

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088859.D
 Acq On : 9 Jul 2016 8:02
 Operator : UM/SJ
 Sample : PB91940TB
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91940TB

Quant Time: Jul 11 01:01:49 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	93613	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	356840	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	170642	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	307053	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	212084	20.00	ng	-0.01
86) Perylene-d12	15.23	264	185635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	553237	88.57	ng	0.00
7) Phenol-d6	6.38	99	843476	104.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	450418	66.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	169256	106.81	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	924499	85.58	ng	0.00
78) Terphenyl-d14	12.82	244	686035	72.05	ng	0.00

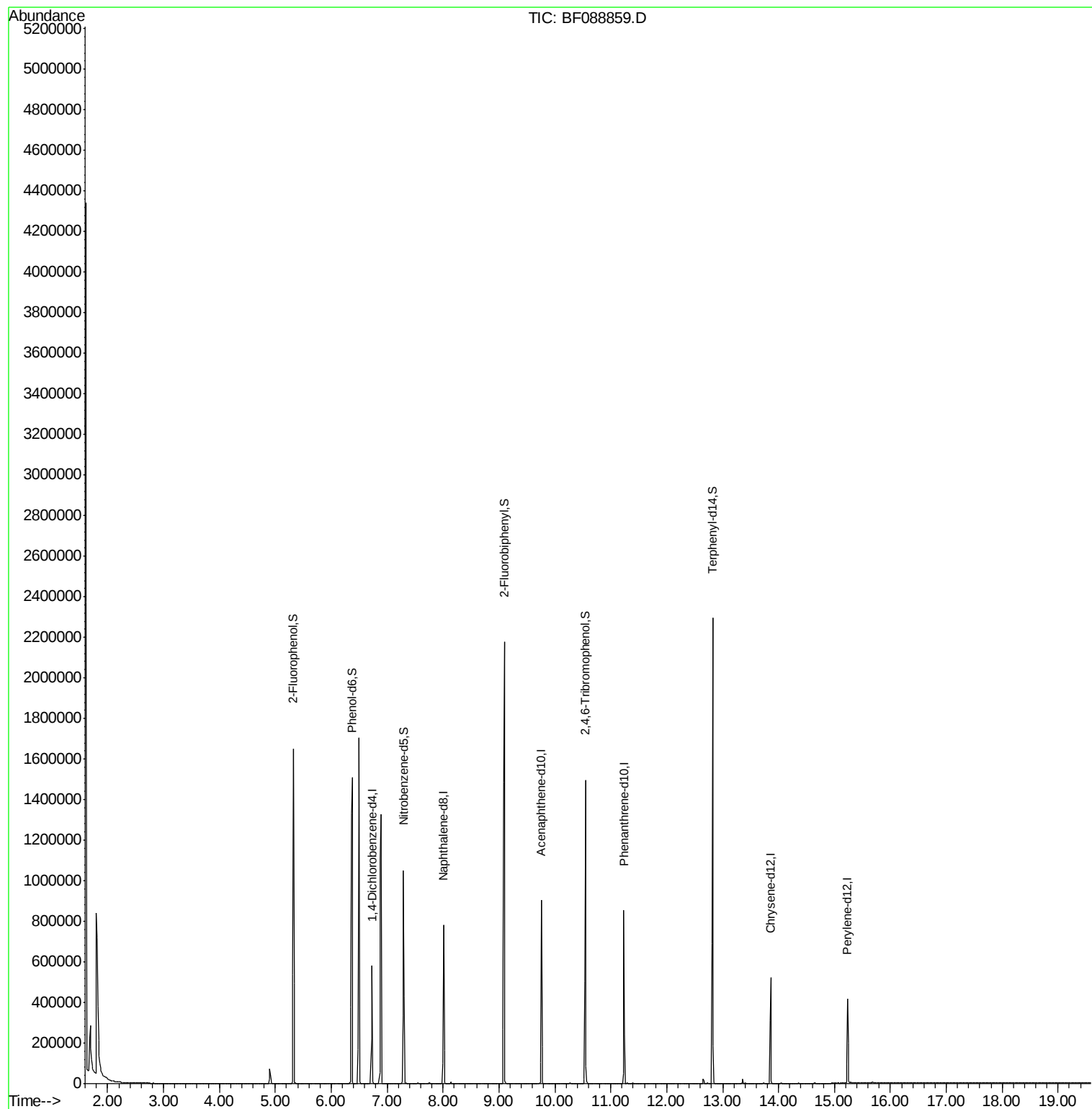
Target Compounds Qvalue

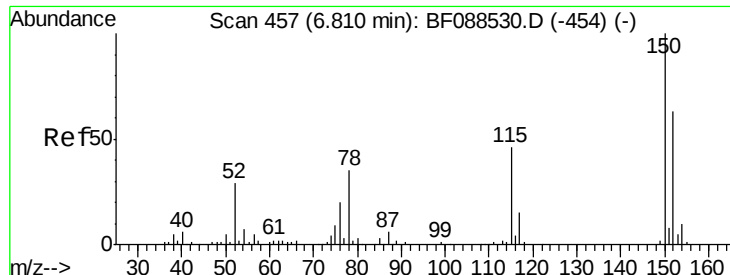
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088859.D

Acq: 9 Jul 2016 8:02

Instrument :

BNA_F

ClientSampleId :

PB91940TB

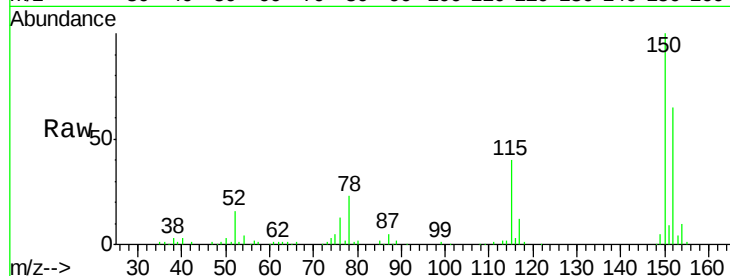
Tot Ion:152 Resp: 93613

Ion Ratio Lower Upper

152 100

150 153.7 123.8 185.6

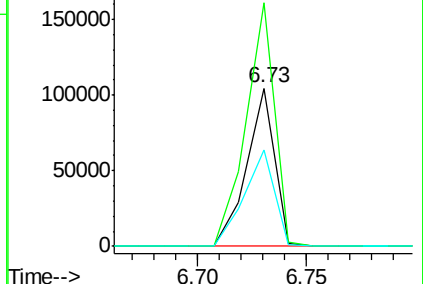
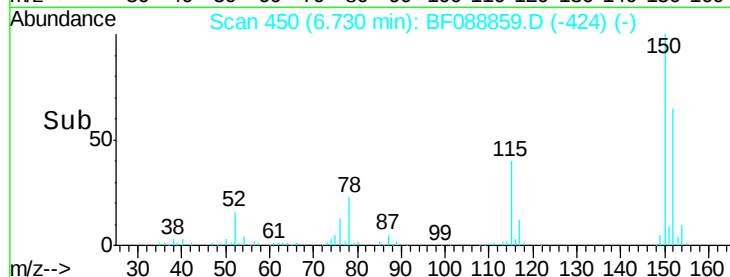
115 61.1 39.6 59.4#



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: 88.57 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF088859.D

Acq: 9 Jul 2016 8:02

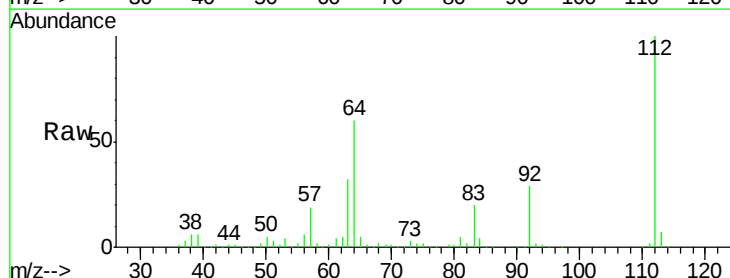
Tgt Ion:112 Resp: 553237

Ion Ratio Lower Upper

112 100

64 60.3 42.2 63.2

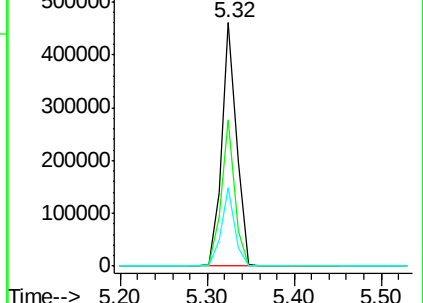
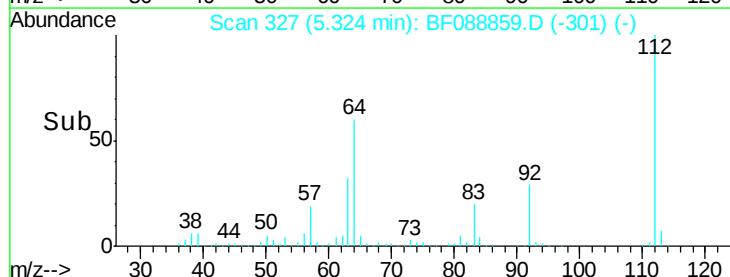
63 32.5 21.8 32.8



