

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087929.D
 Acq On : 12 Jun 2016 5:22
 Operator : UM/SJ
 Sample : H3501-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENT-RINSEBLANK

Quant Time: Jun 12 06:11:40 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	106441	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	427293	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	212246	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	402132	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	339681	20.00	ng	-0.03
86) Perylene-d12	15.37	264	242517	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	442938	71.14	ng	-0.05
7) Phenol-d6	6.42	99	331911	43.99	ng	-0.06
23) Nitrobenzene-d5	7.37	82	739304	101.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	265116	118.30	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1212784	90.10	ng	-0.05
78) Terphenyl-d14	12.91	244	1083253	72.57	ng	-0.03

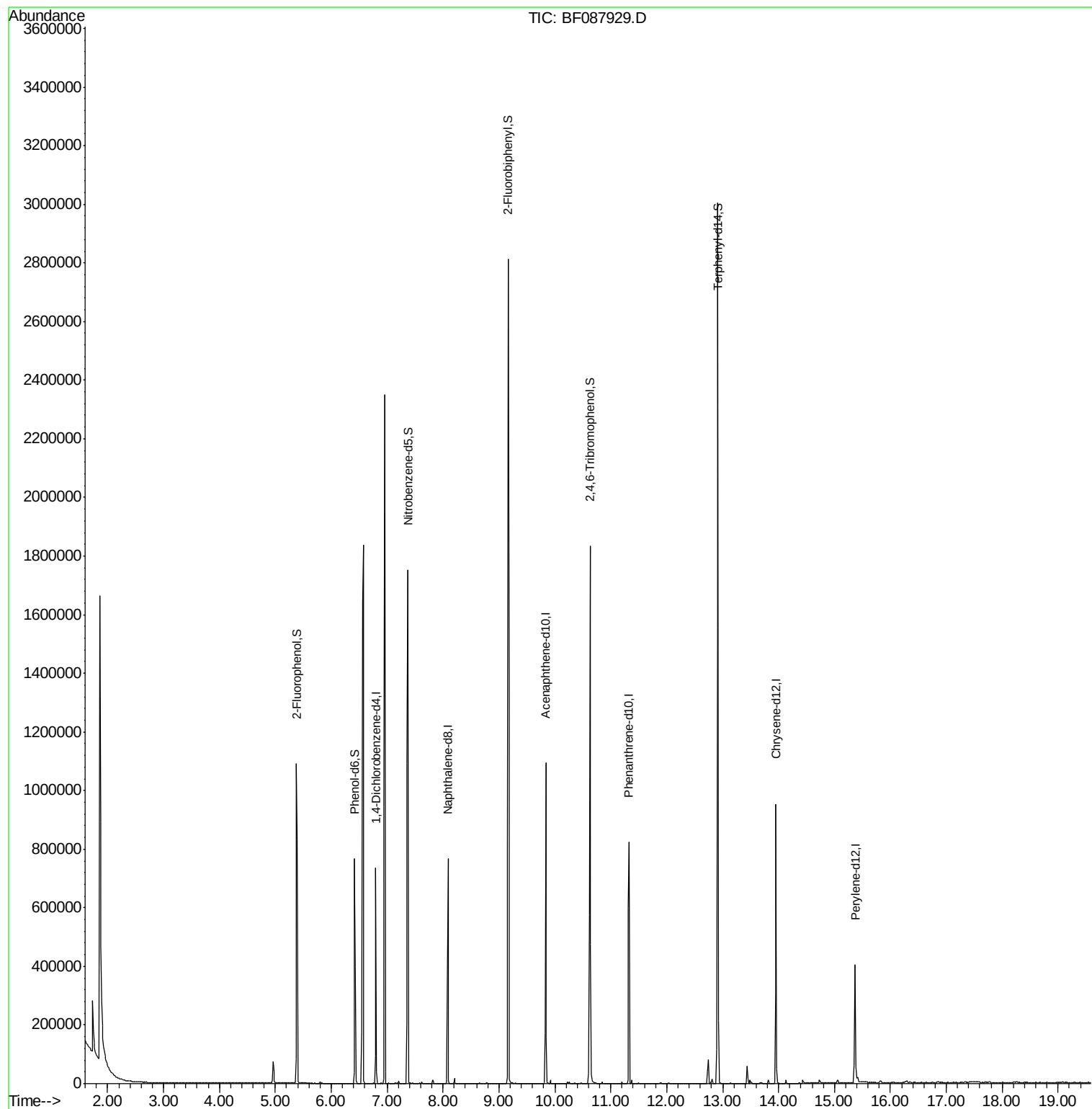
Target Compounds Qvalue

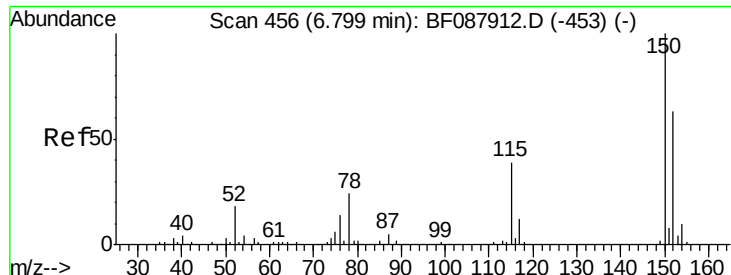
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087929.D
Acq On : 12 Jun 2016 5:22
Operator : UM/SJ
Sample : H3501-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EQUIPMENT-RINSEBLANK

Quant Time: Jun 12 06:11:40 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087929.D

Acq: 12 Jun 2016 5:22

Instrument :

BNA_F

ClientSampleId :

EQUIPMENT-RINSEBLANK

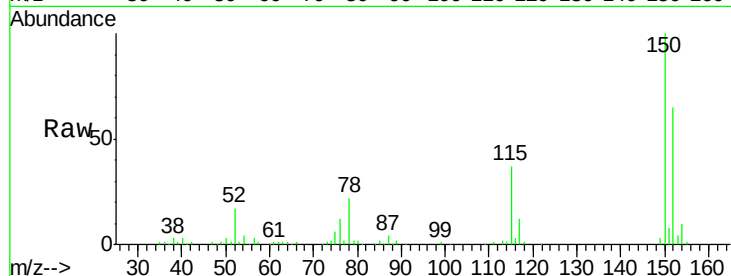
Tot Ion:152 Resp: 106441

Ion Ratio Lower Upper

152 100

150 155.0 123.8 185.6

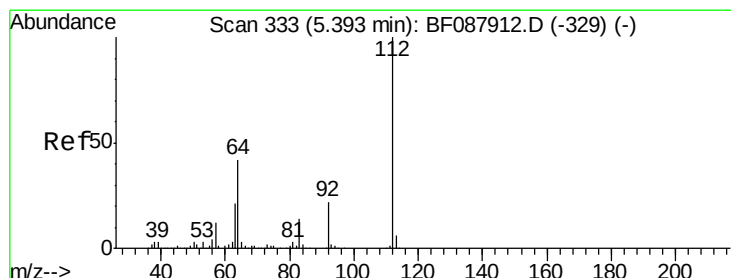
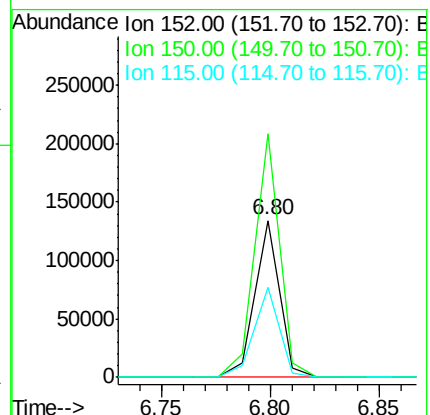
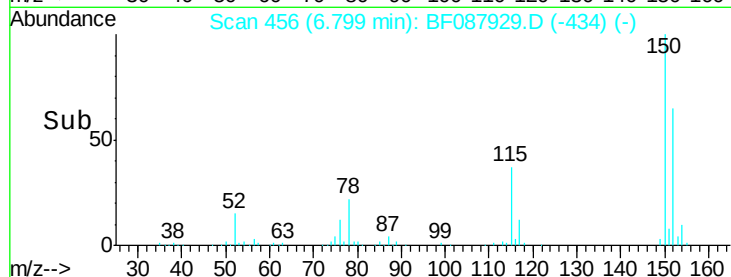
115 56.9 39.6 59.4



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: 71.14 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.05 min

