

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081045.D
 Acq On : 18 Aug 2015 16:30
 Operator : UM/IZ
 Sample : PB85041BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BL

Quant Time: Aug 19 01:09:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	51008	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	195833	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	95153	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	226287	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	218164	20.00	ng	-0.02
86) Perylene-d12	15.07	264	186415	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	243445	71.79	ng	-0.01
7) Phenol-d6	6.25	99	381041	86.12	ng	-0.01
23) Nitrobenzene-d5	7.18	82	355511	82.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	73128	88.66	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	536670	73.90	ng	-0.02
78) Terphenyl-d14	12.70	244	620986	61.02	ng	-0.01

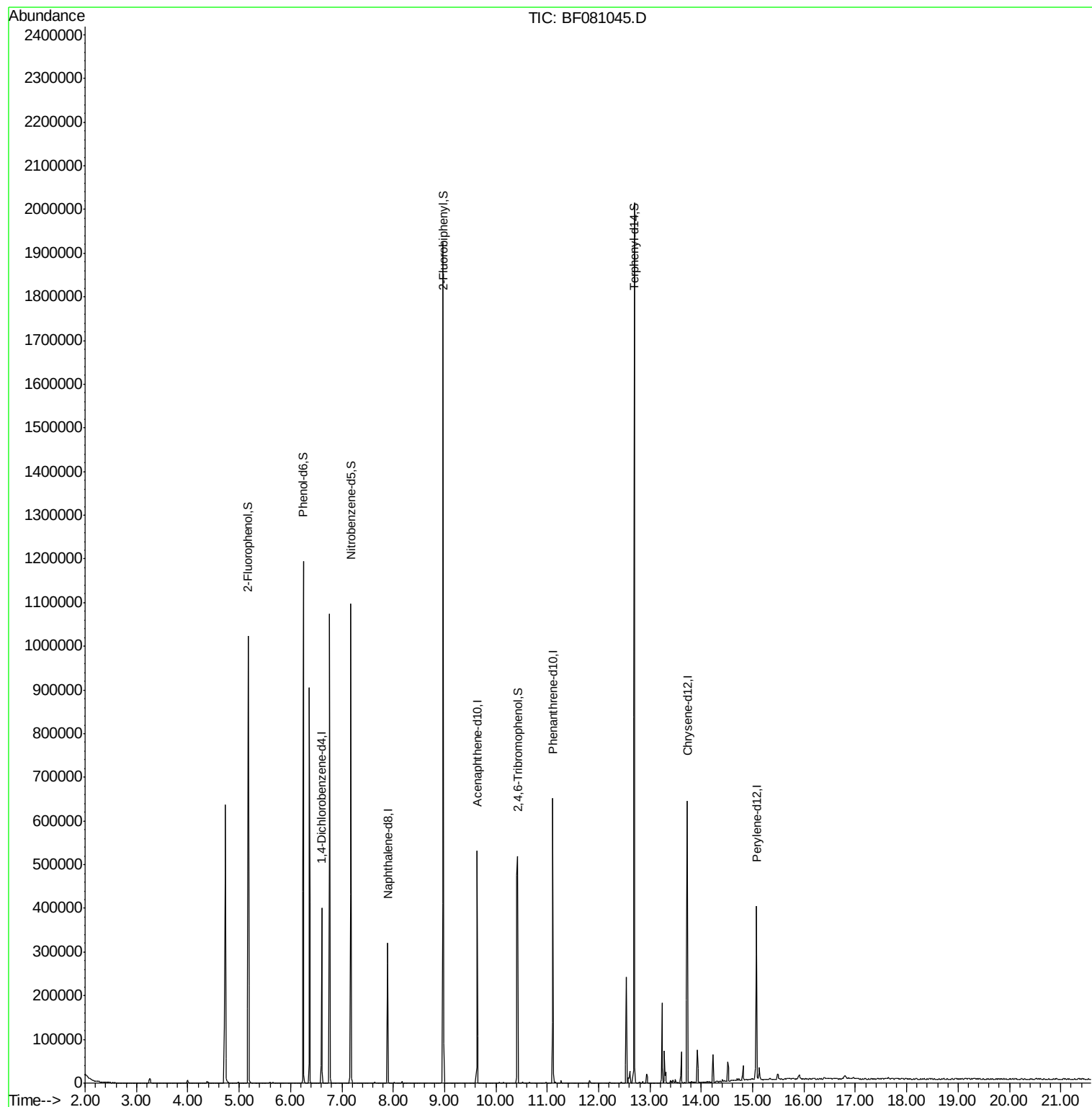
Target Compounds Qvalue

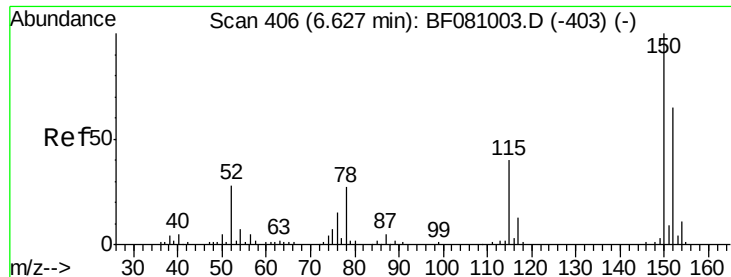
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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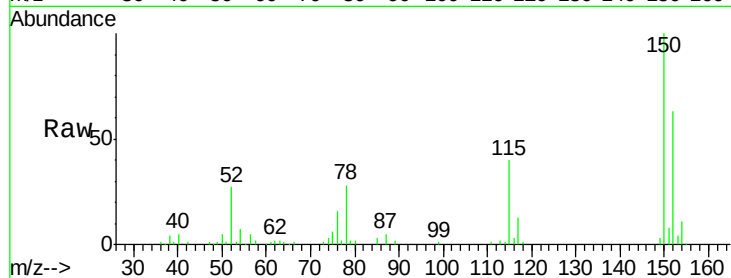


#1

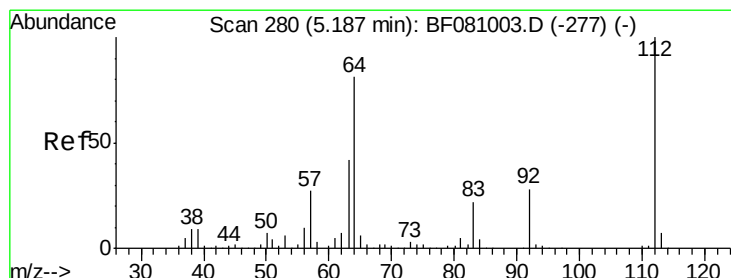
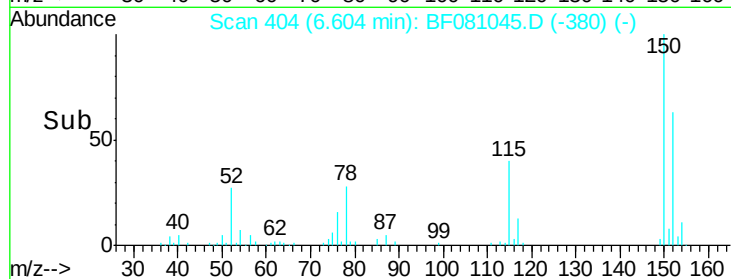
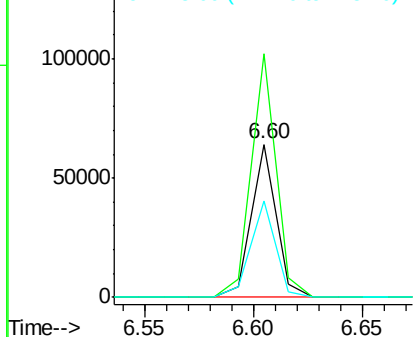
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081045.D
Acq: 18 Aug 2015 16:30

Instrument :
BNA_F
ClientSampleId :
PB85041BL

Tot Ion:152 Resp: 51008
Ion Ratio Lower Upper
152 100
150 159.3 123.8 185.6
115 63.4 52.1 78.1



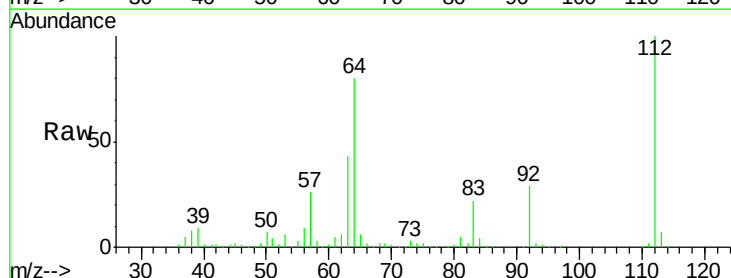
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



