

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080894.D
 Acq On : 6 Aug 2015 17:57
 Operator : TP/UM
 Sample : PB84862BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BL

Quant Time: Aug 07 04:47:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	58986	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	220331	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	106153	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	230536	20.00	ng	0.00
75) Chrysene-d12	13.95	240	215334	20.00	ng	-0.01
86) Perylene-d12	15.36	264	194624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	368851	99.69	ng	0.01
7) Phenol-d6	6.44	99	590067	115.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	308770	66.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	130131	114.13	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	606937	81.49	ng	0.00
78) Terphenyl-d14	12.91	244	621043	60.80	ng	0.00

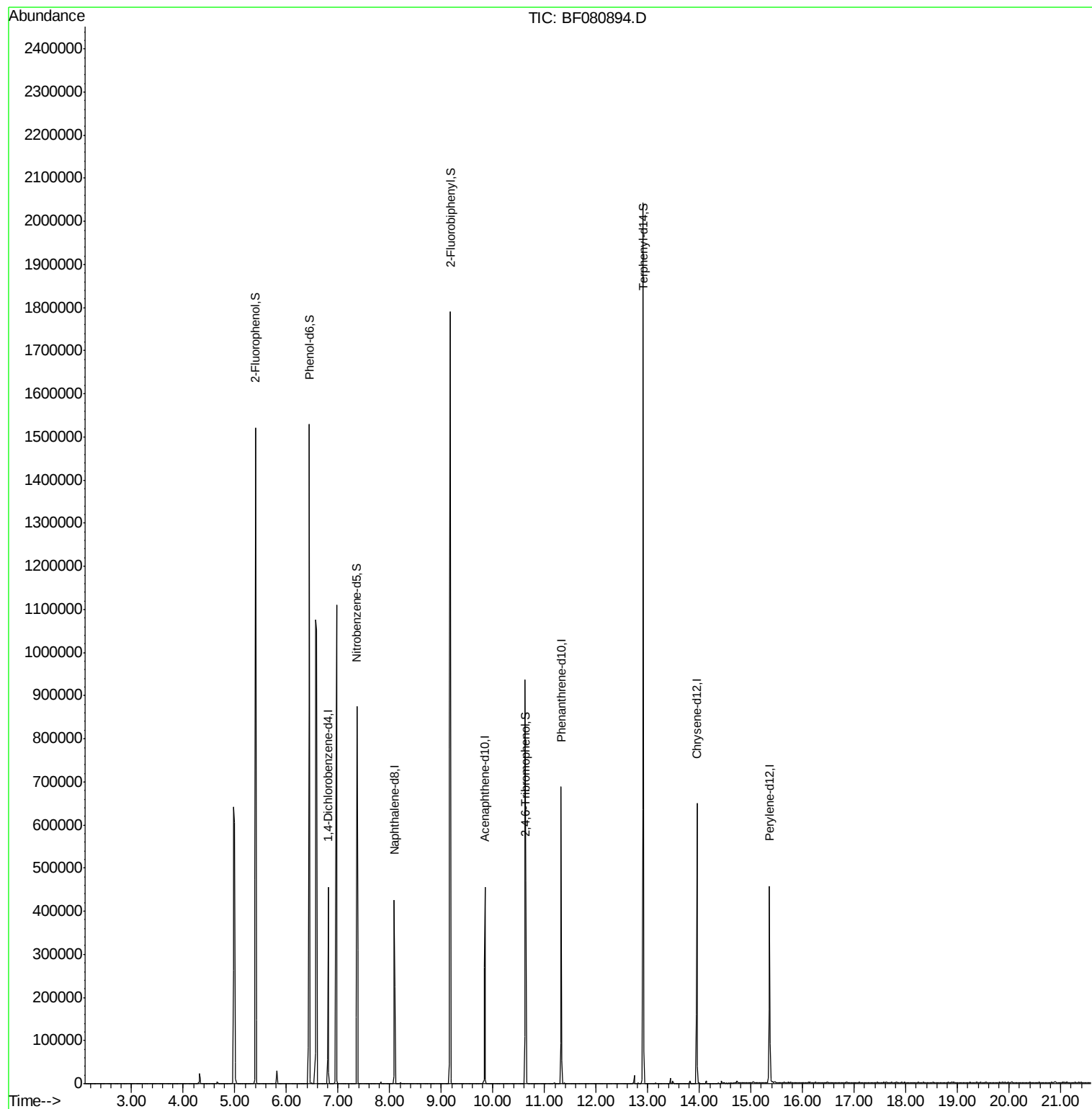
Target Compounds Qvalue

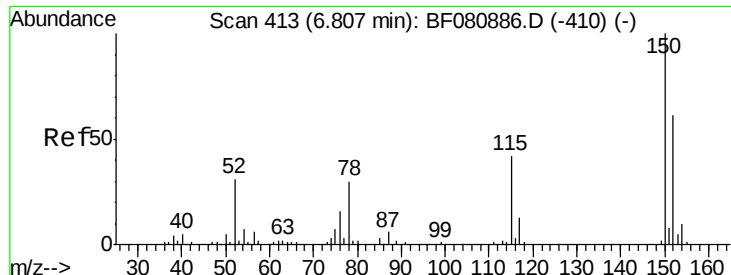
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF080894.D

Acq: 6 Aug 2015 17:57

Instrument :

BNA_F

ClientSampleId :

PB84862BL

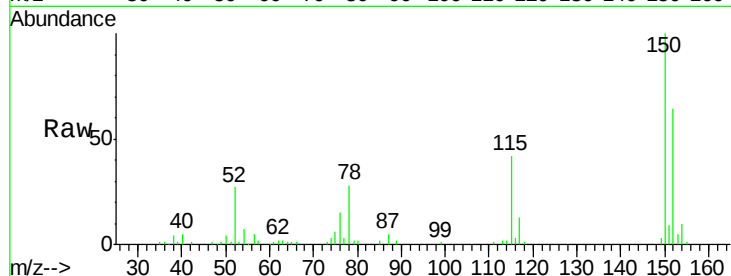
Tot Ion:152 Resp: 58986

Ion Ratio Lower Upper

152 100

150 156.2 132.2 198.2

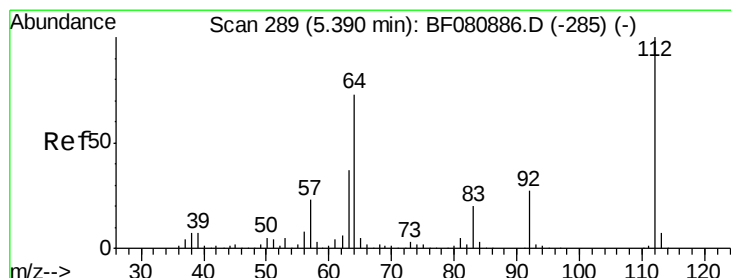
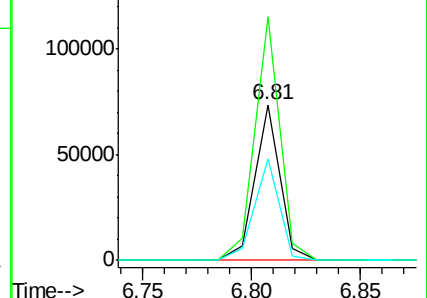
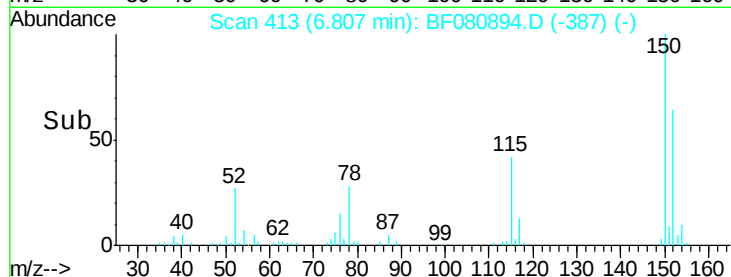
115 64.9 54.9 82.3



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: 99.69 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF080894.D