Lab File: BF087929.D

Acq: 12 Jun 2016 5:22

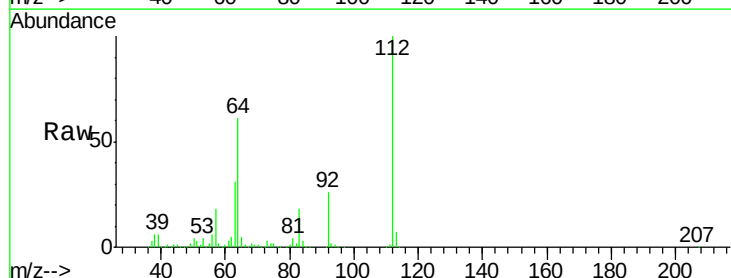
Tgt Ion:112 Resp: 442938

Ion Ratio Lower Upper

112 100

64 60.8 42.2 63.2

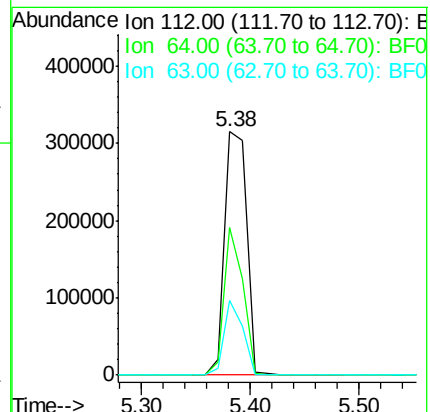
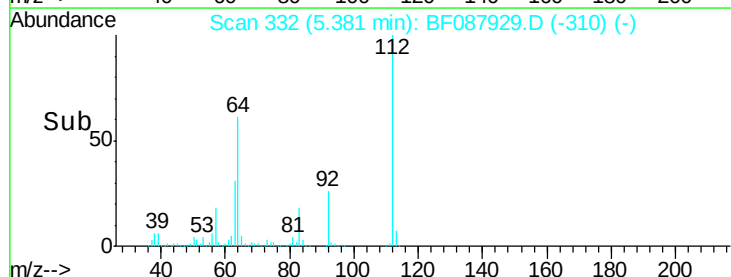
63 30.6 21.8 32.8

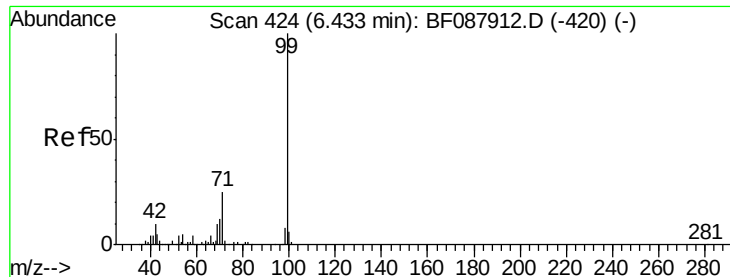


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.99 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.06 min

Lab File: BF087929.D

Acq: 12 Jun 2016 5:22

Instrument :

BNA_F

ClientSampleId :

EQUIPMENT-RINSEBLANK

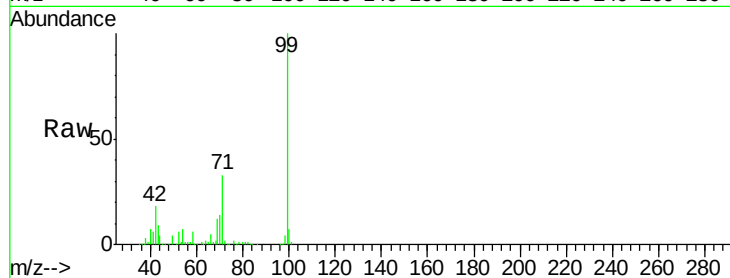
Tot Ion: 99 Resp: 331911

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

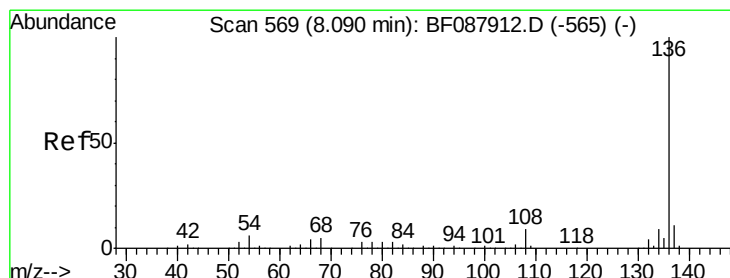
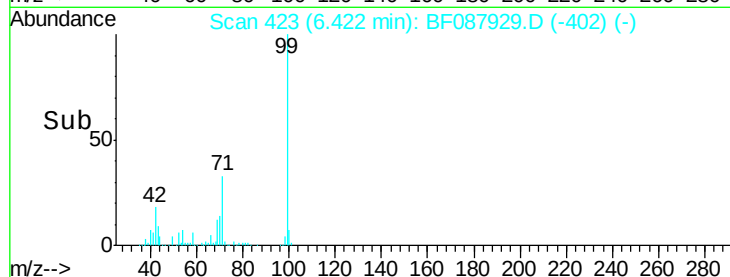
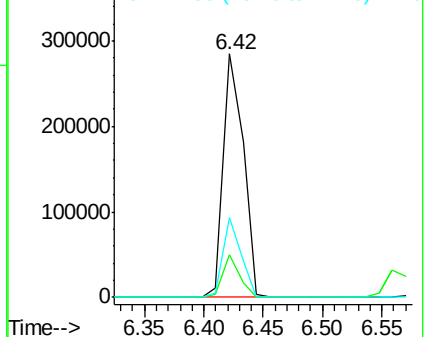
71 32.9 23.4 35.0



