

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088713.D
 Acq On : 5 Jul 2016 20:10
 Operator : UM/SJ
 Sample : PB91868BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BL

Quant Time: Jul 06 02:03:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	103799	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	421564	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	206676	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	390496	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	330312	20.00	ng	-0.01
86) Perylene-d12	15.29	264	218542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	589269	85.08	ng	0.00
7) Phenol-d6	6.41	99	757419	84.64	ng	0.00
23) Nitrobenzene-d5	7.34	82	501827	62.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	152522	79.47	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	847673	64.79	ng	-0.01
78) Terphenyl-d14	12.87	244	781794	52.72	ng	0.00

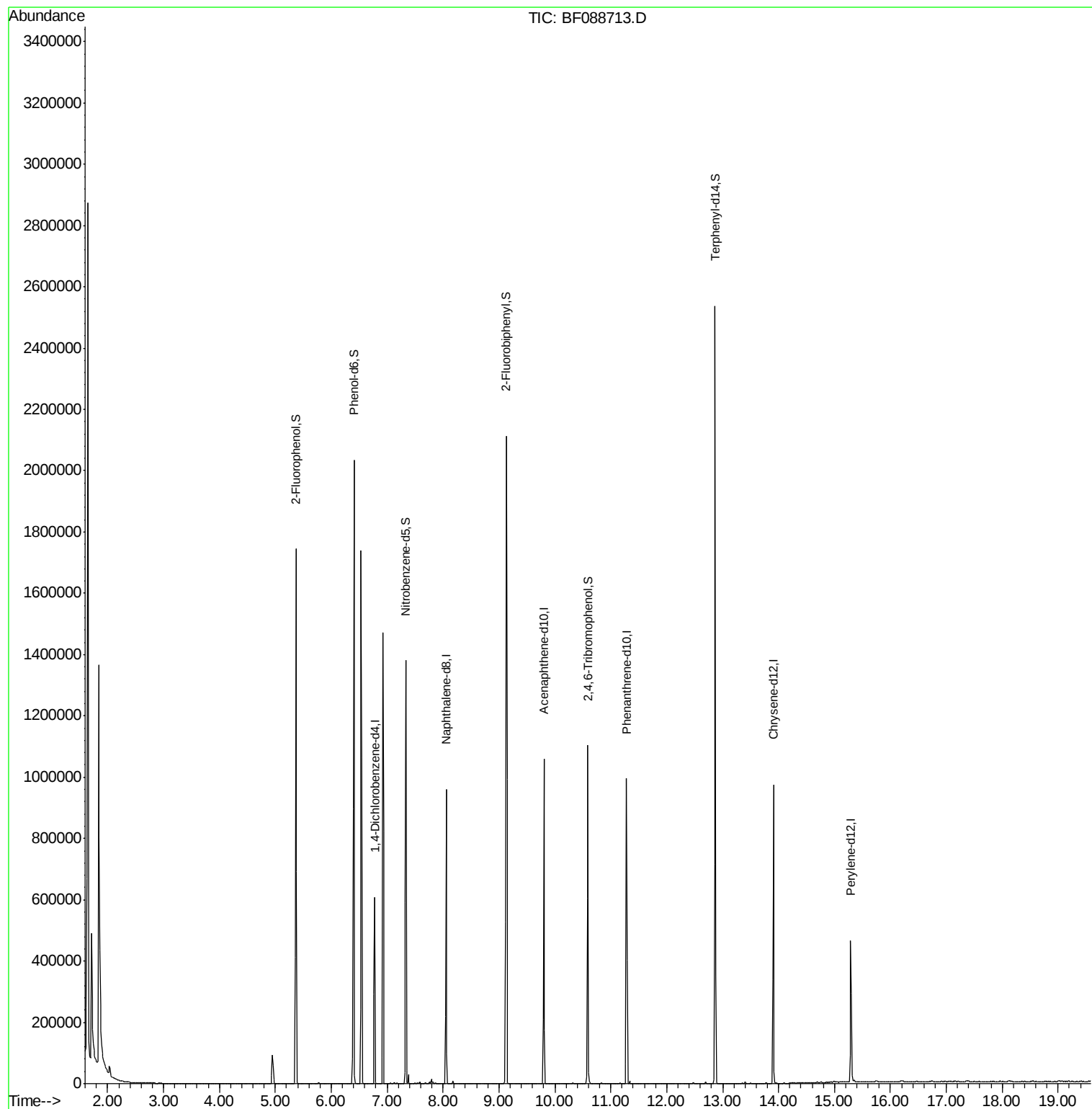
Target Compounds Qvalue

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

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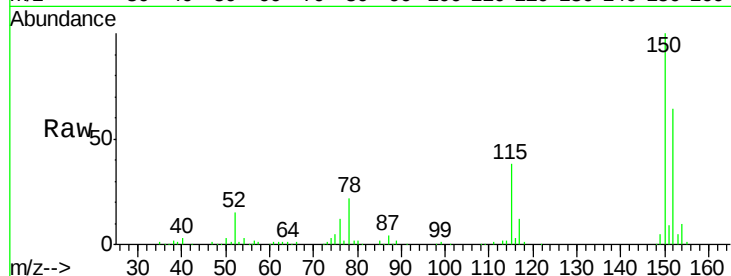


#1

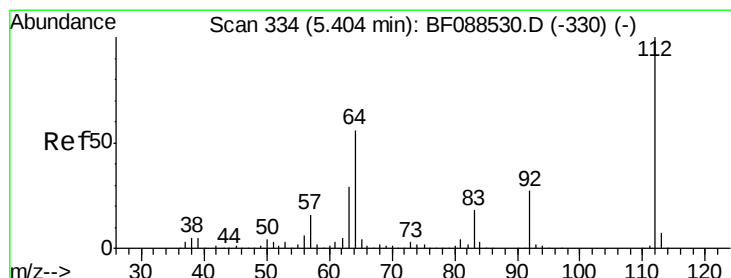
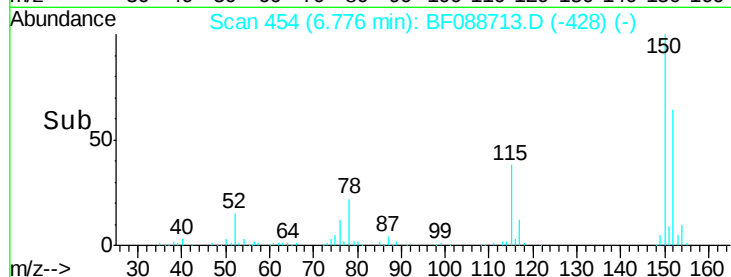
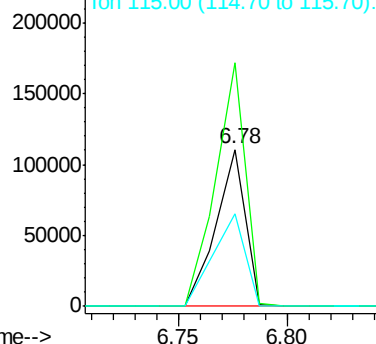
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF088713.D
Acq: 5 Jul 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB91868BL

Tot Ion:152 Resp: 103799
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 58.9 39.6 59.4



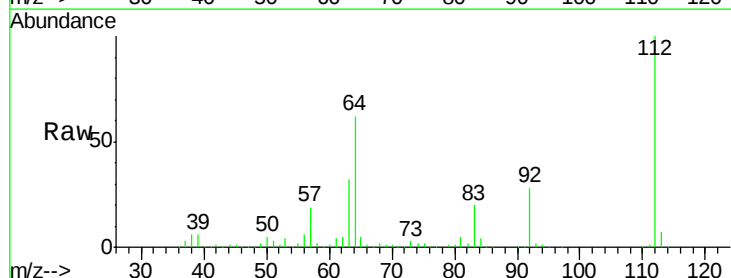
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