Acq: 6 Aug 2015 17:57

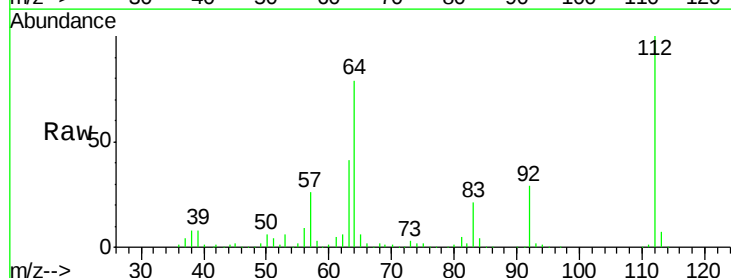
Tgt Ion:112 Resp: 368851

Ion Ratio Lower Upper

112 100

64 78.6 58.0 87.0

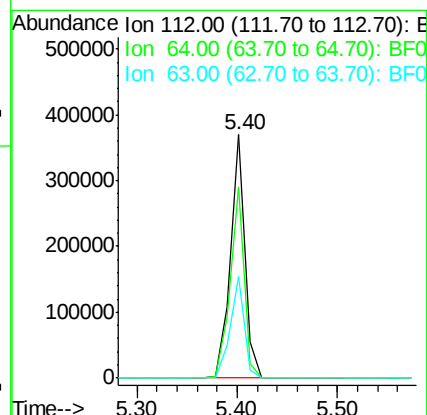
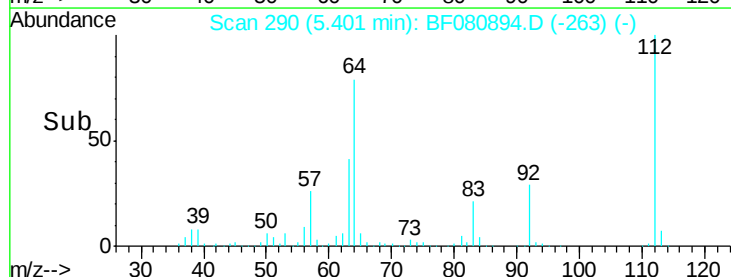
63 41.5 29.8 44.8

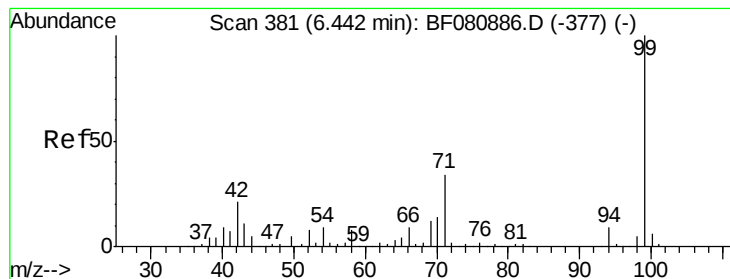


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.84 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080894.D

Acq: 6 Aug 2015 17:57

Instrument :

BNA_F

ClientSampleId :

PB84862BL

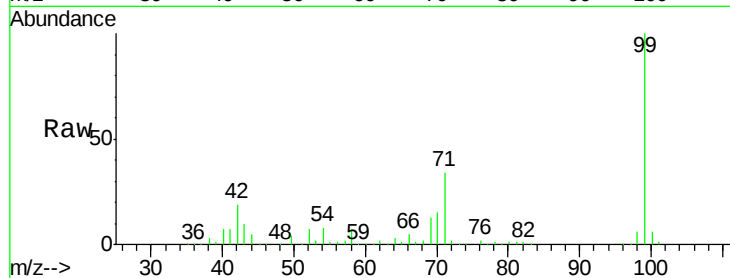
Tot Ion: 99 Resp: 590067

Ion Ratio Lower Upper

99 100

42 19.4 16.8 25.2

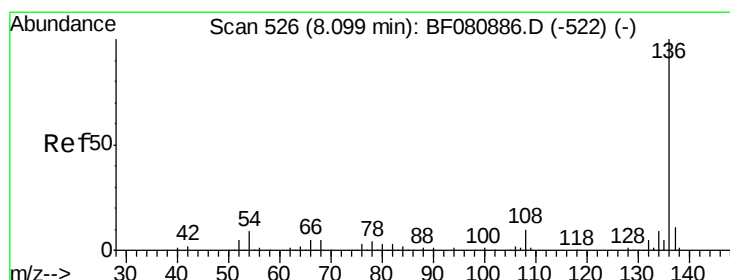
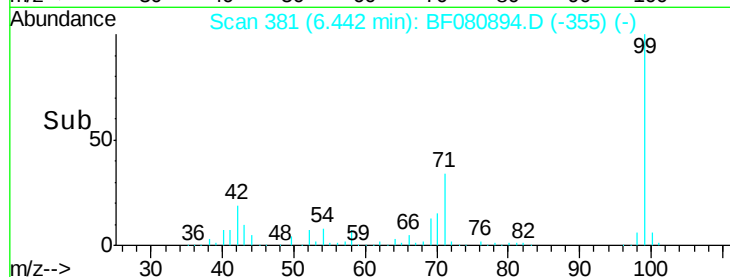
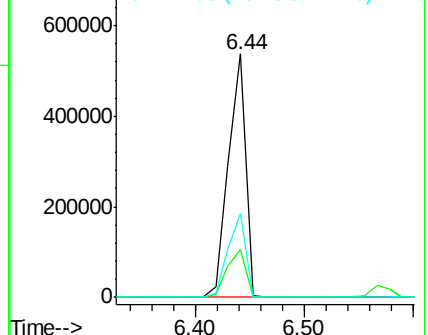
71 34.3 27.4 41.0