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: BF087929.D

Acq: 12 Jun 2016 5:22

Tgt Ion: 136 Resp: 427293

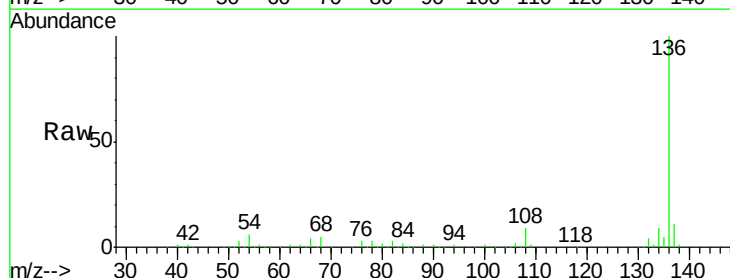
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.6 6.6 10.0#

68 4.8 5.1 7.7#

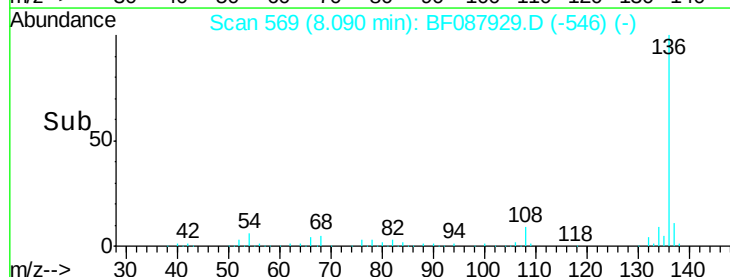
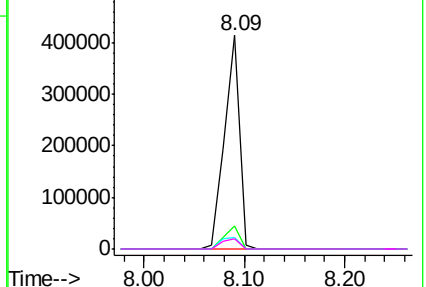


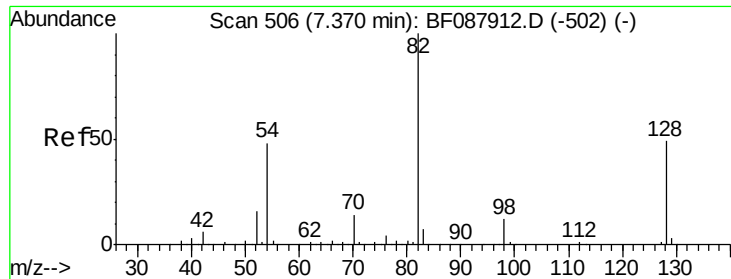
Abundance Ion 136.00 (135.70 to 136.70): E

