

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080898.D
 Acq On : 6 Aug 2015 20:01
 Operator : TP/UM
 Sample : PB84873TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84873TB

Quant Time: Aug 07 04:45:49 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	60067	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	216077	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	105344	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	228223	20.00	ng	0.00
75) Chrysene-d12	13.95	240	219075	20.00	ng	-0.01
86) Perylene-d12	15.36	264	187428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	375489	99.65	ng	0.01
7) Phenol-d6	6.44	99	540678	104.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	275462	60.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	116124	102.63	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	553967	74.95	ng	0.00
78) Terphenyl-d14	12.91	244	592321	57.00	ng	0.00

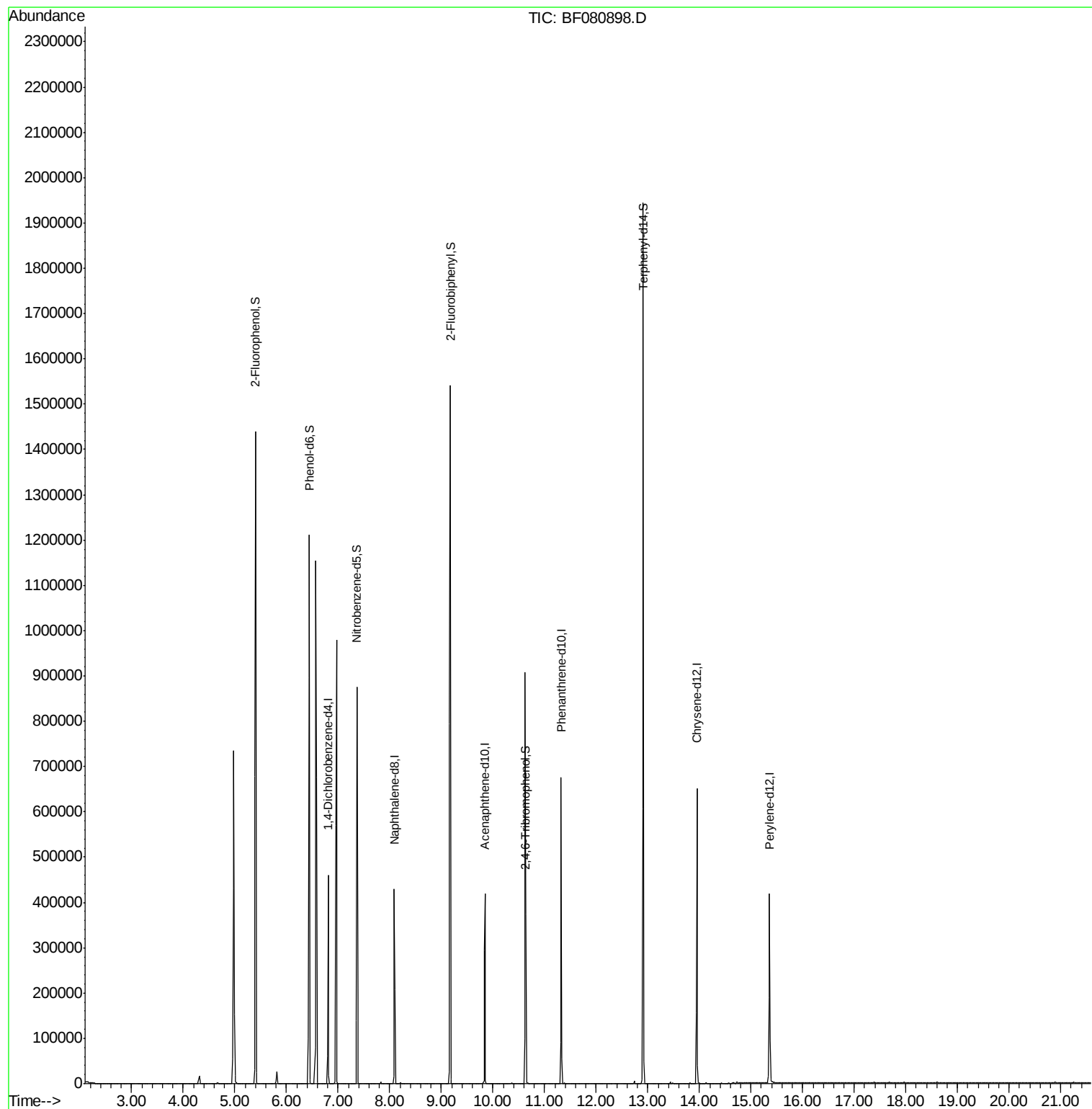
Target Compounds Qvalue

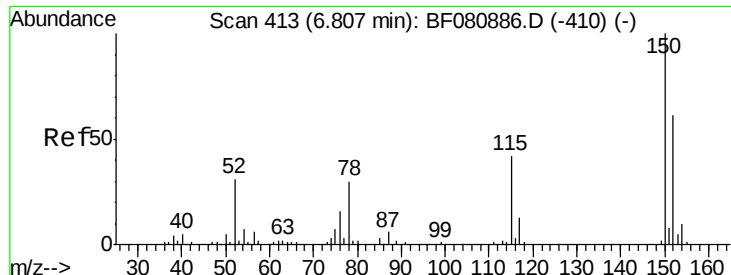
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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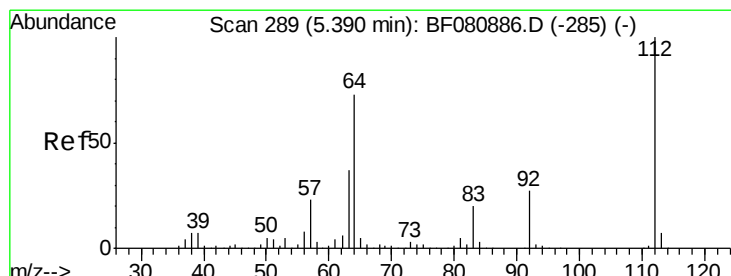
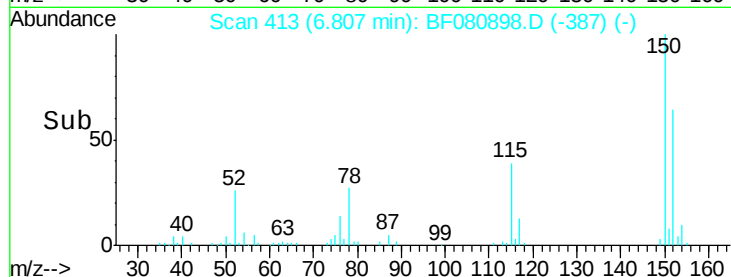
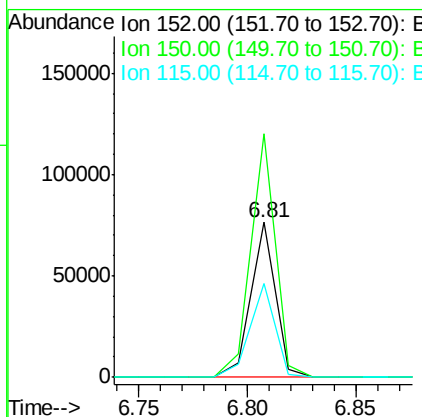
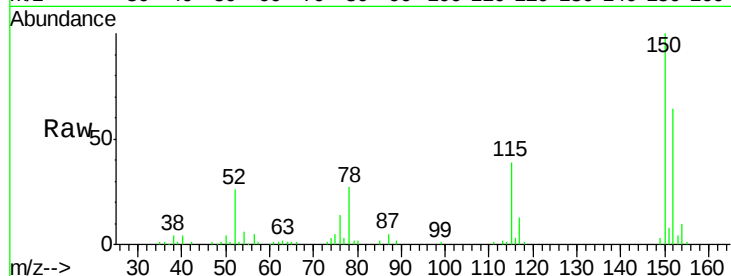


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080898.D
Acq: 6 Aug 2015 20:01

