

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080935.D
 Acq On : 7 Aug 2015 19:28
 Operator : TP/UM
 Sample : PB84719BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Quant Time: Aug 08 03:11:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	51707	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	189212	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	93618	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	204435	20.00	ng	0.00
75) Chrysene-d12	13.95	240	168926	20.00	ng	-0.01
86) Perylene-d12	15.36	264	124161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	400122	126.43	ng	0.02
7) Phenol-d6	6.44	99	611199	140.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	310928	77.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	128482	124.92	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	624712	93.94	ng	0.00
78) Terphenyl-d14	12.91	244	628714	76.88	ng	0.00

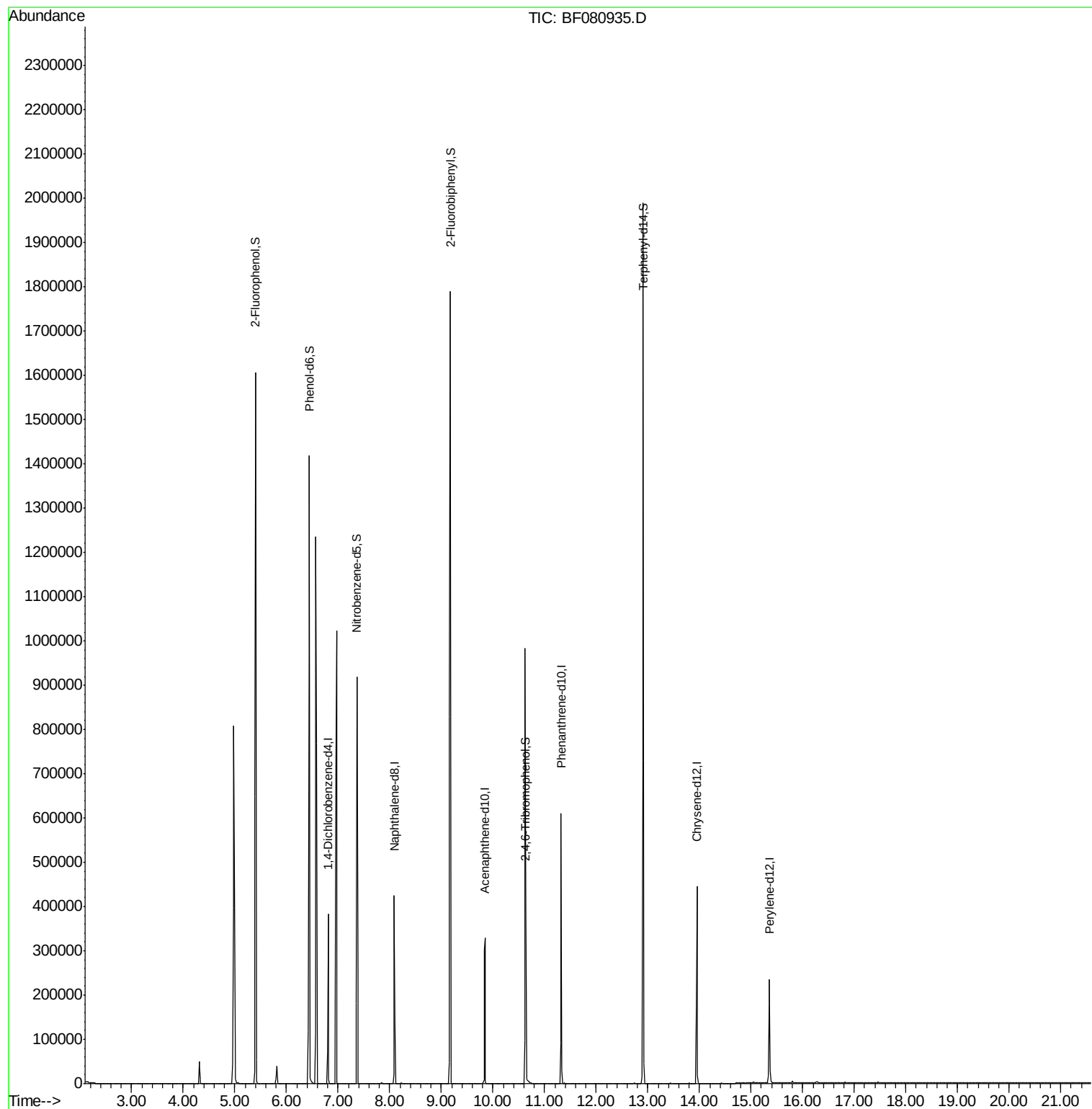
Target Compounds Qvalue

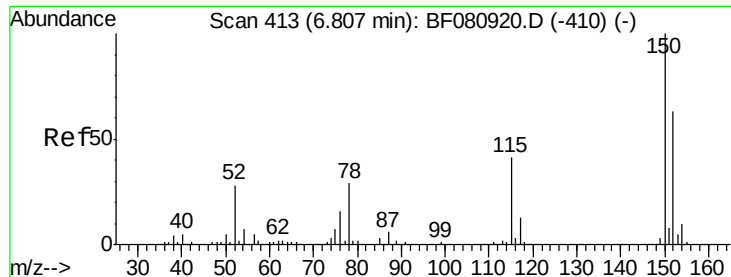
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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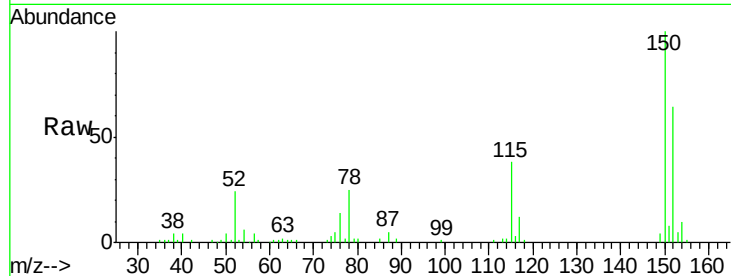


#1

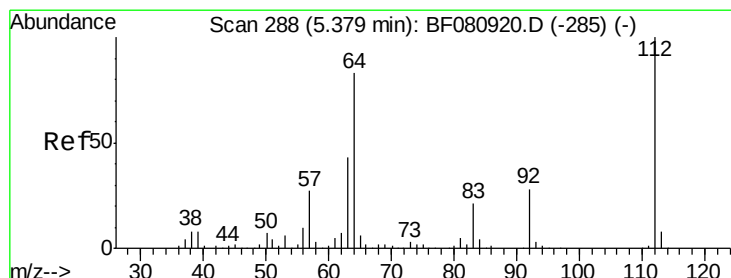
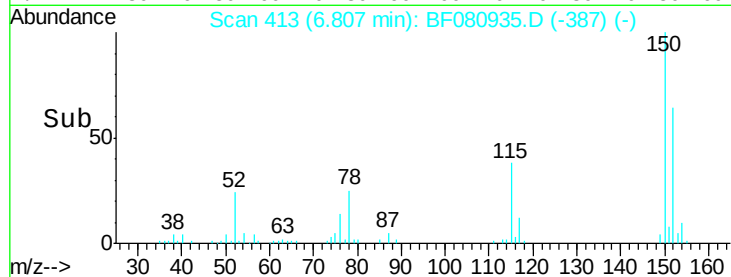
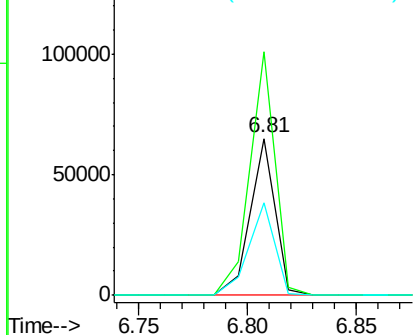
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080935.D
Acq: 7 Aug 2015 19:28

Instrument :
BNA_F
ClientSampleId :
PB84719BL

Tot Ion:152 Resp: 51707
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.2
115 59.2 52.6 78.8



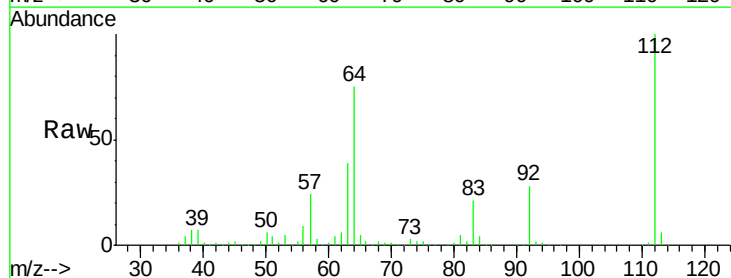
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