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: 104.51 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF088859.D

Acq: 9 Jul 2016 8:02

Instrument :

BNA_F

ClientSampleId :

PB91940TB

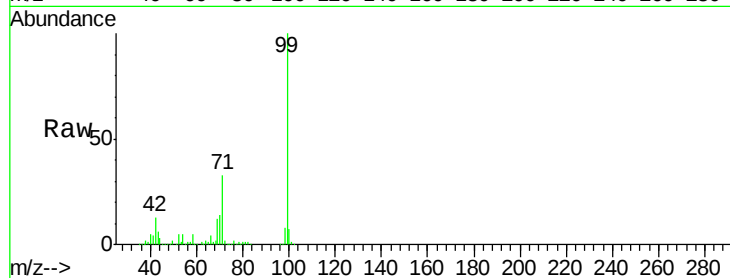
Tot Ion: 99 Resp: 843476

Ion Ratio Lower Upper

99 100

42 12.5 12.2 18.2

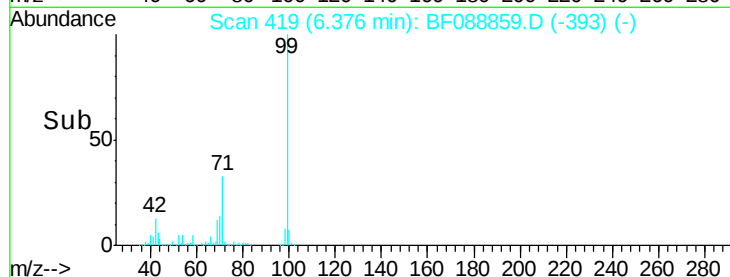
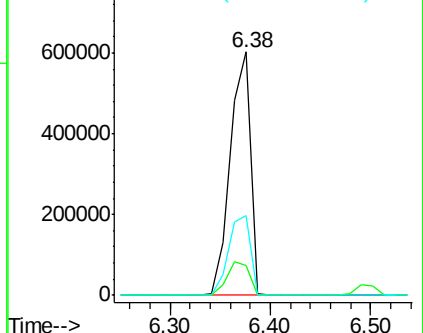
71 32.7 23.4 35.0



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: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088859.D

Acq: 9 Jul 2016 8:02

Tgt Ion: 136 Resp: 356840

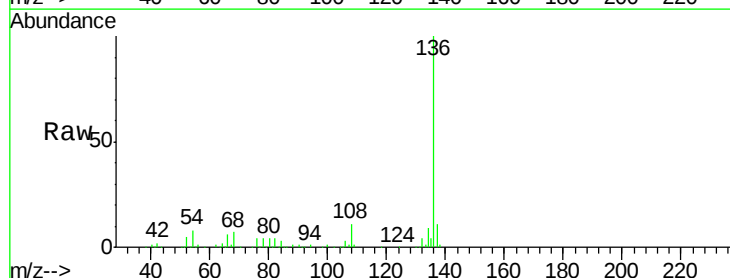
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 6.6 10.0

68 6.6 5.1 7.7

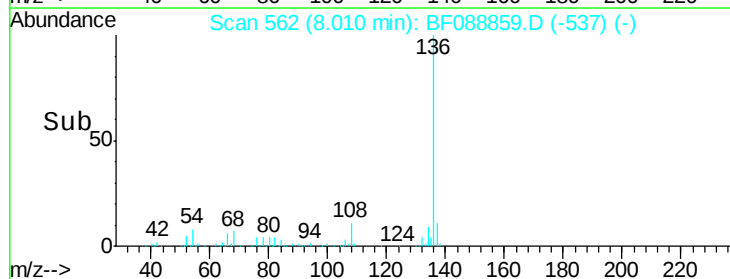
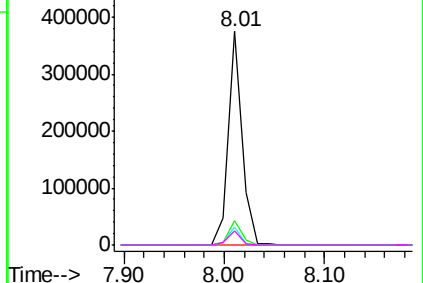