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# 525

Delta R.T. -0.01 min

Lab File: BF080894.D

Acq: 6 Aug 2015 17:57

Tgt Ion: 136 Resp: 220331

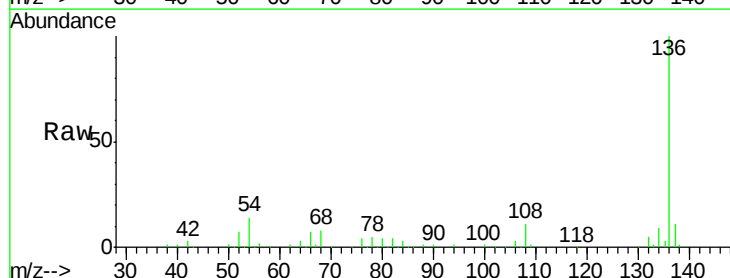
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 14.1 7.5 11.3#

68 7.8 4.2 6.2#

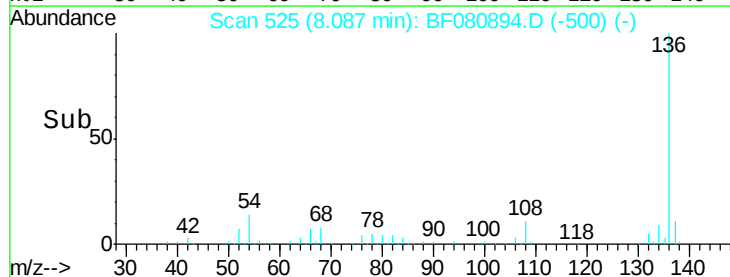
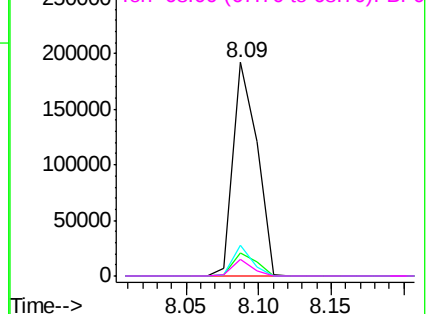


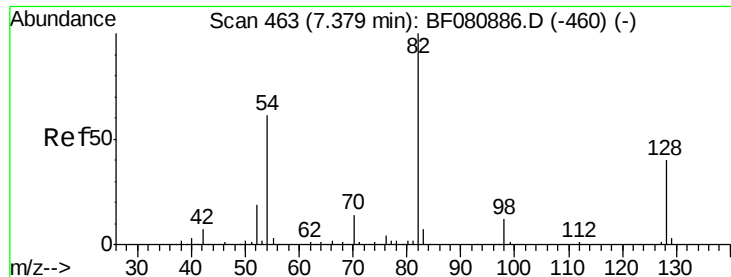
Abundance Ion 136.00 (135.70 to 136.70): E