Instrument :
BNA_F
ClientSampleId :
PB84873TB

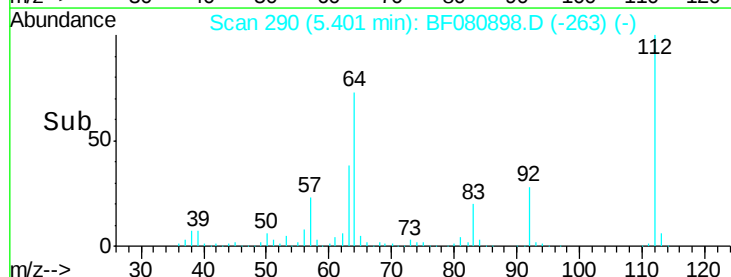
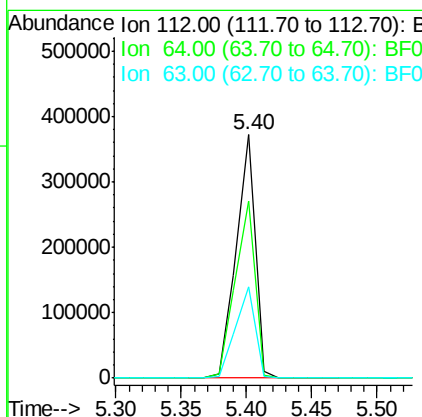
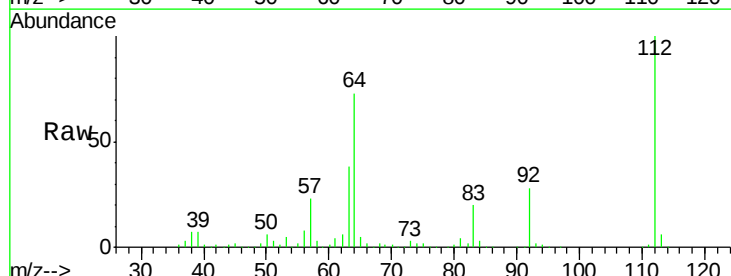
Tot Ion:152 Resp: 60067
Ion Ratio Lower Upper
152 100
150 157.1 132.2 198.2
115 60.9 54.9 82.3

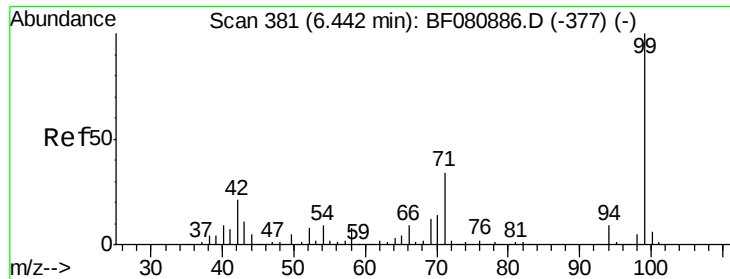


#5

2-Fluorophenol
Concen: 99.65 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF080898.D
Acq: 6 Aug 2015 20:01

Tgt Ion:112 Resp: 375489
Ion Ratio Lower Upper
112 100
64 72.5 58.0 87.0
63 37.7 29.8 44.8





#7

Phenol-d6

Concen: 104.24 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080898.D

Acq: 6 Aug 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB84873TB

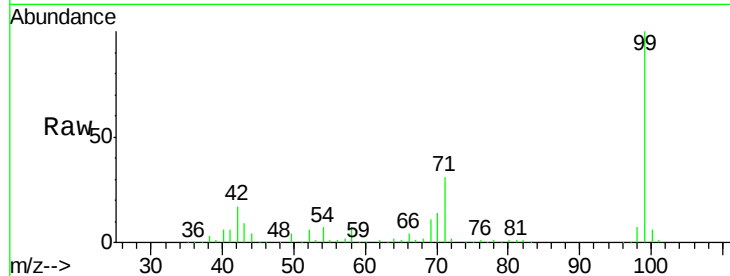
Tot Ion: 99 Resp: 540678

Ion Ratio Lower Upper

99 100

42 16.8 16.8 25.2#

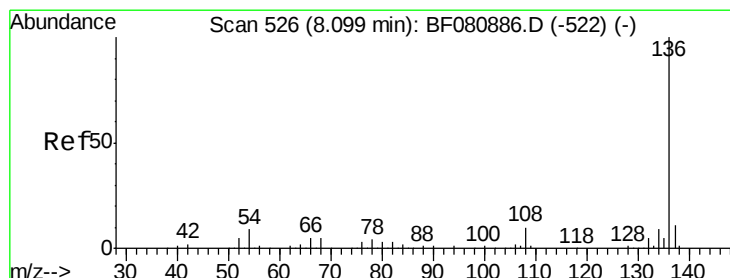
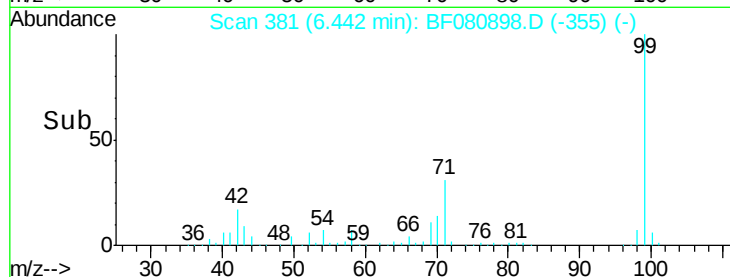
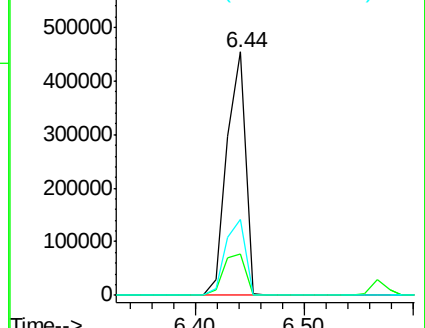
71 31.3 27.4 41.0