Abundance Ion 136.00 (135.70 to 136.70): E

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

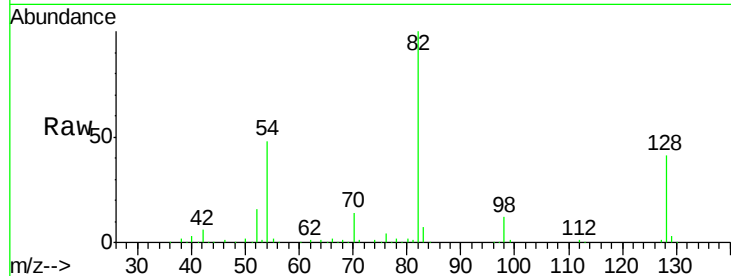




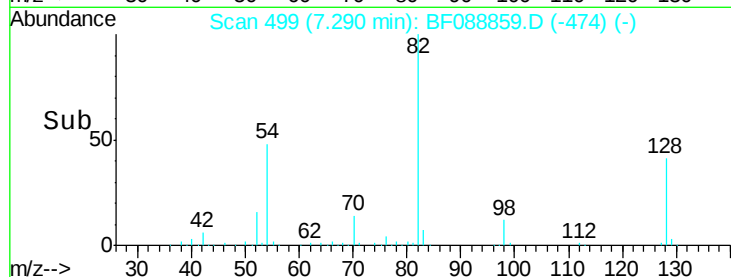
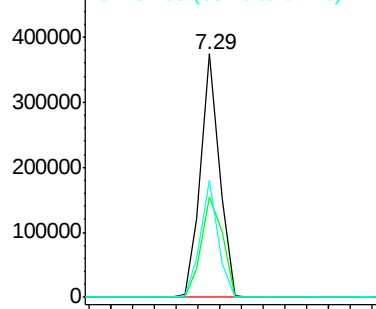
#23
 Nitrobenzene-d5
 Concen: 66.15 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088859.D
 Acq: 9 Jul 2016 8:02

Instrument :
 BNA_F
 ClientSampleID :
 PB91940TB

Tot Ion: 82 Resp: 450418
 Ion Ratio Lower Upper
 82 100
 128 41.0 35.9 53.9
 54 47.8 40.9 61.3

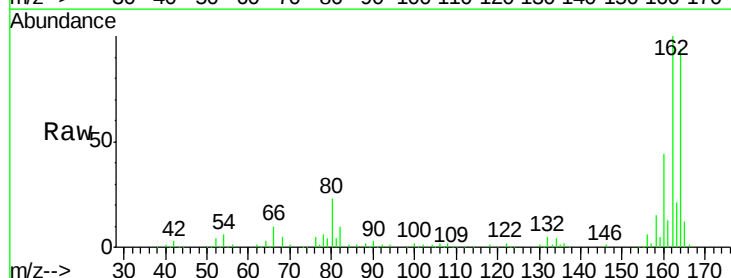


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

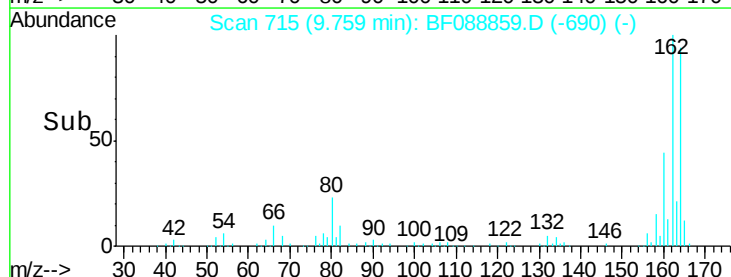
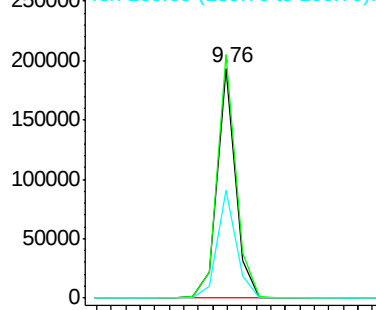