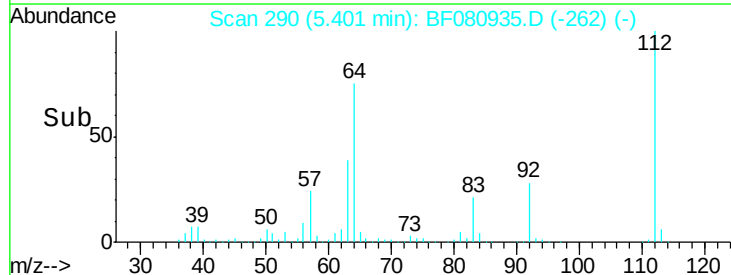
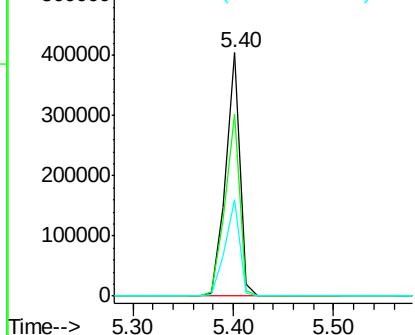
#5

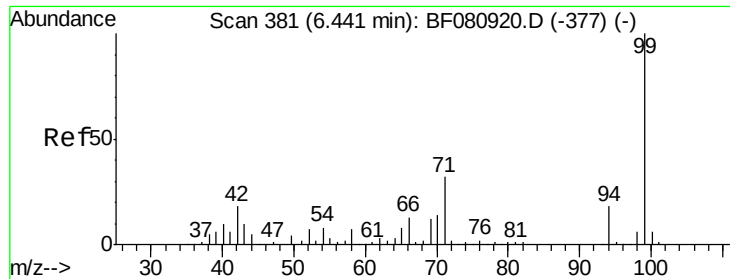
2-Fluorophenol
Concen: 126.43 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF080935.D
Acq: 7 Aug 2015 19:28

Tgt Ion:112 Resp: 400122
Ion Ratio Lower Upper
112 100
64 74.7 66.1 99.1
63 39.5 34.6 52.0



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: 140.94 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080935.D

Acq: 7 Aug 2015 19:28

Instrument :

BNA_F

ClientSampleId :

PB84719BL

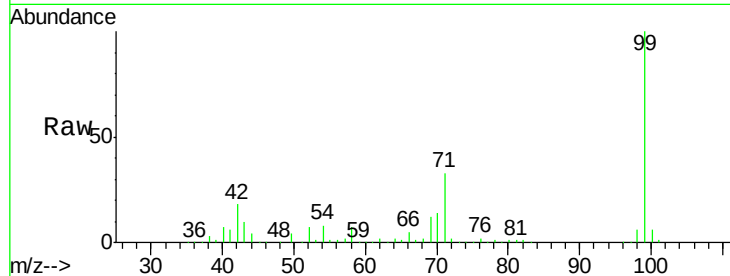
Tot Ion: 99 Resp: 611199

Ion Ratio Lower Upper

99 100

42 17.8 14.4 21.6

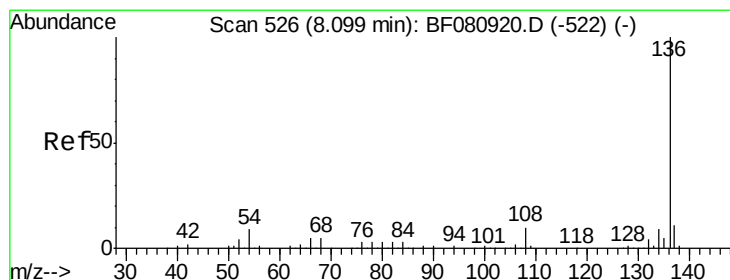
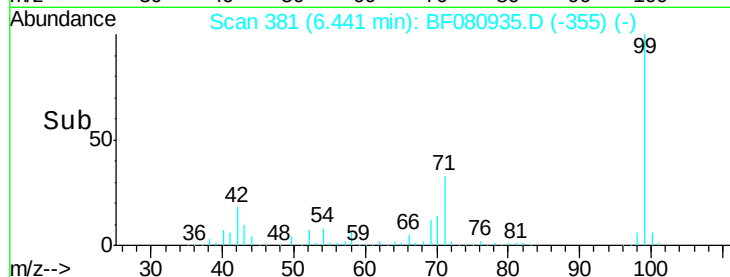
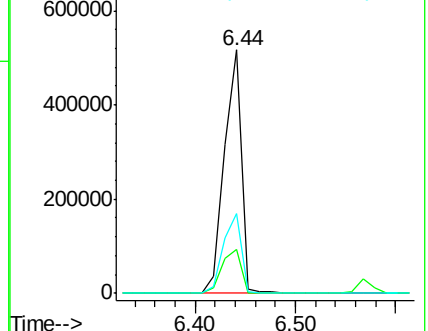
71 32.7 25.8 38.8