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: BF080898.D

Acq: 6 Aug 2015 20:01

Tgt Ion: 136 Resp: 216077

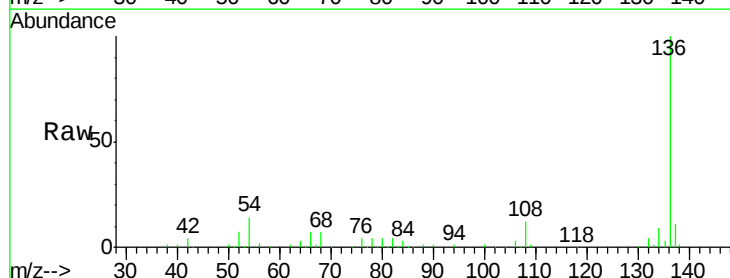
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 13.8 7.5 11.3#

68 7.1 4.2 6.2#

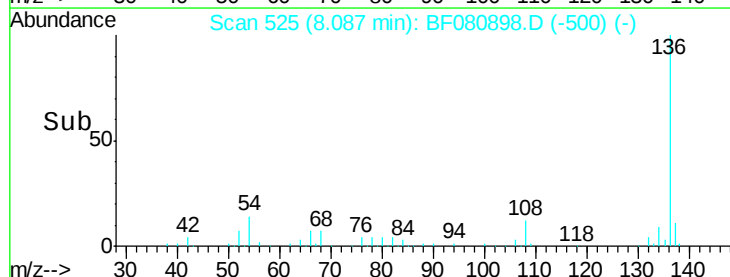
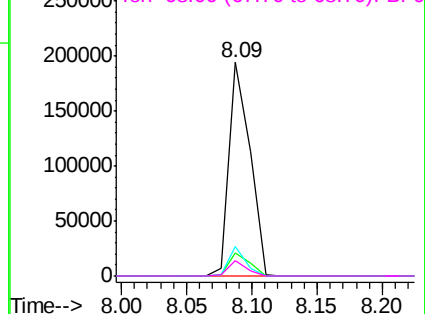


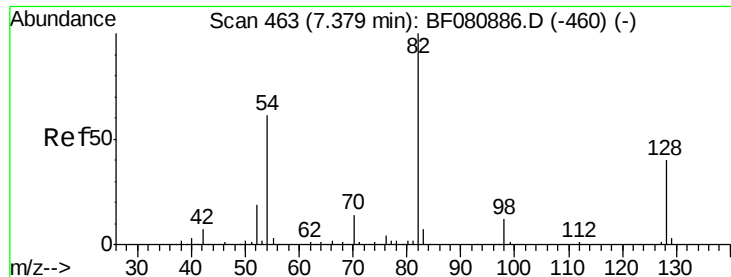
Abundance Ion 136.00 (135.70 to 136.70): E