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

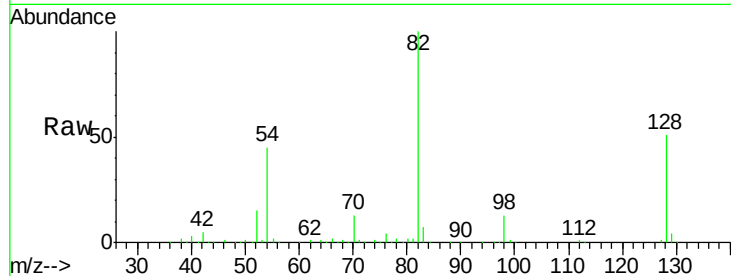




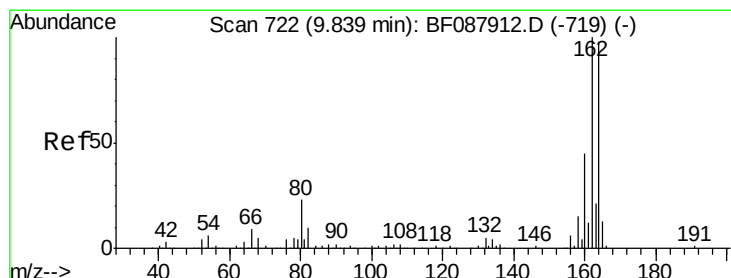
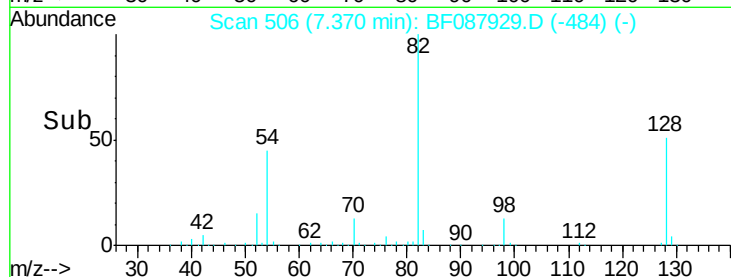
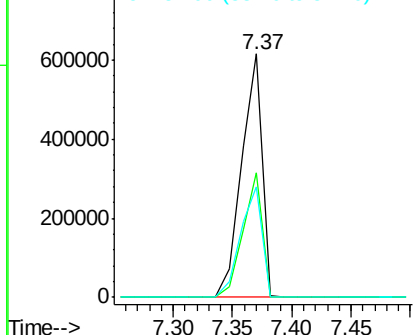
#23
Nitrobenzene-d5
Concen: 101.03 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087929.D
Acq: 12 Jun 2016 5:22

Instrument :
BNA_F
ClientSampleId :
EQUIPMENT-RINSEBLANK

Tot Ion: 82 Resp: 739304
Ion Ratio Lower Upper
82 100
128 50.9 35.9 53.9
54 45.1 40.9 61.3

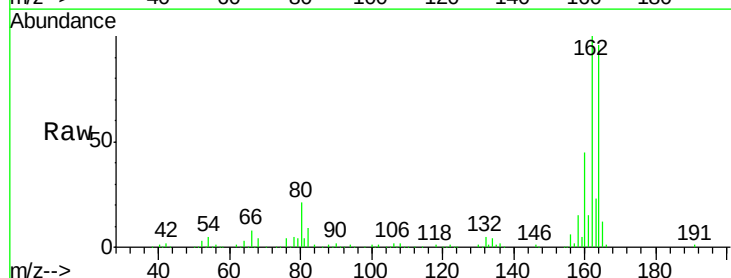


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

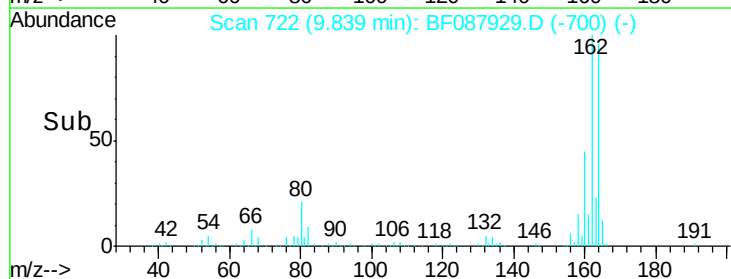
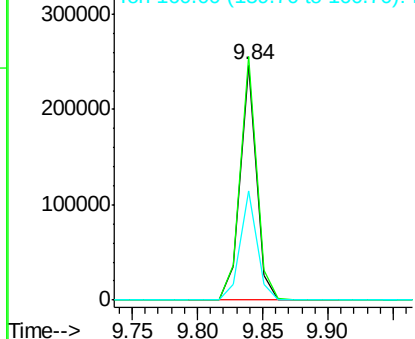


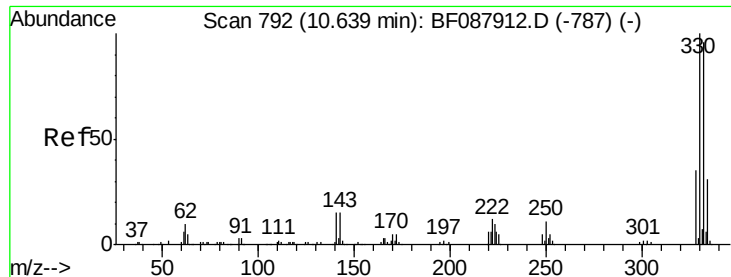
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087929.D
Acq: 12 Jun 2016 5:22

Tgt Ion:164 Resp: 212246
Ion Ratio Lower Upper
164 100
162 103.7 85.4 128.2
160 46.6 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