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: BF080935.D

Acq: 7 Aug 2015 19:28

Tgt Ion: 136 Resp: 189212

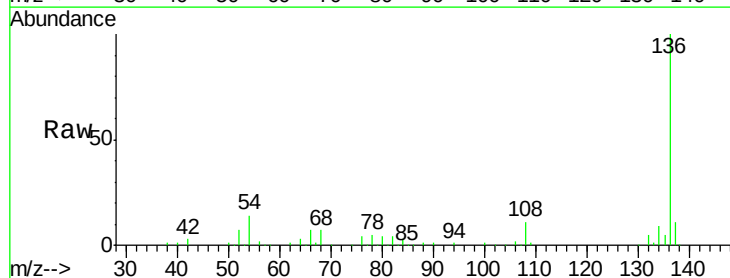
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 13.7 7.1 10.7#

68 7.1 3.8 5.8#

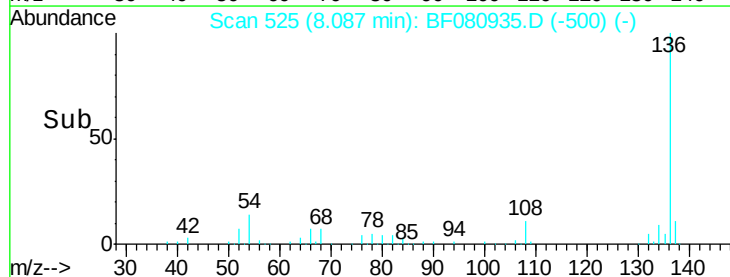
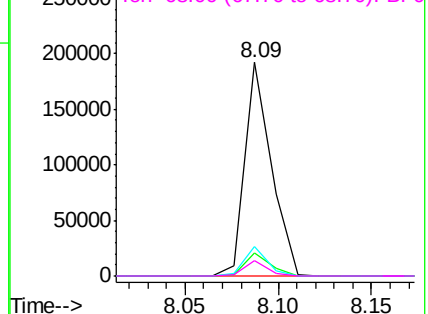


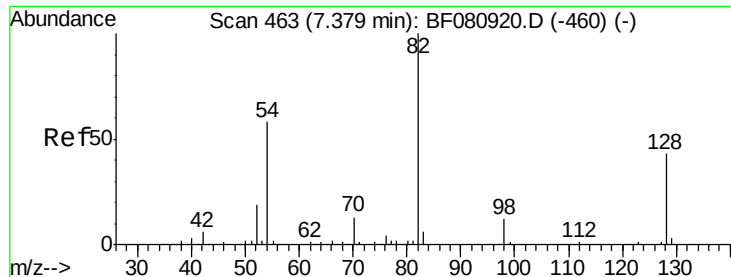
Abundance Ion 136.00 (135.70 to 136.70): E