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

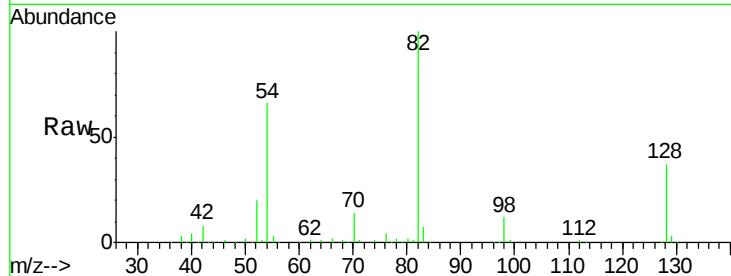




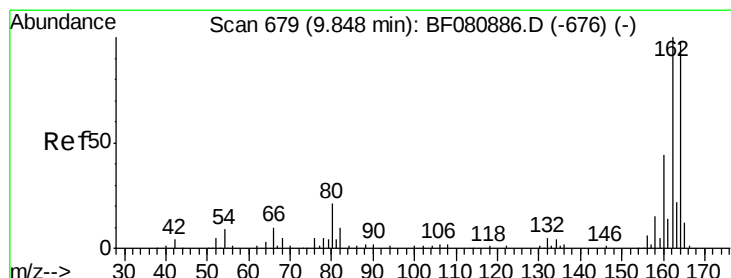
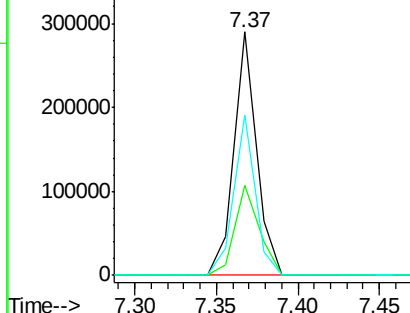
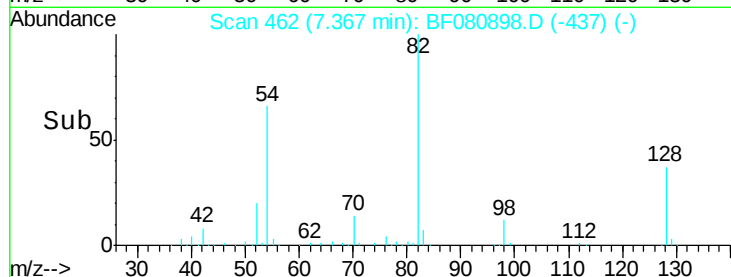
#23
 Nitrobenzene-d5
 Concen: 60.06 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080898.D
 Acq: 6 Aug 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB84873TB

Tot Ion	82	Resp	275462
Ion Ratio	Lower	Upper	
82	100		
128	37.1	31.8	47.6
54	66.1	48.6	72.8

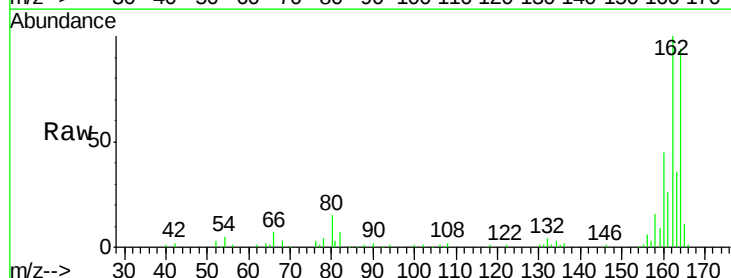


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

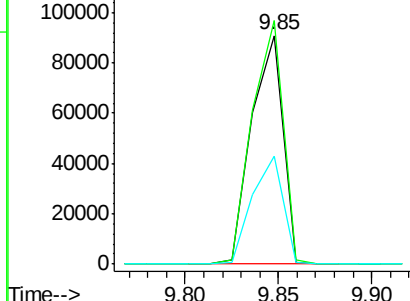
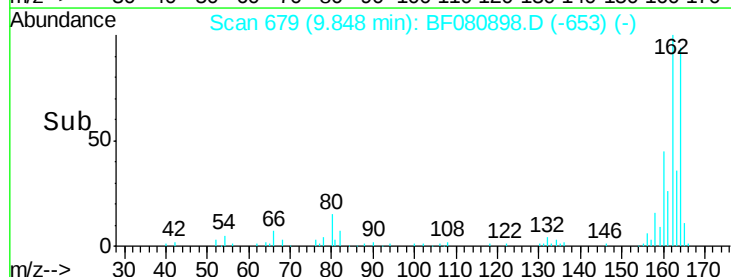


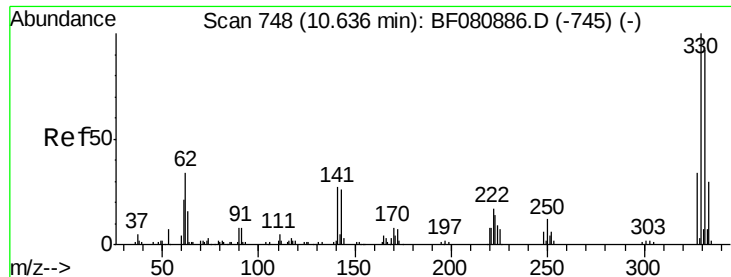
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080898.D
 Acq: 6 Aug 2015 20:01

Tgt Ion	164	Resp	105344
Ion Ratio	Lower	Upper	
164	100		
162	106.6	81.5	122.3
160	47.5	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