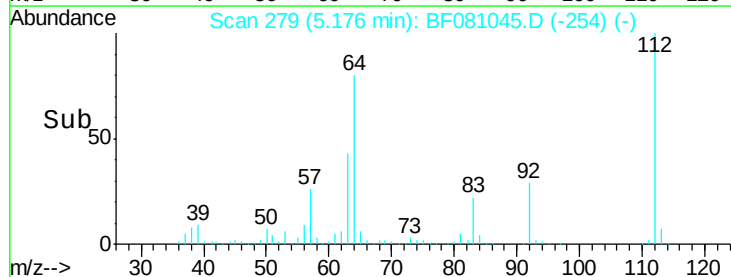
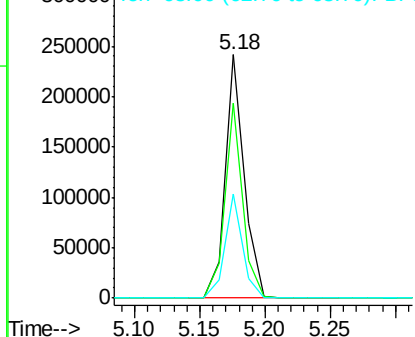
#5

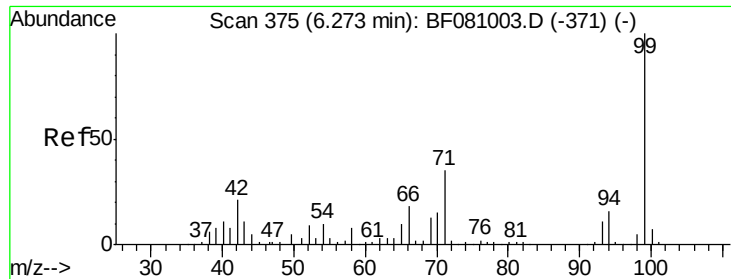
2-Fluorophenol
Concen: 71.79 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF081045.D
Acq: 18 Aug 2015 16:30

Tgt Ion:112 Resp: 243445
Ion Ratio Lower Upper
112 100
64 80.1 66.9 100.3
63 42.8 38.1 57.1



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: 86.12 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081045.D

Acq: 18 Aug 2015 16:30

Instrument :

BNA_F

ClientSampleID :

PB85041BL

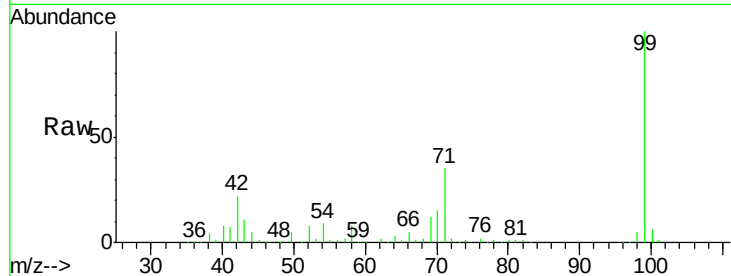
Tot Ion: 99 Resp: 381041

Ion Ratio Lower Upper

99 100

42 22.0 19.6 29.4

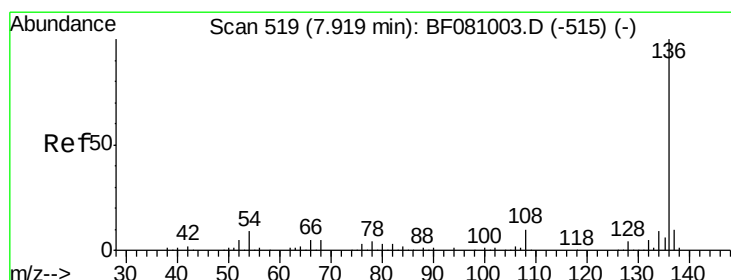
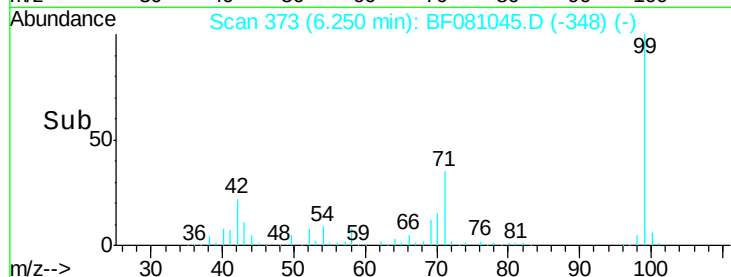
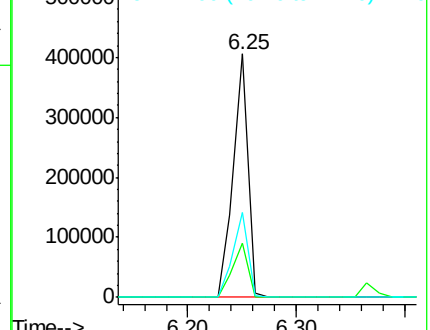
71 35.1 31.2 46.8