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

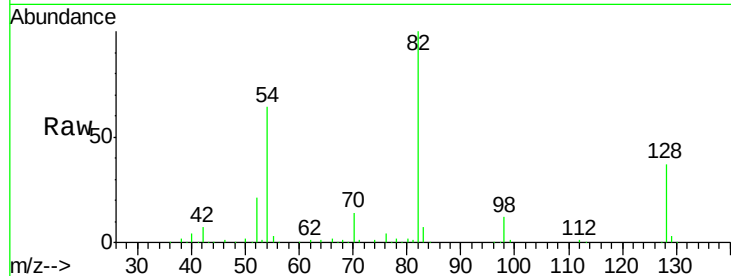




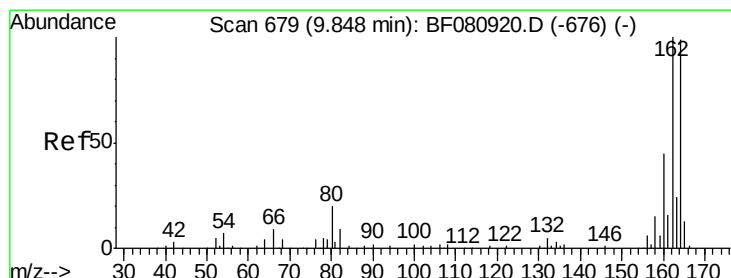
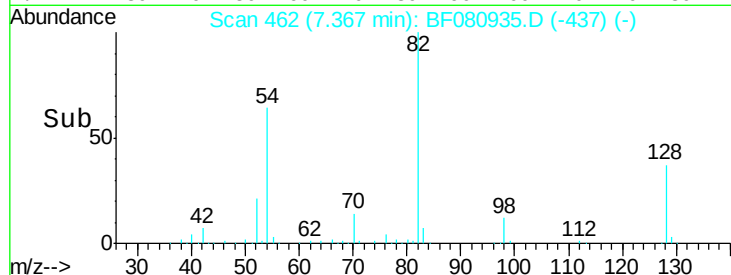
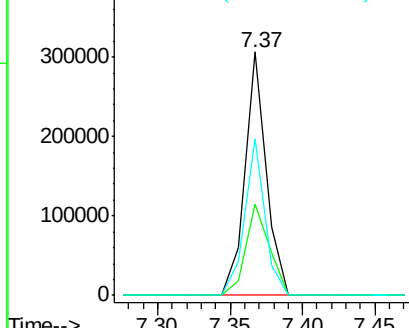
#23
 Nitrobenzene-d5
 Concen: 77.73 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Tot Ion	82	Resp	310928
Ion Ratio	Lower	Upper	
82	100		
128	37.2	34.1	51.1
54	64.4	46.5	69.7

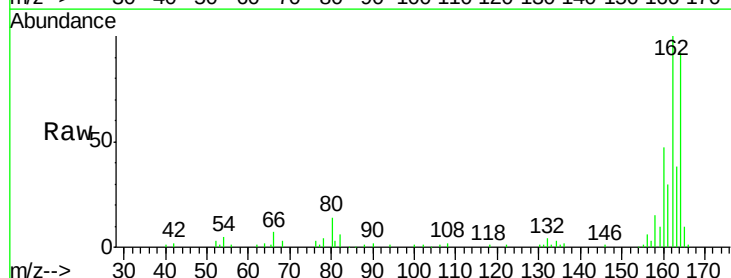


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

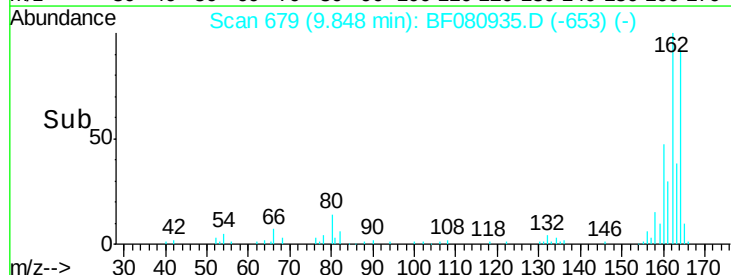
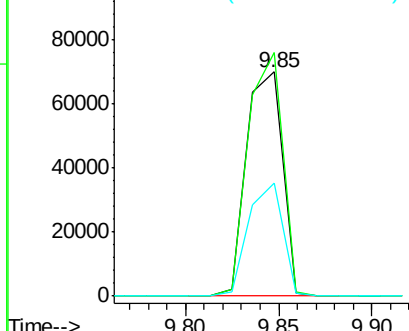


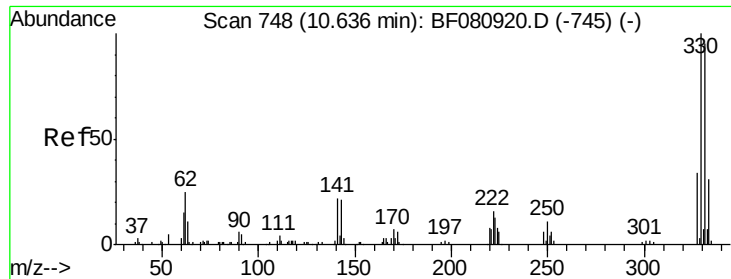
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Tgt Ion	164	Resp	93618
Ion Ratio	Lower	Upper	
164	100		
162	108.5	80.5	120.7
160	50.5	36.6	54.8