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

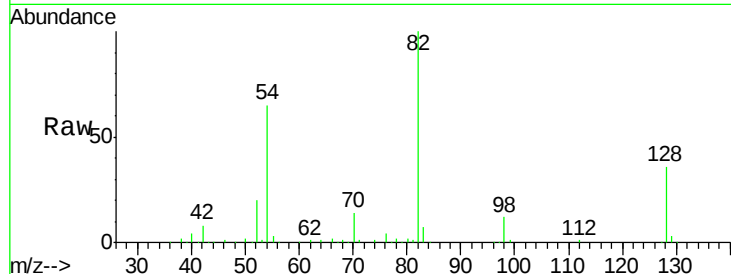




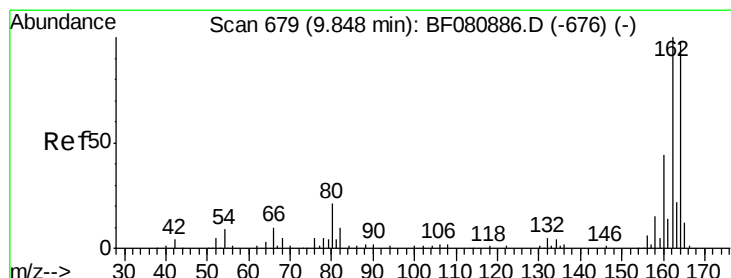
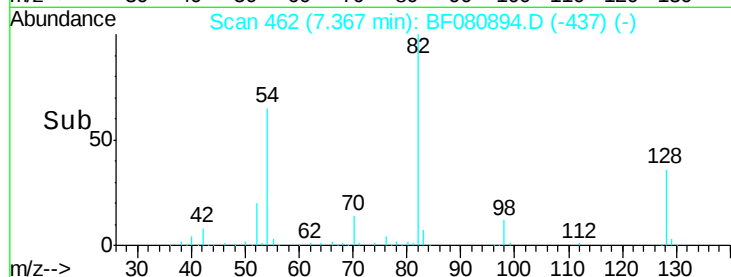
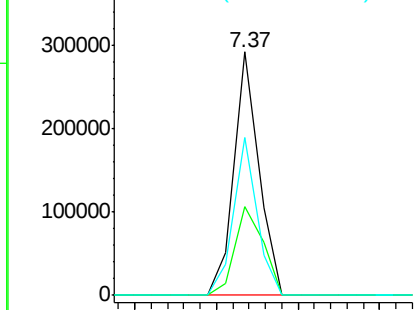
#23
 Nitrobenzene-d5
 Concen: 66.02 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080894.D
 Acq: 6 Aug 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BL

Tot Ion	82	Resp	308770
Ion Ratio	100	Lower	Upper
128	36.4	31.8	47.6
54	64.8	48.6	72.8

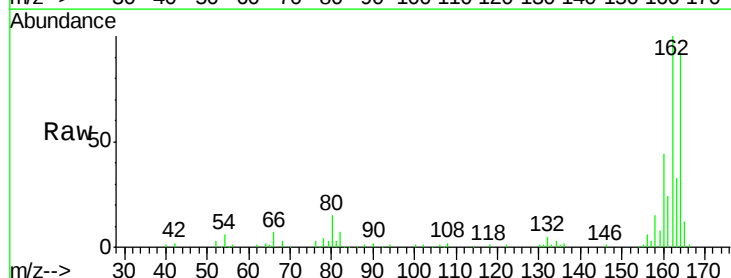


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

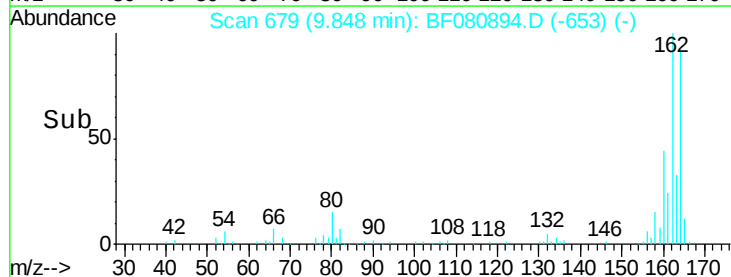
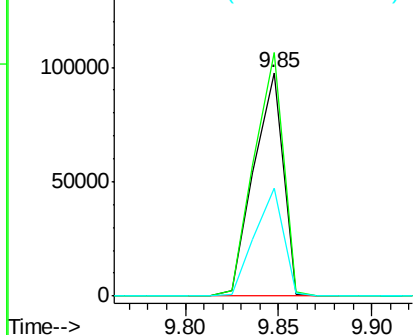


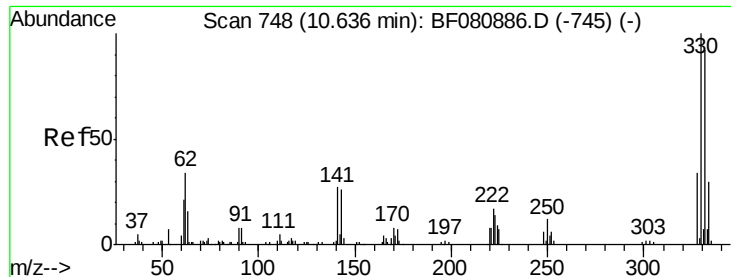
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080894.D
 Acq: 6 Aug 2015 17:57

Tgt Ion	164	Resp	106153
Ion Ratio	100	Lower	Upper
162	109.1	81.5	122.3
160	48.2	35.9	53.9