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: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081045.D

Acq: 18 Aug 2015 16:30

Tgt Ion: 136 Resp: 195833

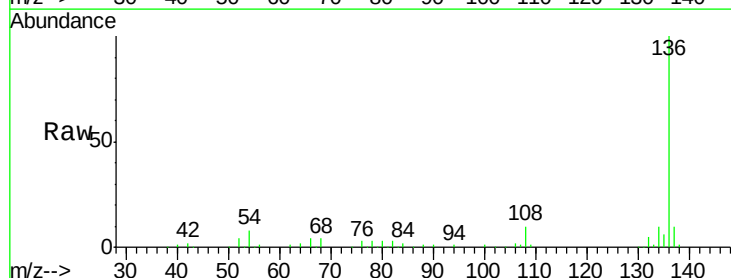
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.2

54 7.6 7.7 11.5#

68 4.4 3.4 5.2

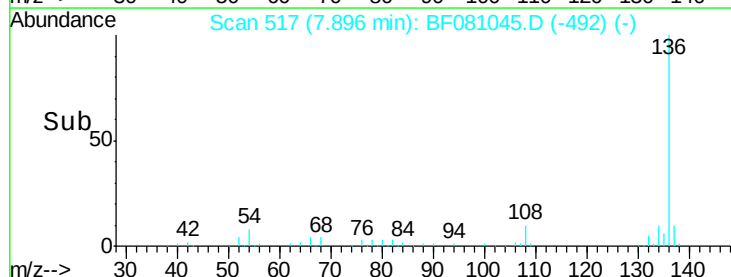
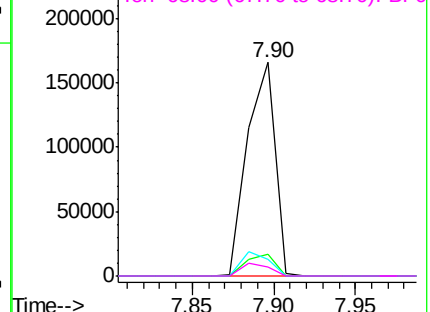


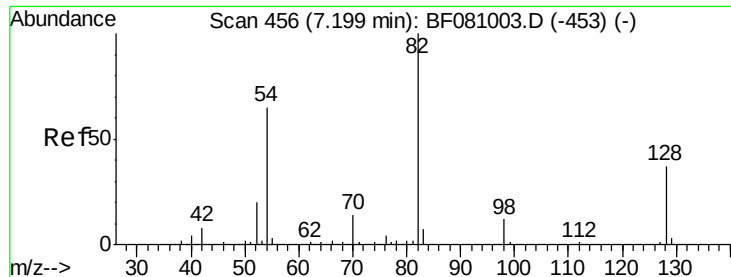
Abundance Ion 136.00 (135.70 to 136.70): E

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

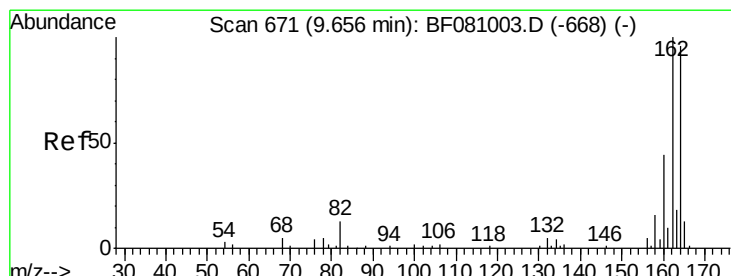
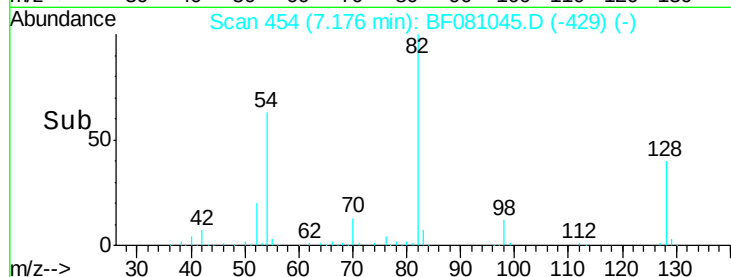
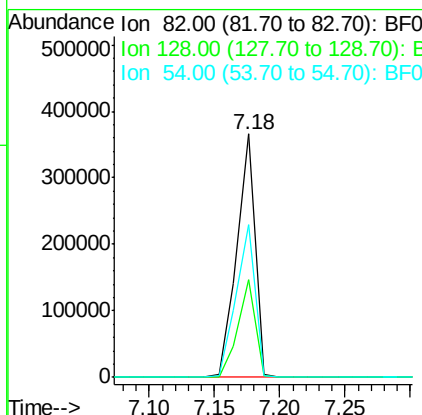
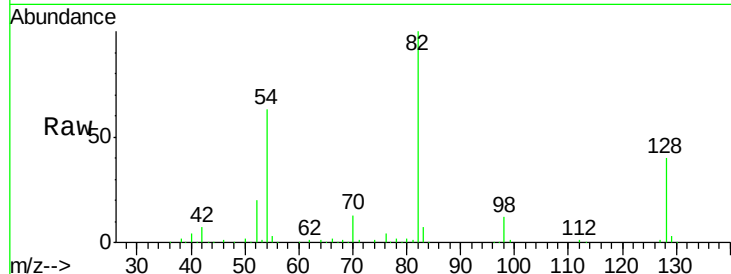