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088859.D
 Acq: 9 Jul 2016 8:02

Tgt Ion:164 Resp: 170642
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.4 128.2
 160 46.9 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

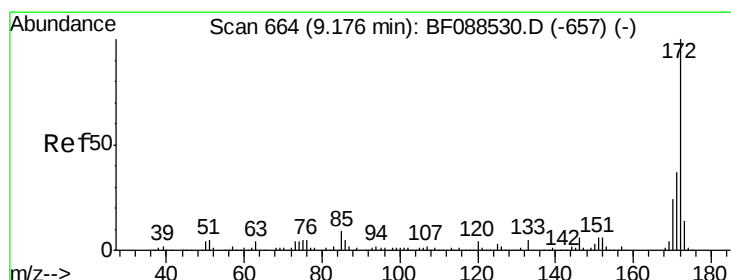
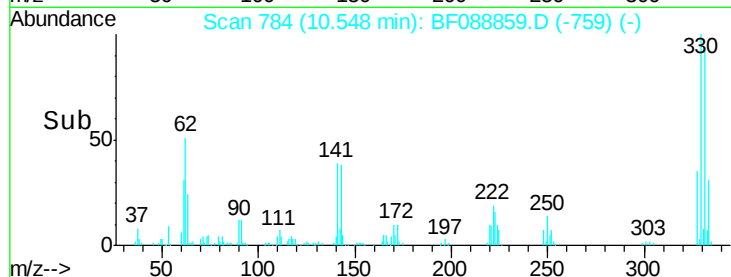
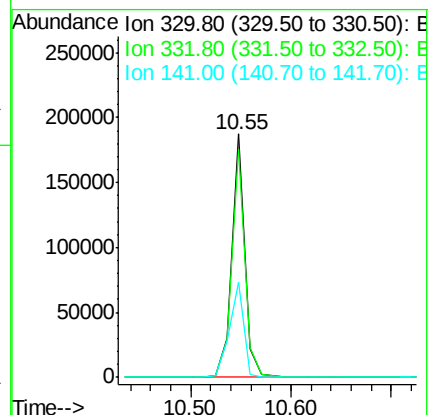
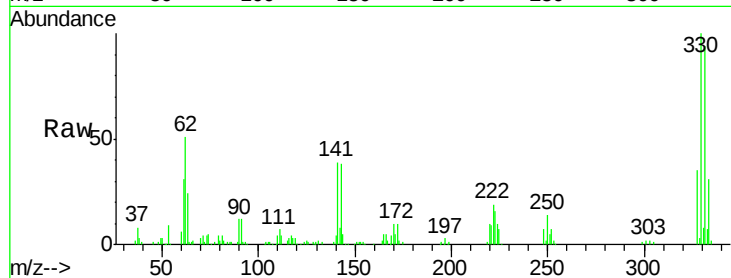




#41
 2,4,6-Tribromophenol
 Concen: 106.81 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088859.D
 Acq: 9 Jul 2016 8:02

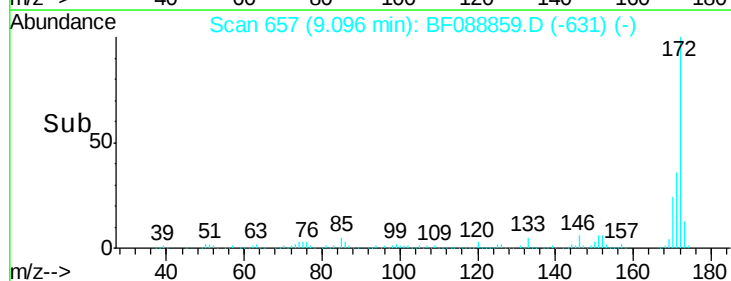
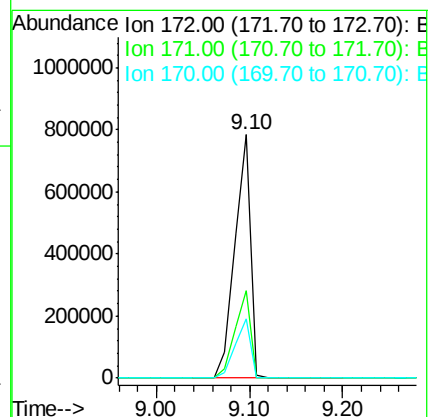
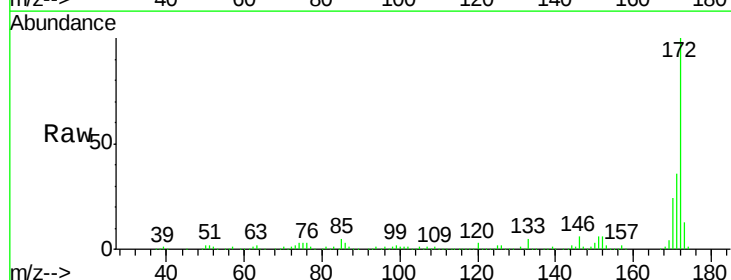
Instrument :
 BNA_F
 ClientSampleId :
 PB91940TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	42.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.58 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088859.D
 Acq: 9 Jul 2016 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	19.2	28.8