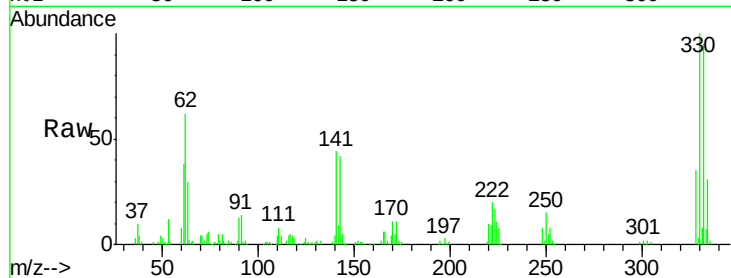




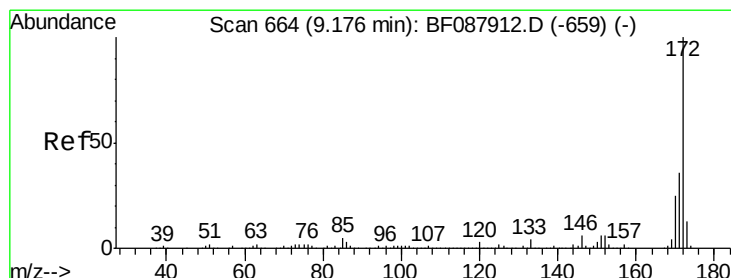
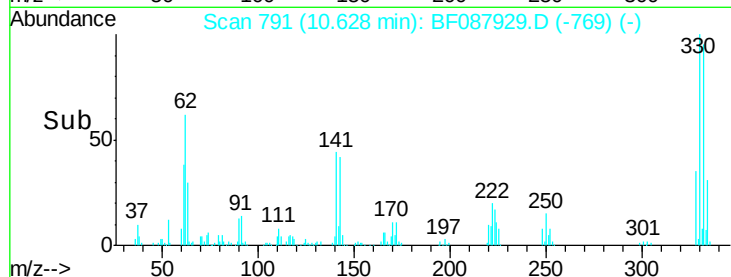
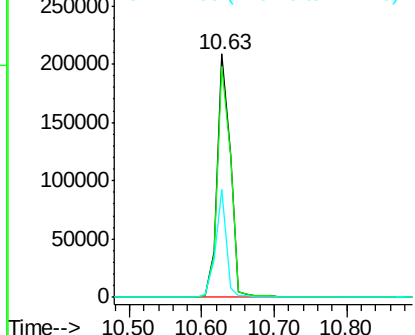
#41
 2,4,6-Tribromophenol
 Concen: 118.30 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF087929.D
 Acq: 12 Jun 2016 5:22

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENT-RINSEBLANK

Tot Ion:330 Resp: 265116
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 35.9 0.0 0.0#

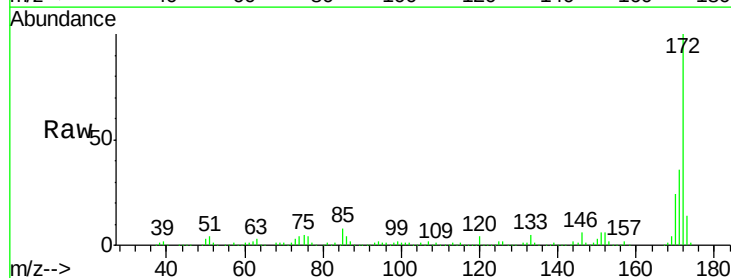


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

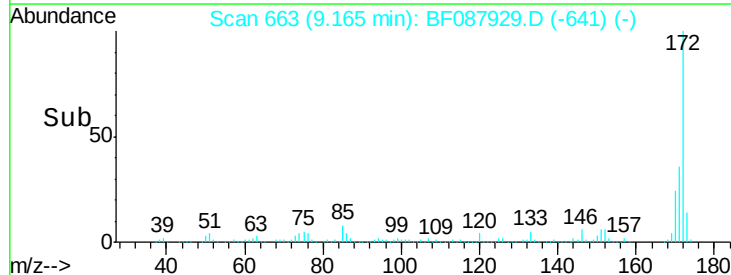
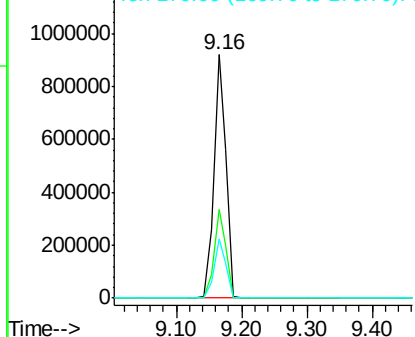