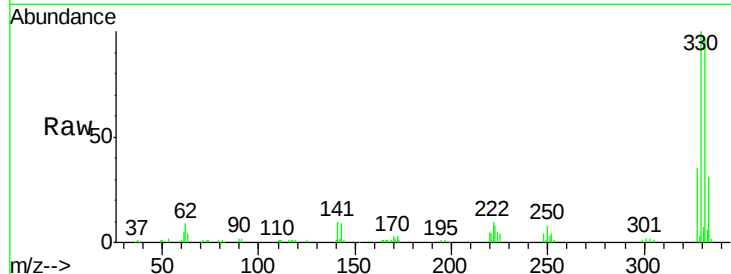




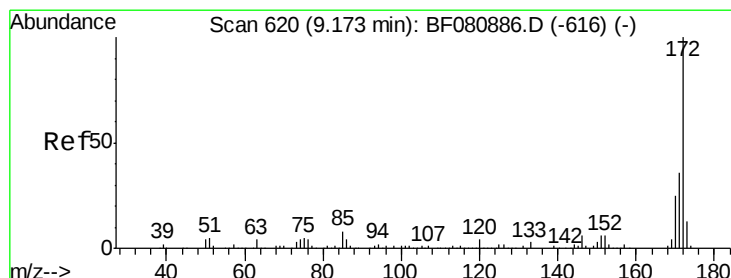
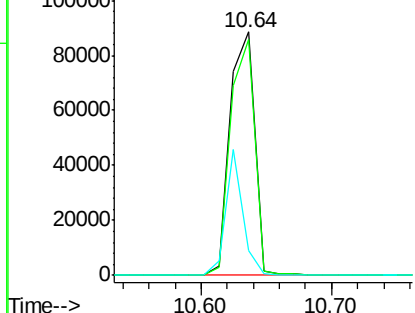
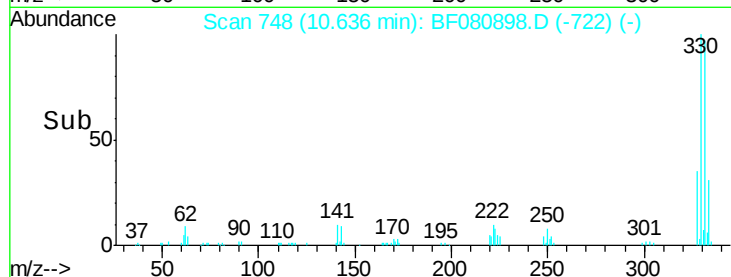
#41
 2,4,6-Tribromophenol
 Concen: 102.63 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080898.D
 Acq: 6 Aug 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB84873TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	74.1	111.1
141	35.5	30.1	45.1

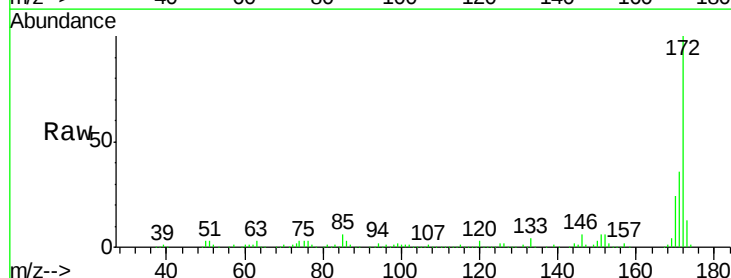


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

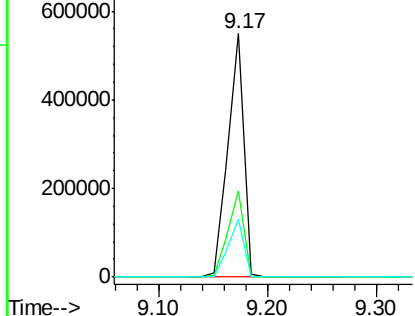
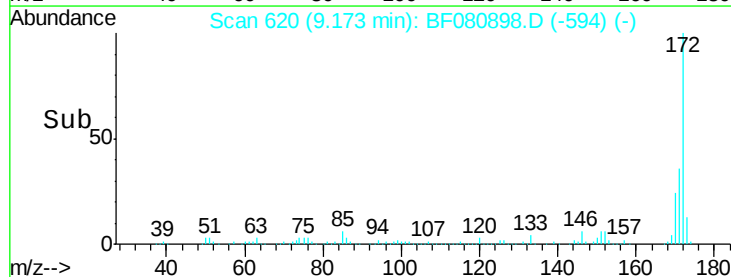