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

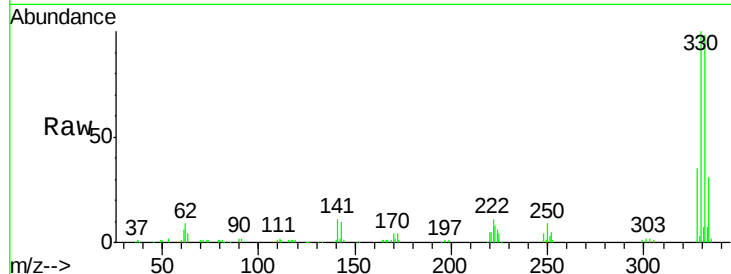




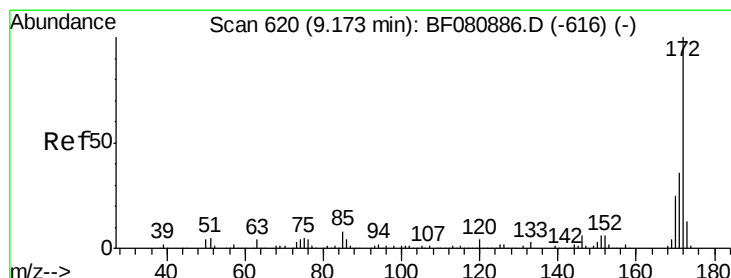
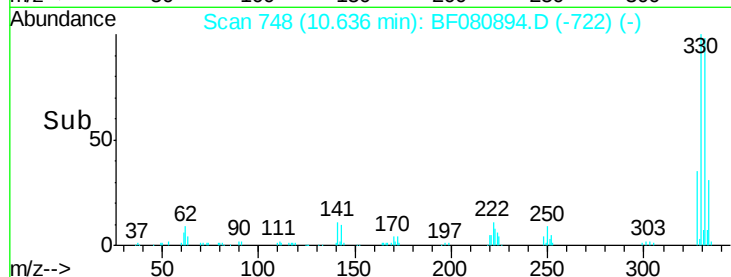
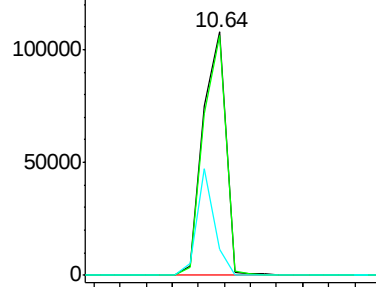
#41
 2,4,6-Tribromophenol
 Concen: 114.13 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080894.D
 Acq: 6 Aug 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	74.1	111.1
141	33.8	30.1	45.1

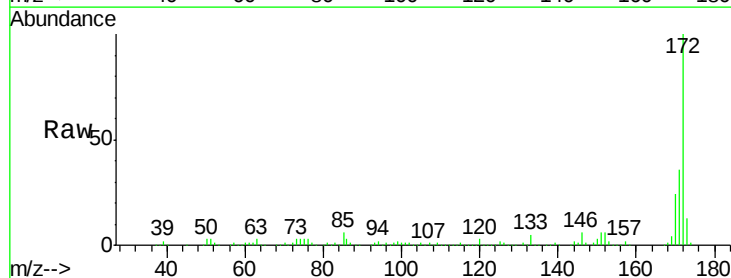


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

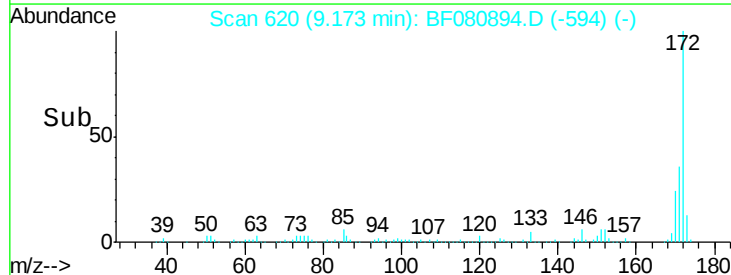
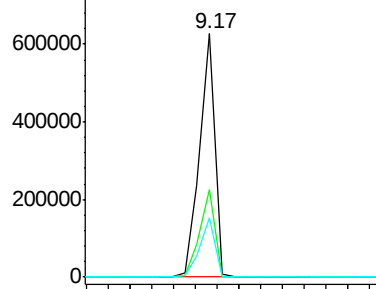


