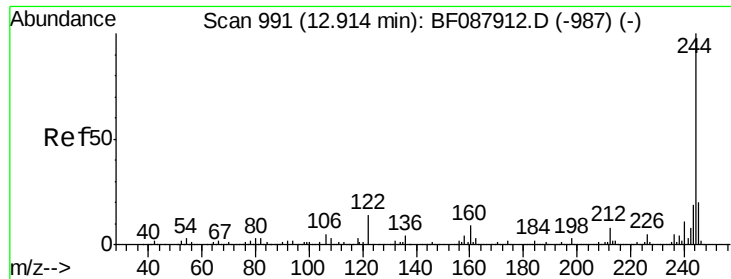
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:240 Resp: 359928
Ion Ratio Lower Upper
240 100
120 18.7 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

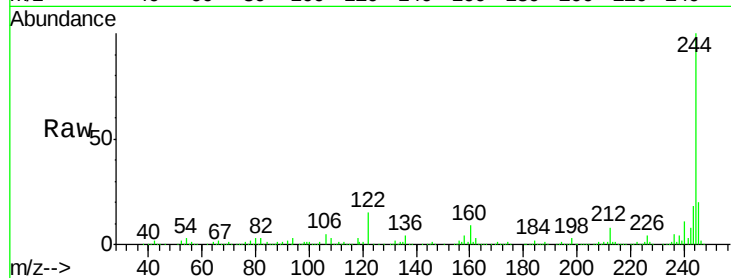




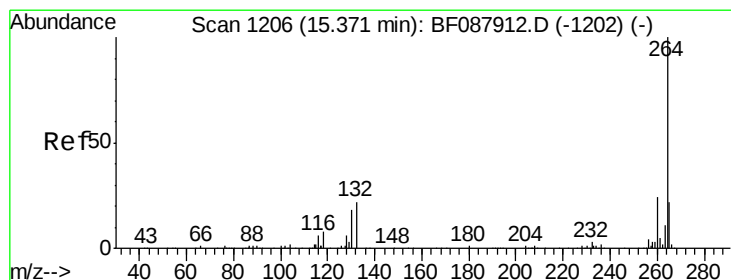
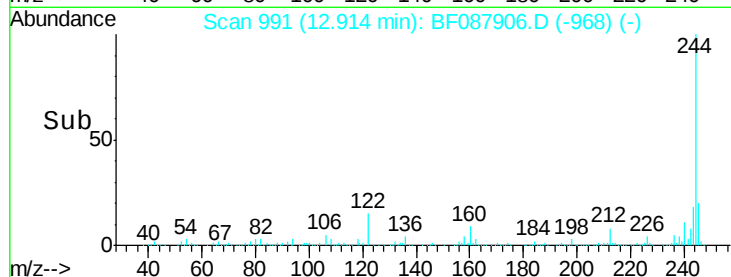
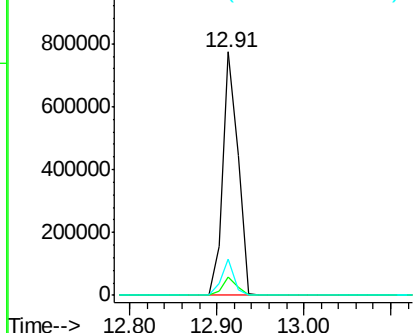
#78
 Terphenyl-d14
 Concen: 60.13 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087906.D
 Acq: 11 Jun 2016 17:07

Instrument :
 BNA_F
 ClientSampleID :
 PB91119BL

Tot Ion:244 Resp: 951014
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 15.1 11.2 16.8

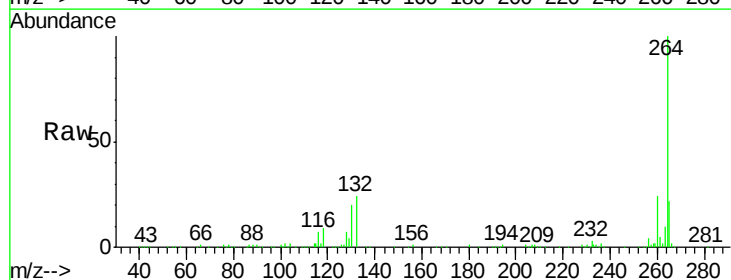


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087906.D
 Acq: 11 Jun 2016 17:07

Tgt Ion:264 Resp: 303468
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.1 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