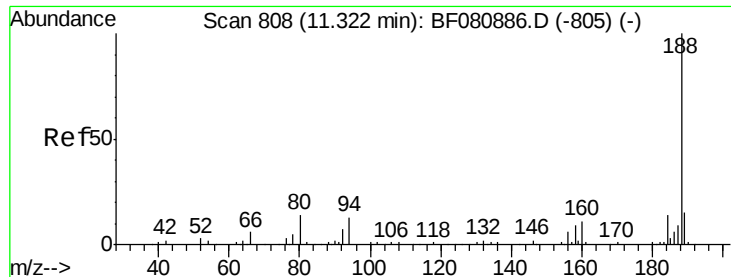
#44
 2-Fluorobiphenyl
 Concen: 74.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080898.D
 Acq: 6 Aug 2015 20:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.8	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

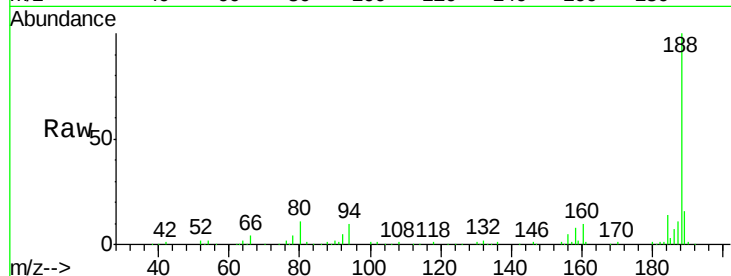




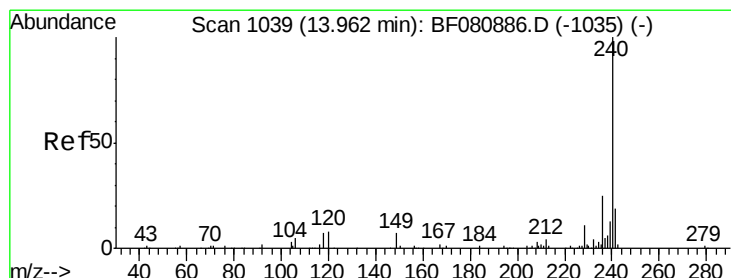
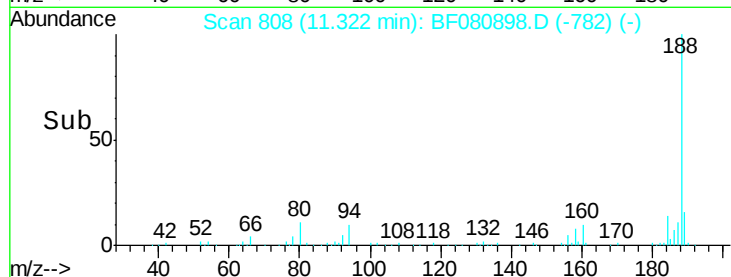
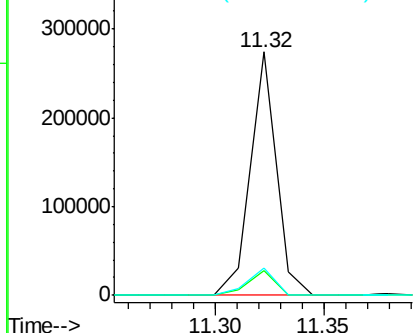
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080898.D
Acq: 6 Aug 2015 20:01

Instrument :
BNA_F
ClientSampleId :
PB84873TB

Tot Ion:188 Resp: 228223
Ion Ratio Lower Upper
188 100
94 10.1 10.2 15.2#
80 11.0 11.4 17.2#

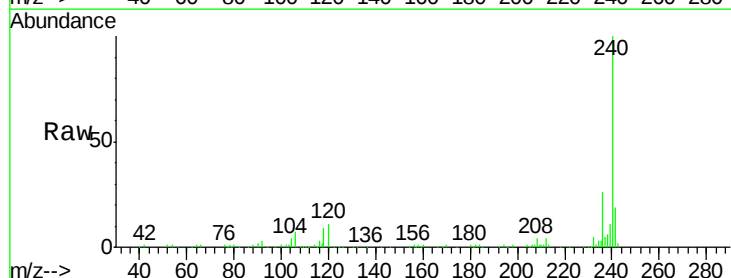


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

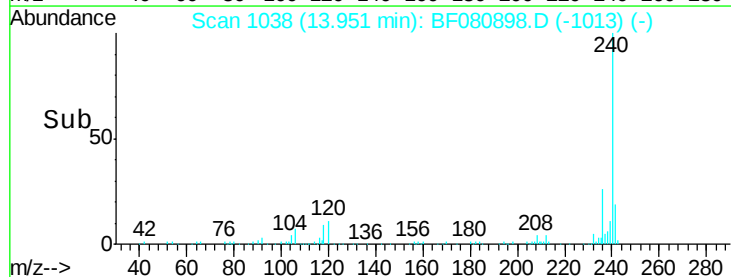
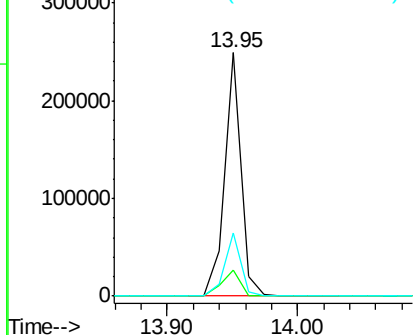