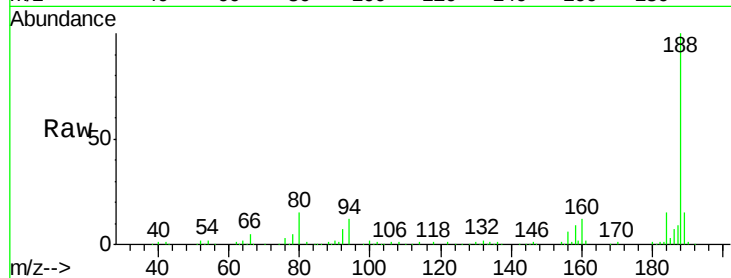




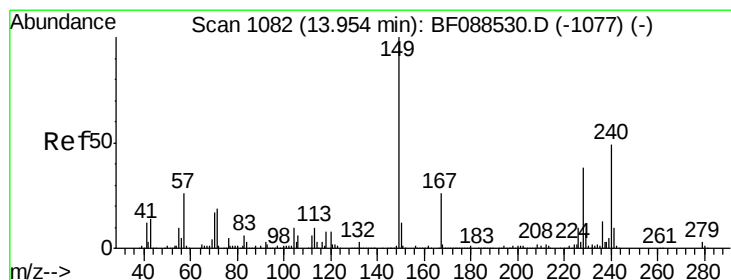
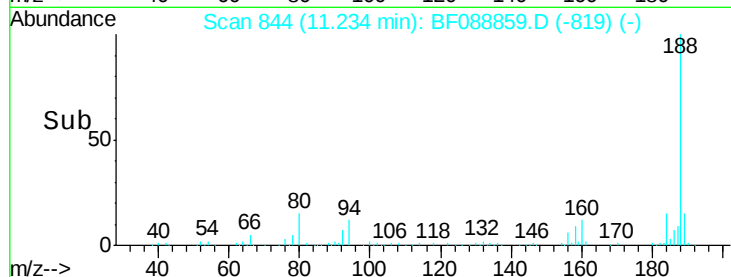
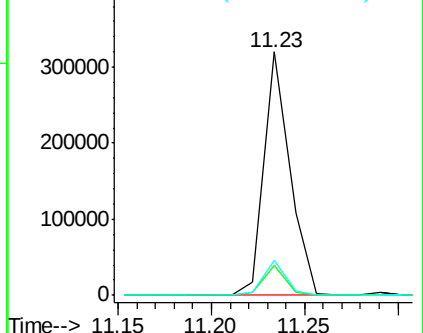
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088859.D
Acq: 9 Jul 2016 8:02

Instrument :
BNA_F
ClientSampleId :
PB91940TB

Tot Ion:188 Resp: 307053
Ion Ratio Lower Upper
188 100
94 12.3 9.0 13.6
80 14.6 10.0 15.0