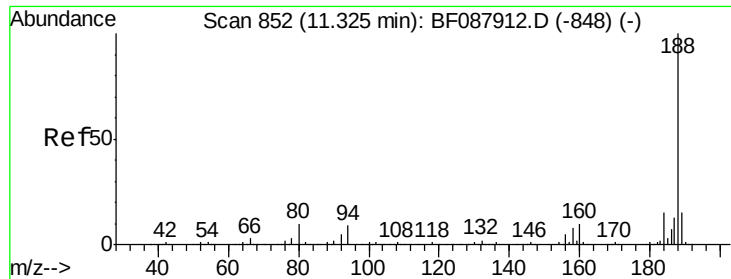
#44
 2-Fluorobiphenyl
 Concen: 90.10 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087929.D
 Acq: 12 Jun 2016 5:22

Tgt Ion:172 Resp: 1212784
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.4 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

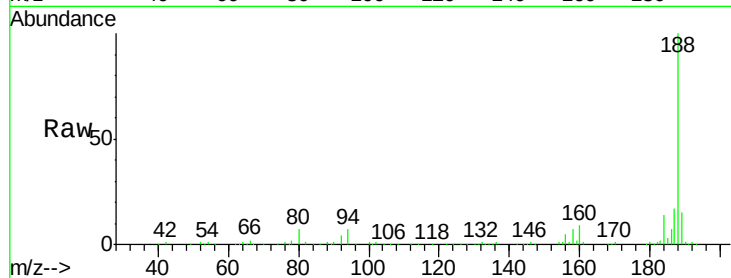




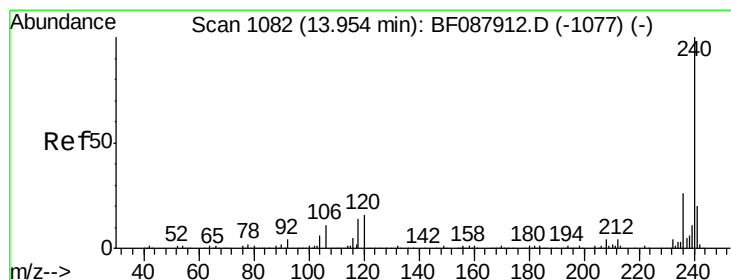
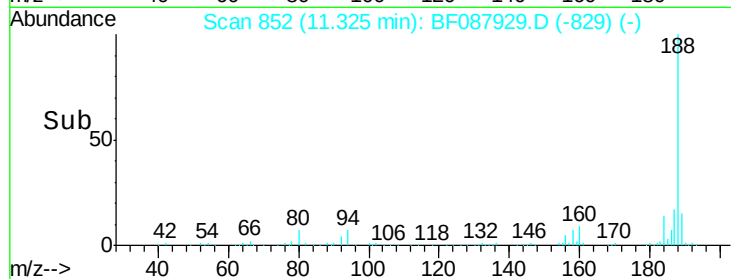
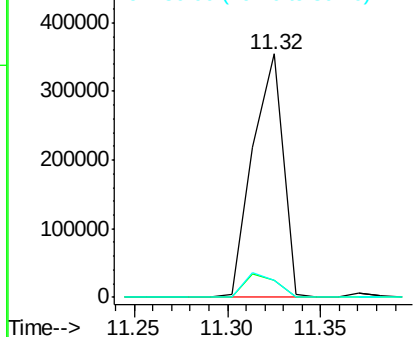
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BF087929.D
 Acq: 12 Jun 2016 5:22

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENT-RINSEBLANK

Tot Ion:188 Resp: 402132
 Ion Ratio Lower Upper
 188 100
 94 7.1 9.0 13.6#
 80 7.0 10.0 15.0#

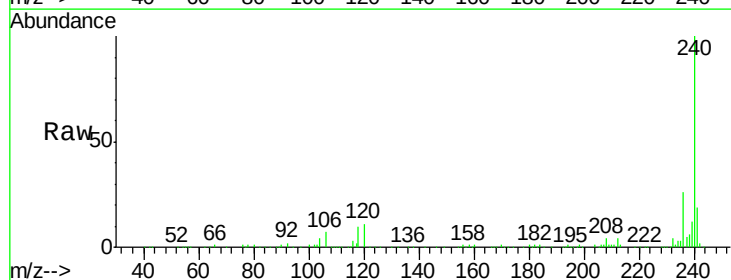


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

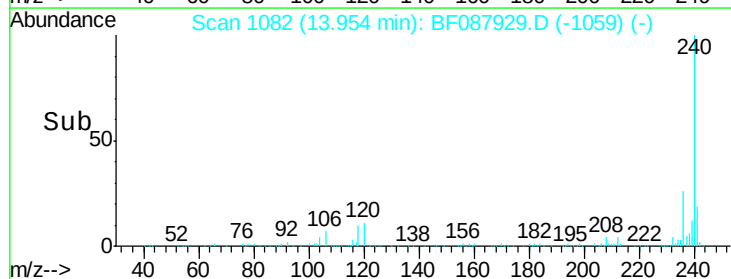
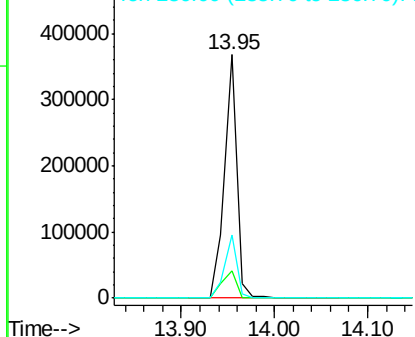