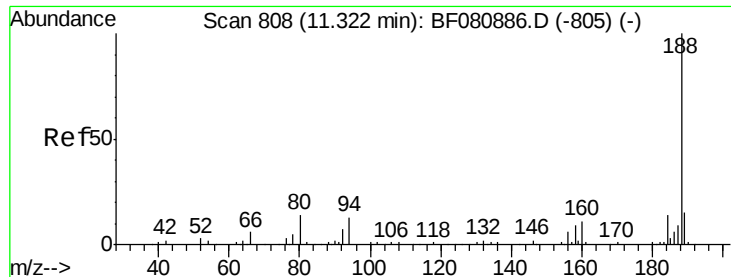
#44
 2-Fluorobiphenyl
 Concen: 81.49 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080894.D
 Acq: 6 Aug 2015 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.3	19.9	29.9



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

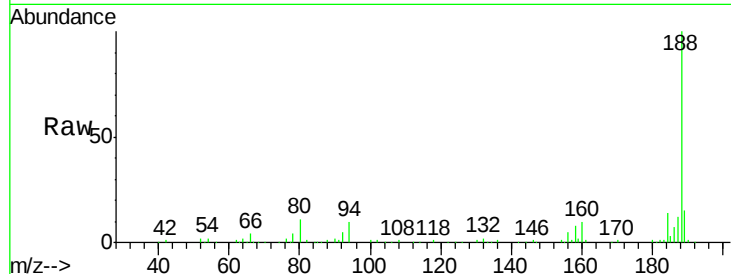




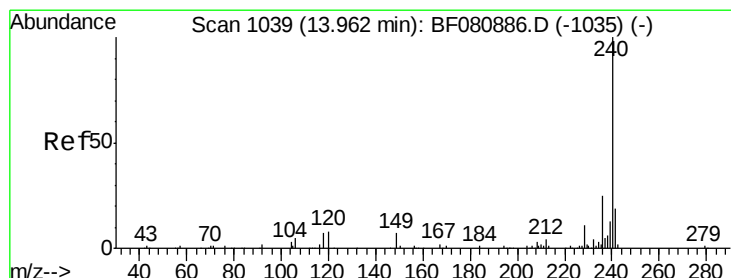
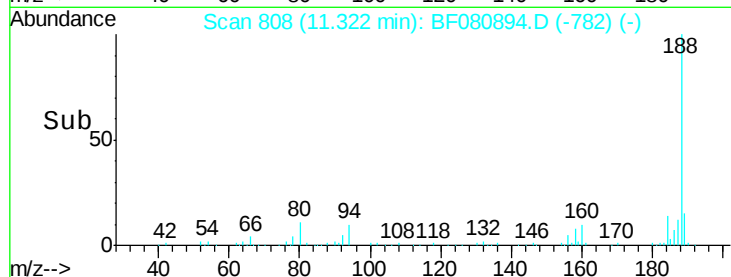
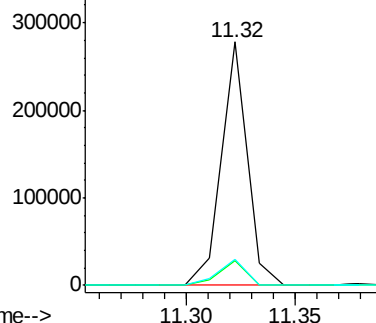
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080894.D
Acq: 6 Aug 2015 17:57

Instrument :
BNA_F
ClientSampleId :
PB84862BL

Tot Ion:188 Resp: 230536
Ion Ratio Lower Upper
188 100
94 10.1 10.2 15.2#
80 10.9 11.4 17.2#

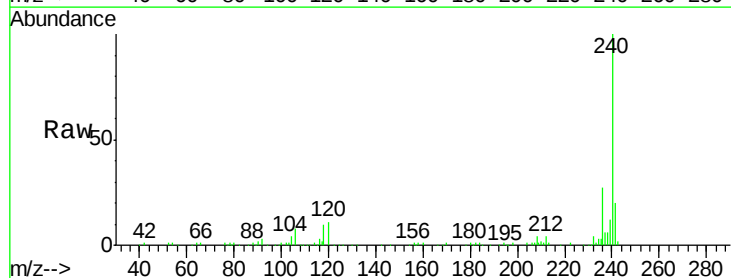


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

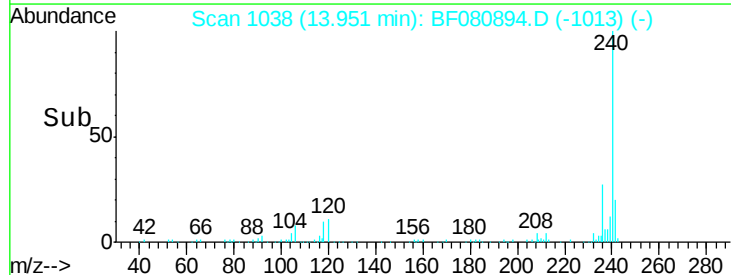
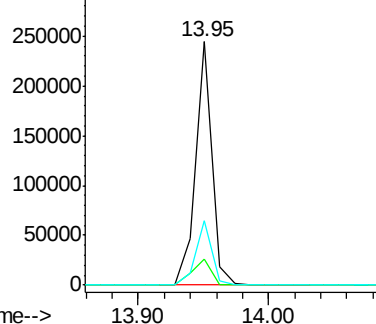