#23
 Nitrobenzene-d5
 Concen: 82.93 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

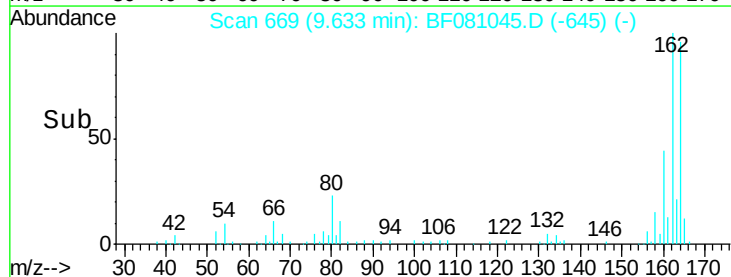
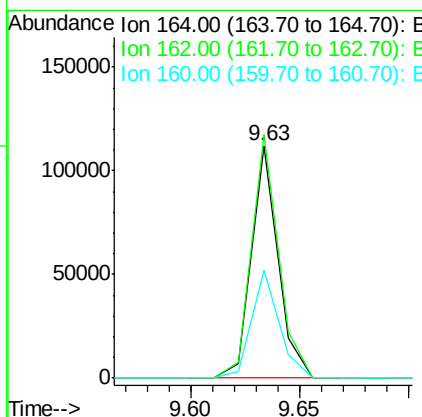
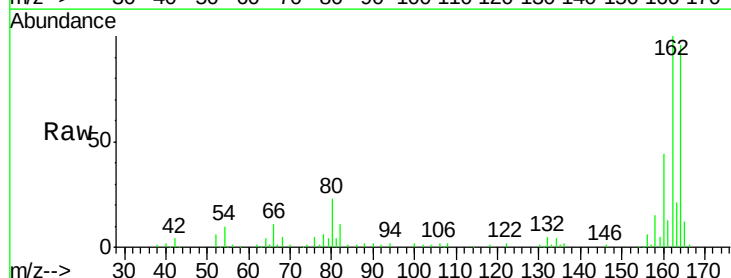
Instrument :
 BNA_F
 ClientSampleId :
 PB85041BL

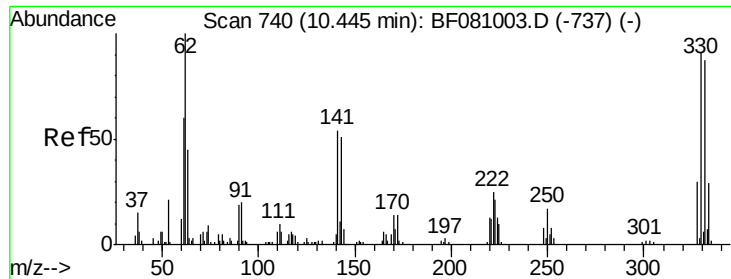
Tot Ion	82	Resp	355511
Ion Ratio	Lower	Upper	
82	100		
128	40.0	28.6	42.8
54	62.7	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Tgt Ion	164	Resp	95153
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.8	125.8
160	46.4	39.8	59.8