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

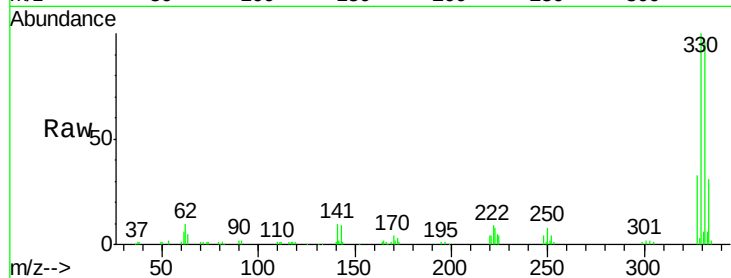




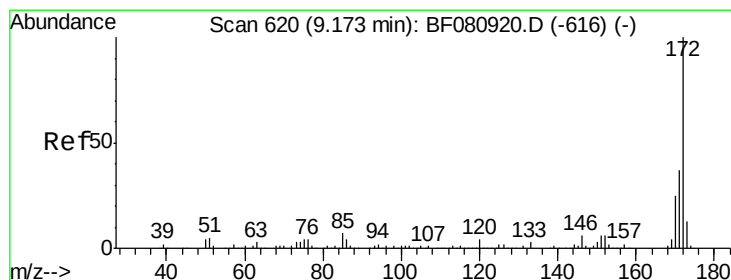
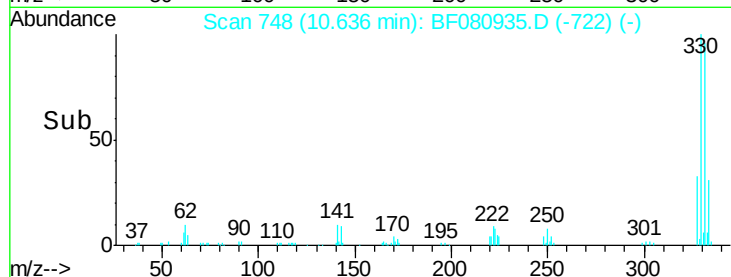
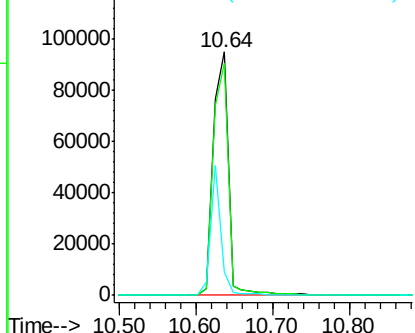
#41
 2,4,6-Tribromophenol
 Concen: 124.92 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	36.5	27.8	41.8

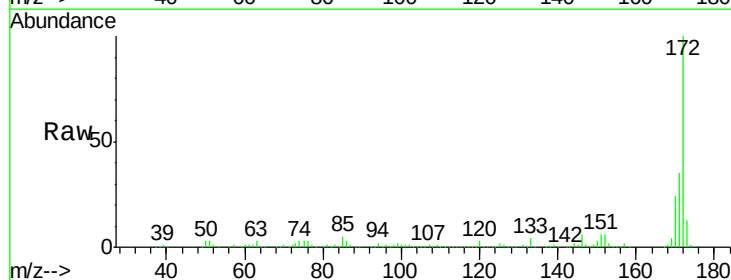


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

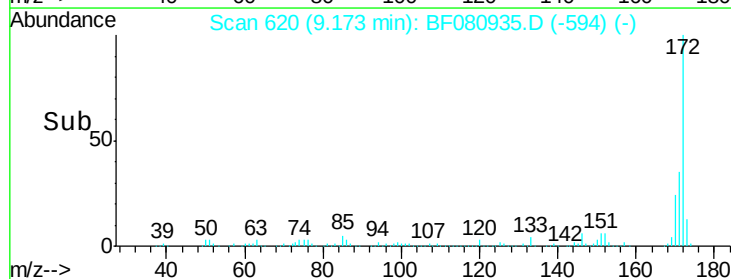
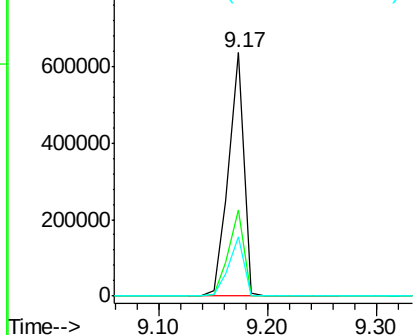


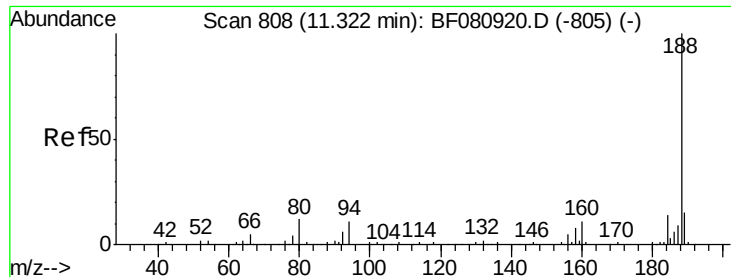
#44
 2-Fluorobiphenyl
 Concen: 93.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	24.4	19.7	29.5