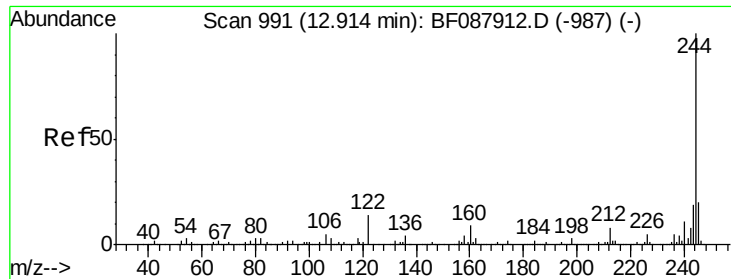
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF087929.D
 Acq: 12 Jun 2016 5:22

Tgt Ion:240 Resp: 339681
 Ion Ratio Lower Upper
 240 100
 120 11.0 6.8 10.2#
 236 25.7 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



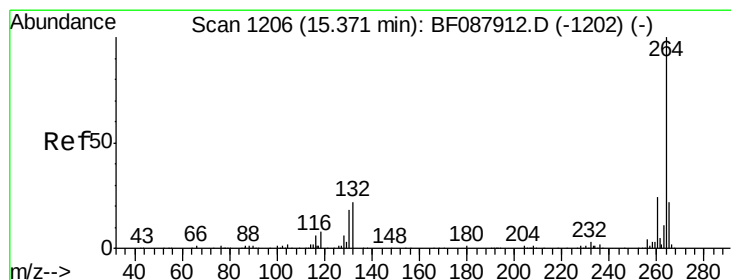
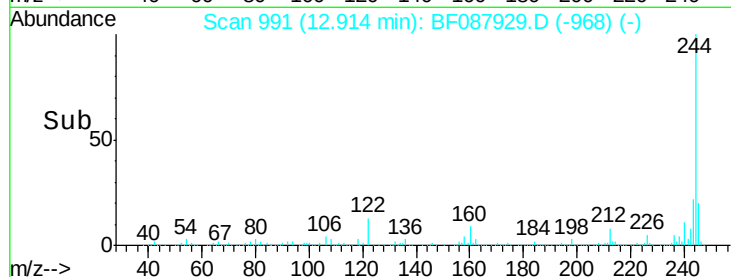
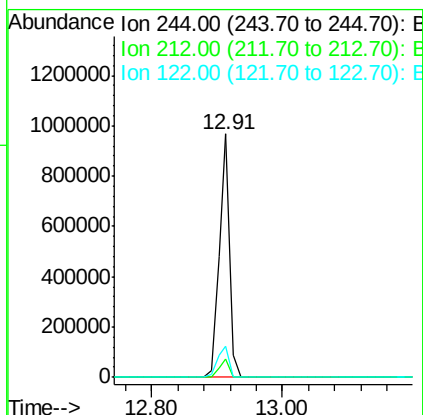
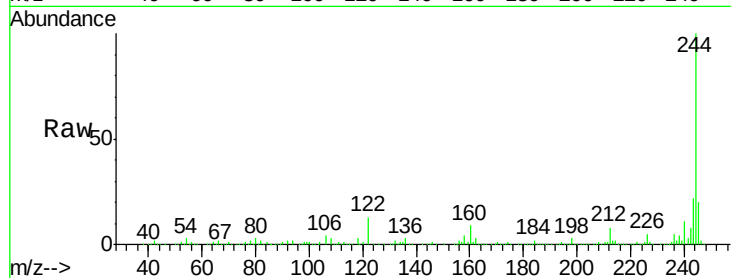


#78
 Terphenyl-d14
 Concen: 72.57 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087929.D
 Acq: 12 Jun 2016 5:22

Instrument :
 BNA_F
 ClientSampleId :
 EQUIPMENT-RINSEBLANK

Tot Ion:244 Resp: 1083253

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.9	11.2	16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087929.D
 Acq: 12 Jun 2016 5:22

Tgt Ion:264 Resp: 242517

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	16.9	25.3