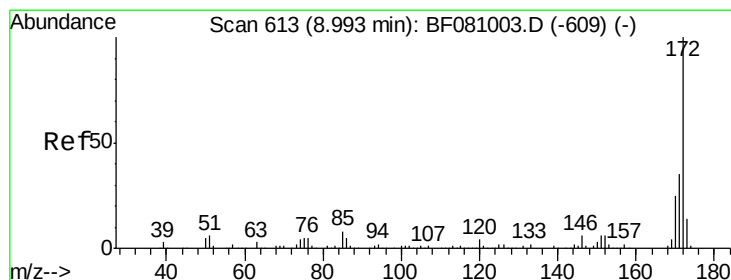
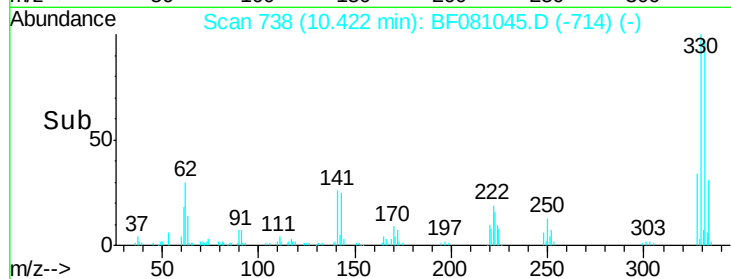
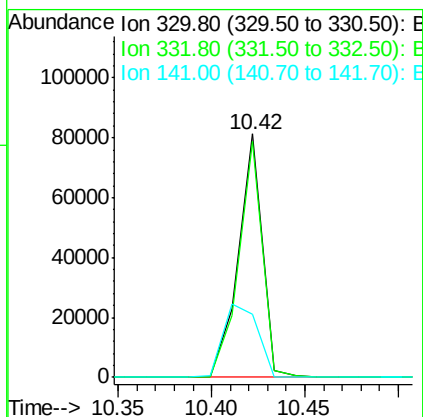
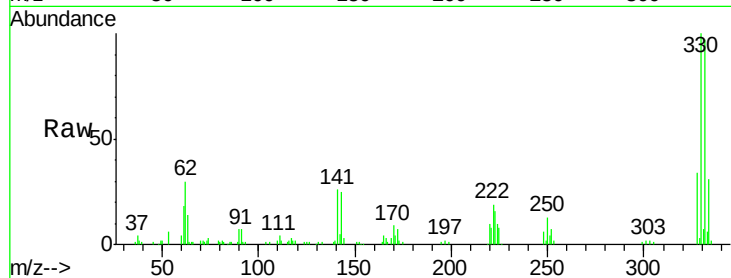




#41
 2,4,6-Tribromophenol
 Concen: 88.66 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

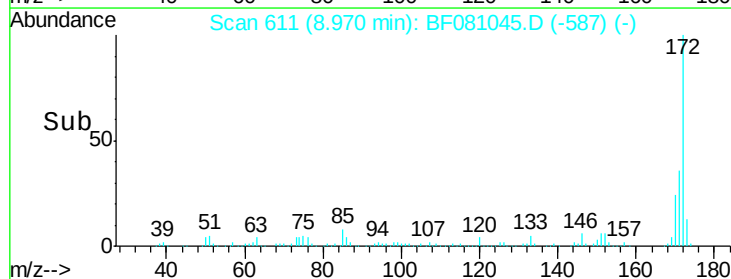
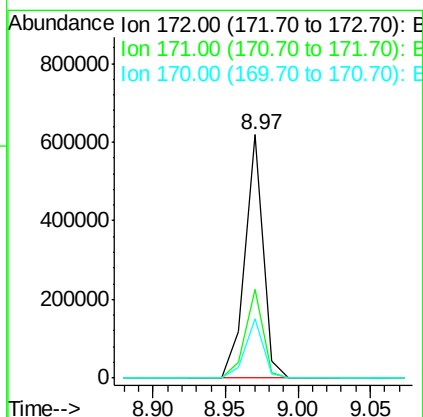
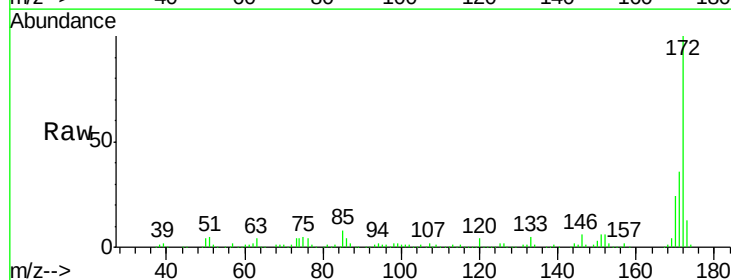
Instrument :
 BNA_F
 ClientSampleId :
 PB85041BL