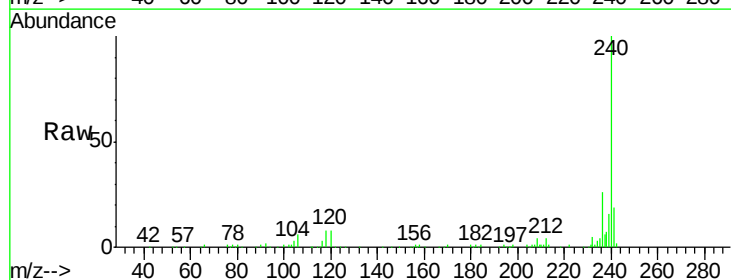


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

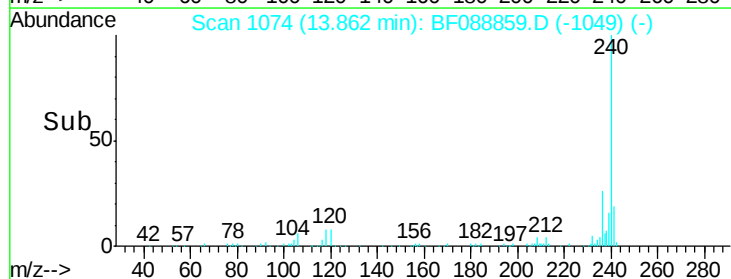
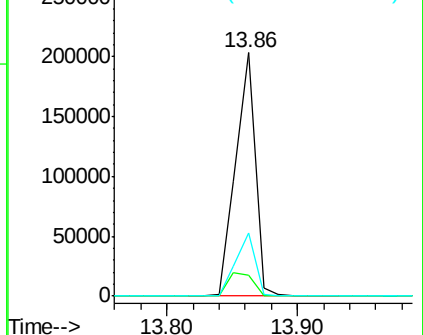


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088859.D
Acq: 9 Jul 2016 8:02

Tgt Ion:240 Resp: 212084
Ion Ratio Lower Upper
240 100
120 8.5 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

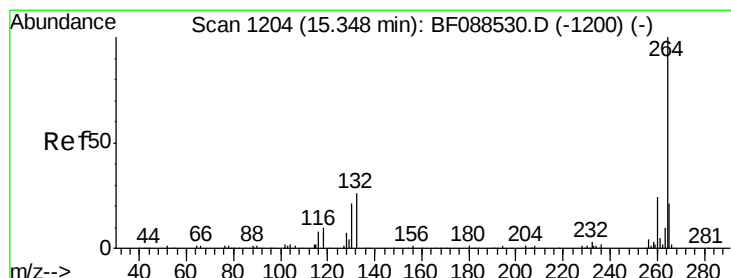
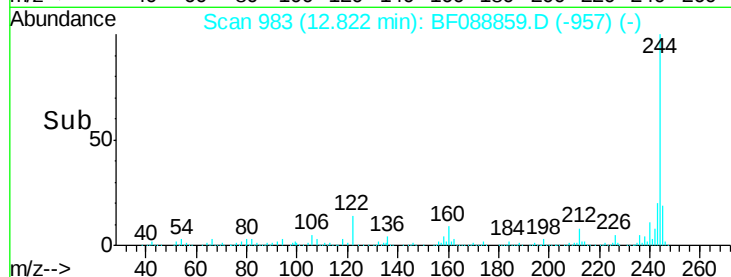
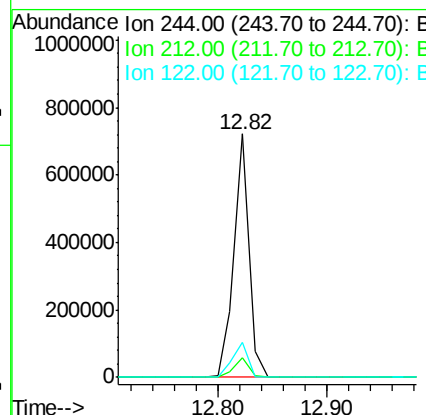
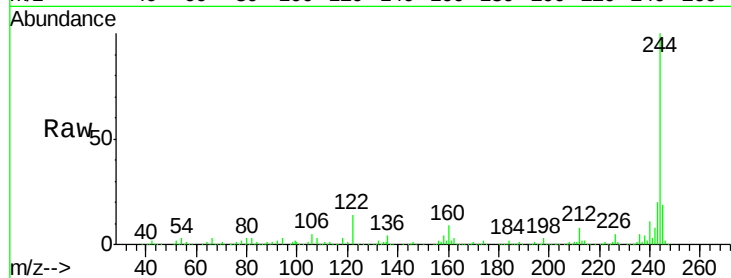




#78
 Terphenyl-d14
 Concen: 72.05 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088859.D
 Acq: 9 Jul 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91940TB

Tot Ion:244 Resp: 686035
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 14.1 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: BF088859.D
 Acq: 9 Jul 2016 8:02

Tgt Ion:264 Resp: 185635
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.1 16.9 25.3