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

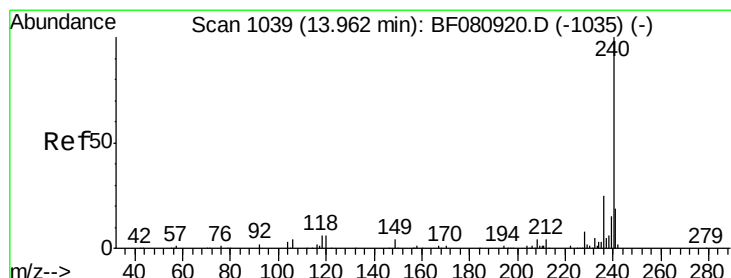
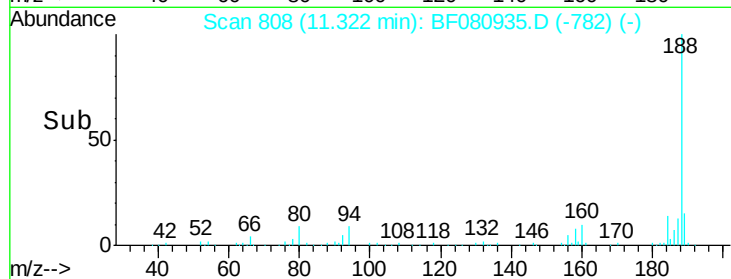
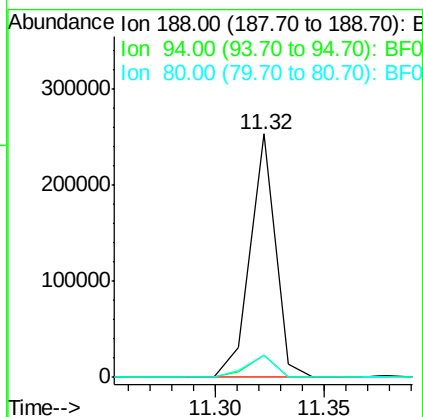
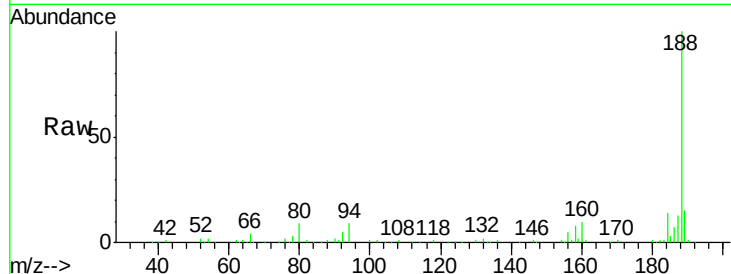




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080935.D
Acq: 7 Aug 2015 19:28

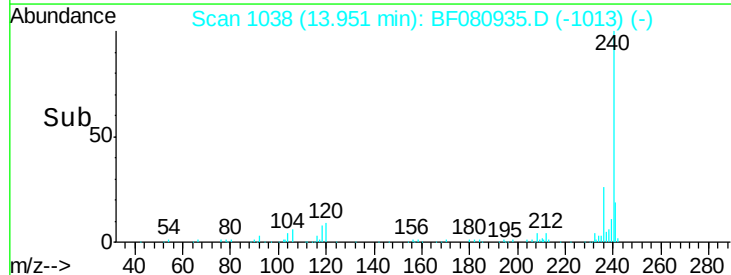
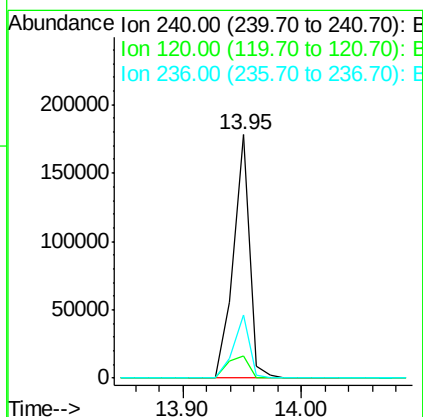
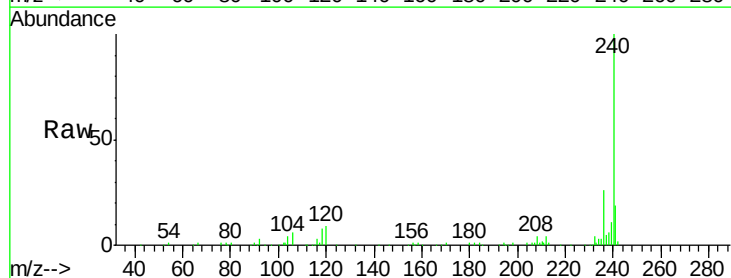
Instrument :
BNA_F
ClientSampleId :
PB84719BL