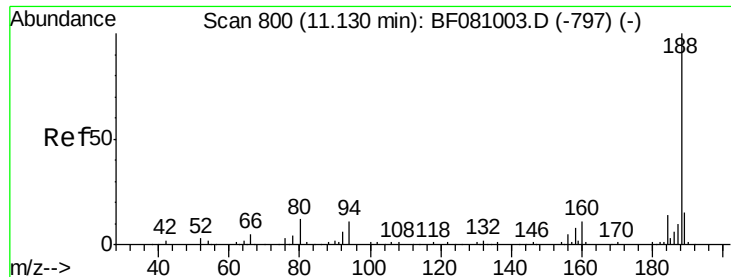
Tot Ion:330 Resp: 73128
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 43.2 44.9 67.3#



#44
 2-Fluorobiphenyl
 Concen: 73.90 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Tgt Ion:172 Resp: 536670
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.3 19.4 29.2

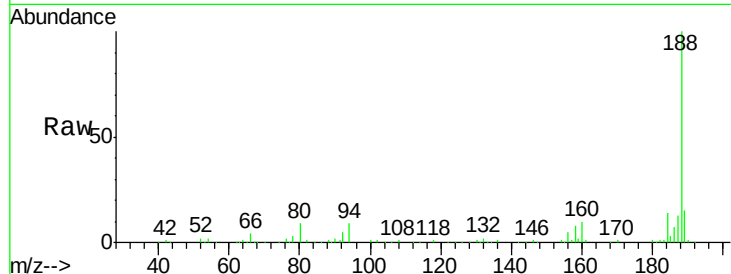




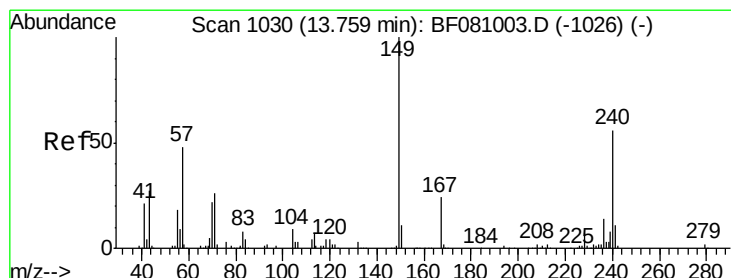
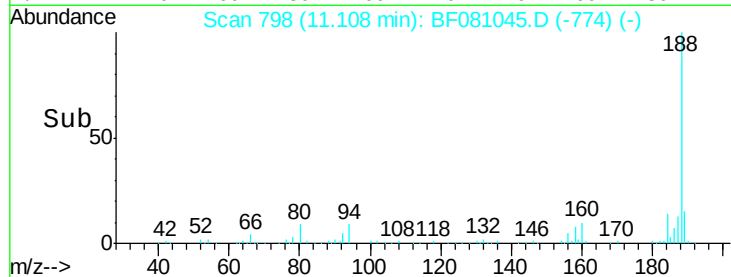
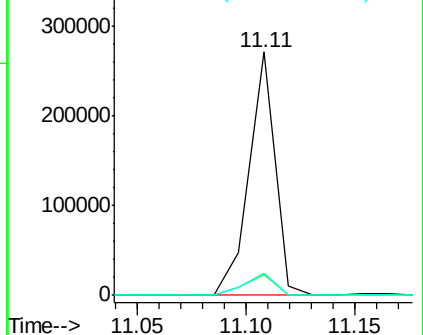
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Instrument :
 BNA_F
 ClientSampled :
 PB85041BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.2	9.5	14.3#