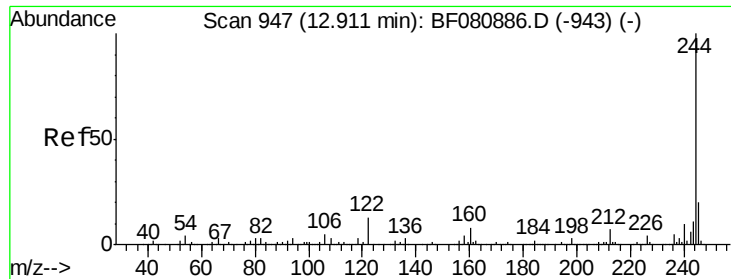
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080894.D
Acq: 6 Aug 2015 17:57

Tgt Ion:240 Resp: 215334
Ion Ratio Lower Upper
240 100
120 10.6 6.4 9.6#
236 26.6 20.2 30.4



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

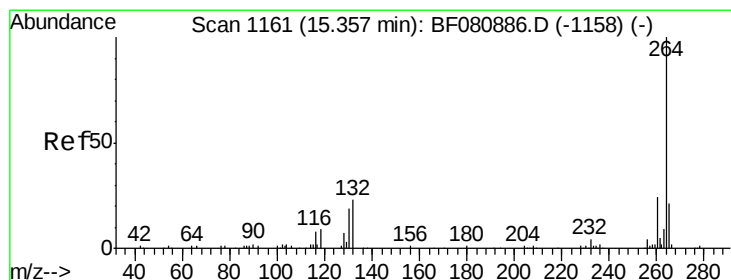
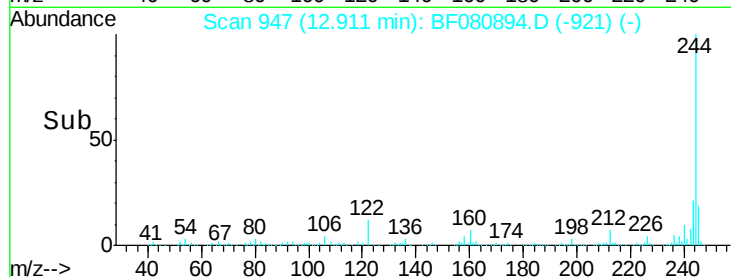
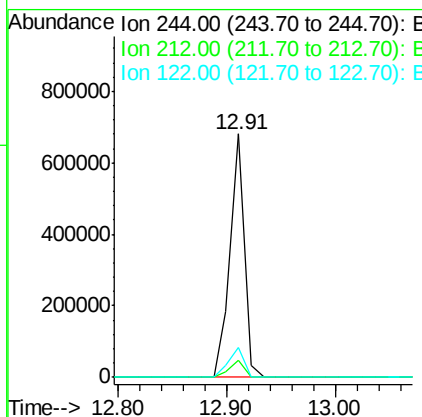
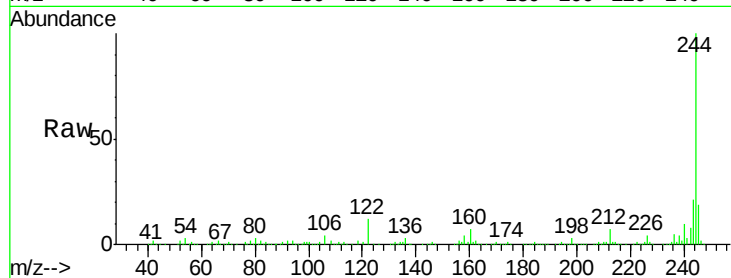




#78
 Terphenyl-d14
 Concen: 60.80 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080894.D
 Acq: 6 Aug 2015 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB84862BL

Tot Ion:244 Resp: 621043
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.4 10.6 16.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080894.D
 Acq: 6 Aug 2015 17:57

Tgt Ion:264 Resp: 194624
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.3 17.0 25.6