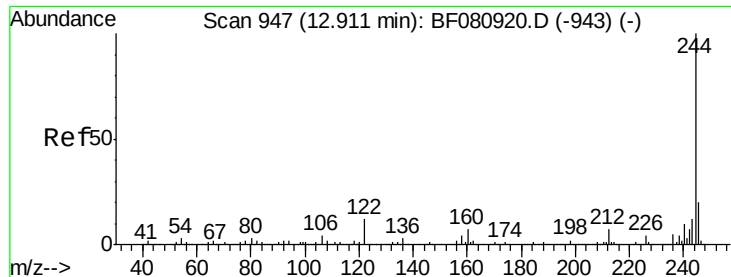
Tot Ion:188 Resp: 204435
Ion Ratio Lower Upper
188 100
94 9.0 8.8 13.2
80 9.3 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080935.D
Acq: 7 Aug 2015 19:28

Tgt Ion:240 Resp: 168926
Ion Ratio Lower Upper
240 100
120 9.0 5.2 7.8#
236 25.7 20.2 30.4

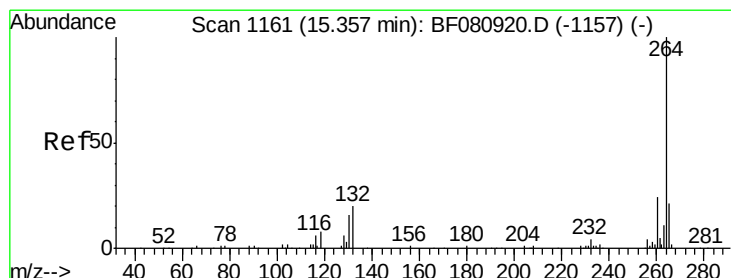
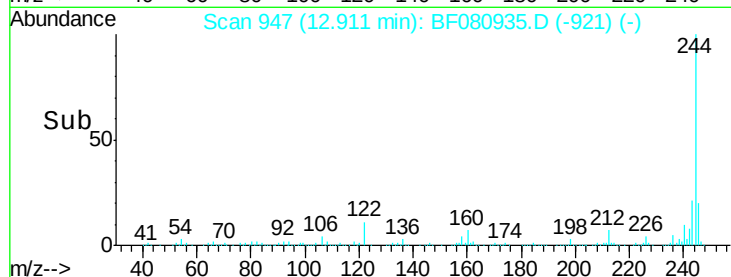
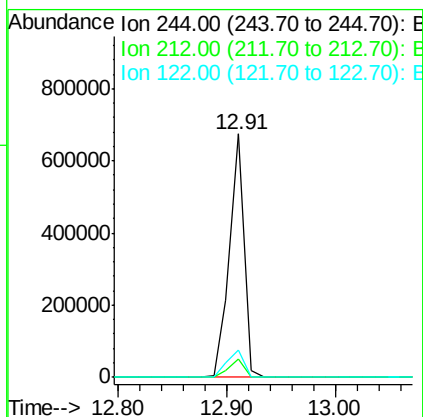
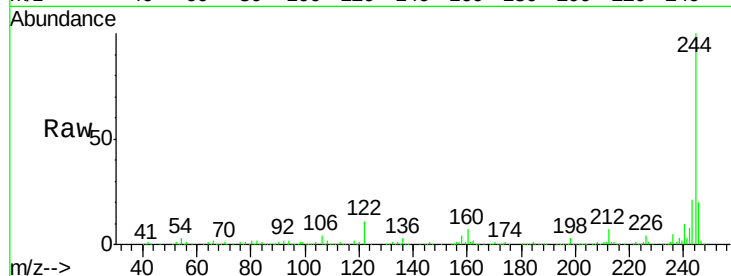




#78
 Terphenyl-d14
 Concen: 76.88 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BL

Tot Ion:244 Resp: 628714
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.3 9.4 14.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080935.D
 Acq: 7 Aug 2015 19:28

Tgt Ion:264 Resp: 124161
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.6 17.0 25.4