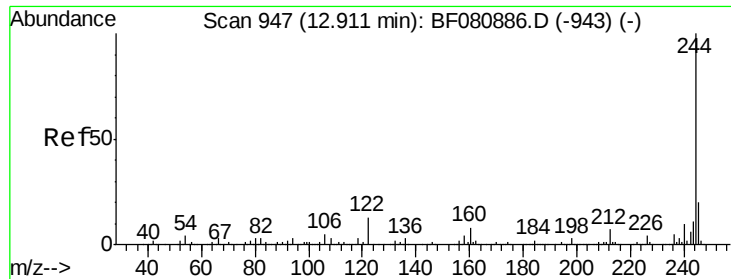
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080898.D
Acq: 6 Aug 2015 20:01

Tgt Ion:240 Resp: 219075
Ion Ratio Lower Upper
240 100
120 10.8 6.4 9.6#
236 25.7 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

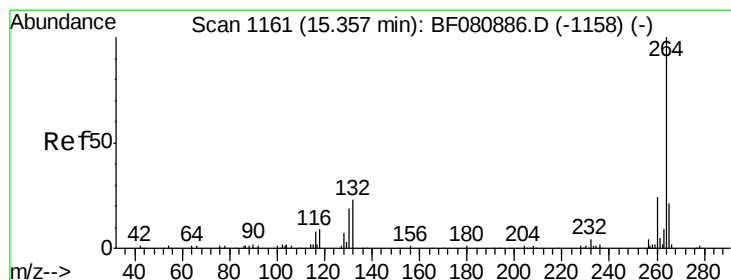
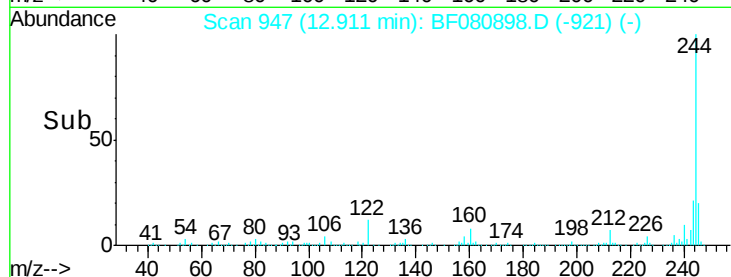
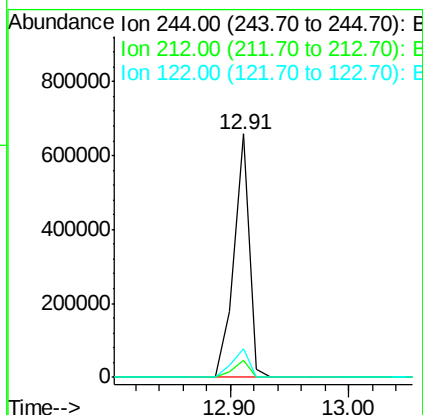
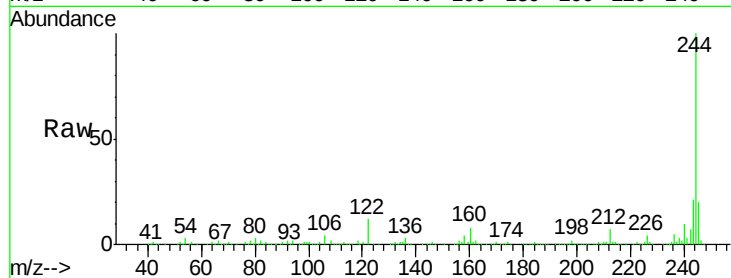




#78
 Terphenyl-d14
 Concen: 57.00 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080898.D
 Acq: 6 Aug 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB84873TB

Tot Ion:244 Resp: 592321
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.7 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: BF080898.D
 Acq: 6 Aug 2015 20:01

Tgt Ion:264 Resp: 187428
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.3 17.0 25.6