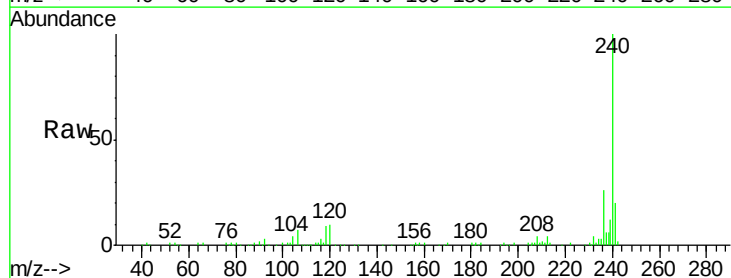


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

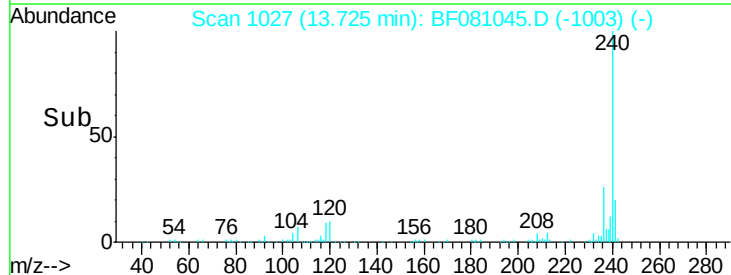
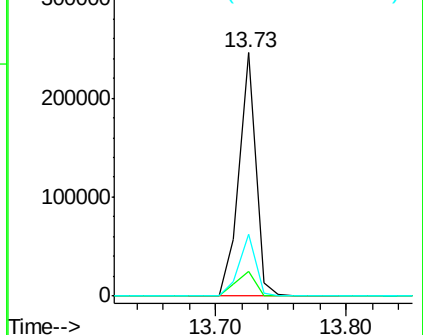


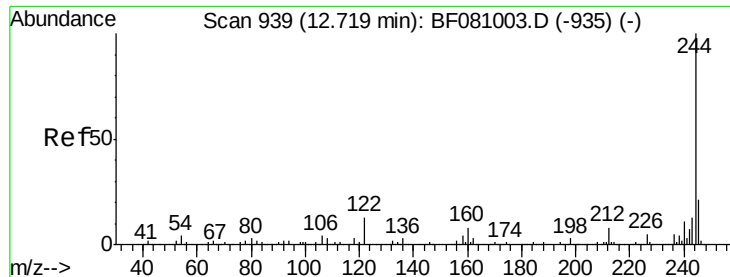
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.6	8.4#
236	25.6	20.6	30.8



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

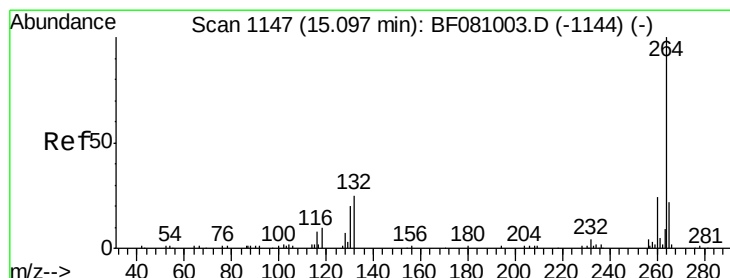
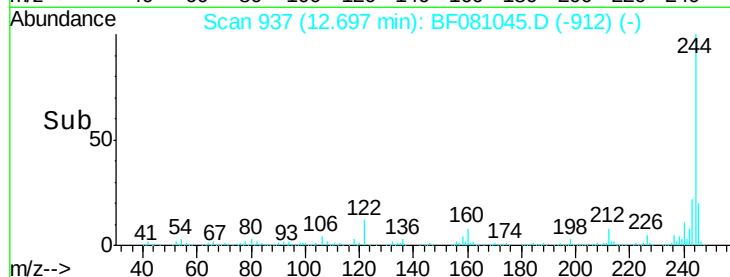
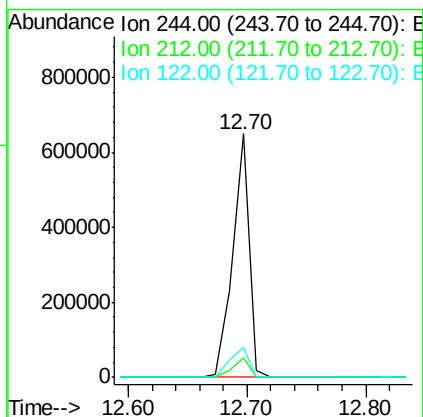
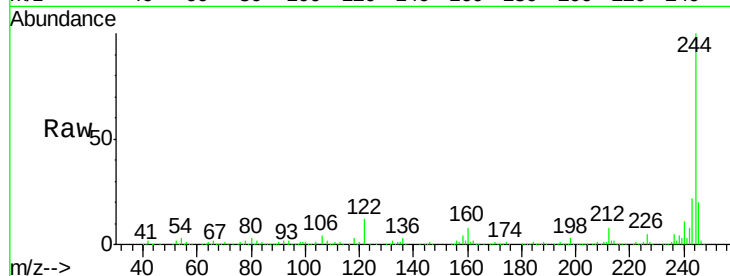




#78
 Terphenyl-d14
 Concen: 61.02 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BL

Tot Ion:244 Resp: 620986
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 12.5 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Tgt Ion:264 Resp: 186415
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 20.5 17.5 26.3