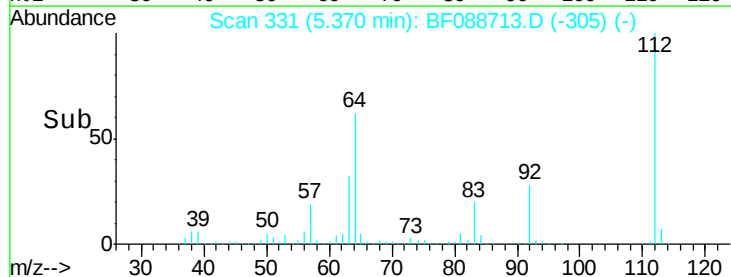
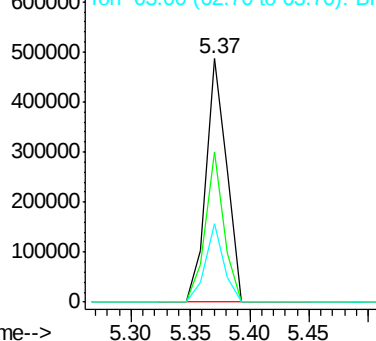
#5

2-Fluorophenol
Concen: 85.08 ng
RT: 5.37 min Scan# 331
Delta R.T. -0.00 min
Lab File: BF088713.D
Acq: 5 Jul 2016 20:10

Tgt Ion:112 Resp: 589269
Ion Ratio Lower Upper
112 100
64 61.5 42.2 63.2
63 32.4 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: 84.64 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB91868BL

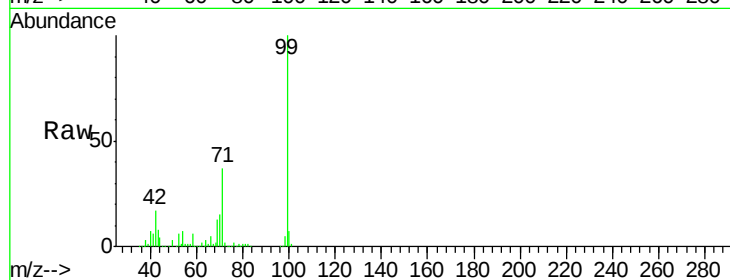
Tot Ion: 99 Resp: 757419

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

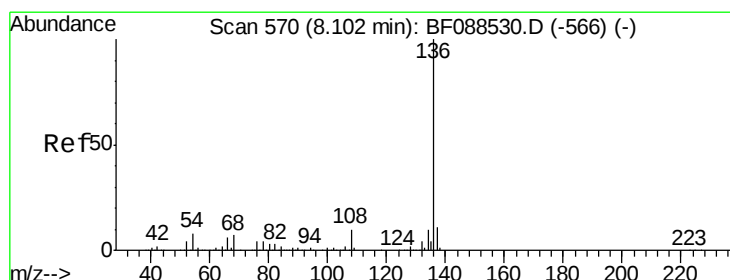
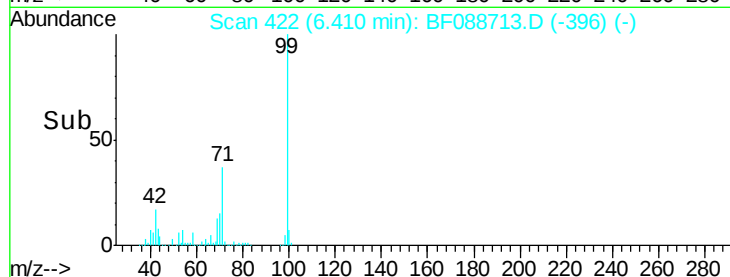
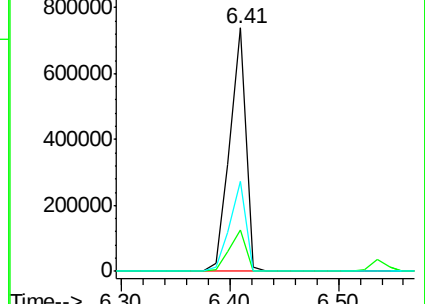
71 36.9 23.4 35.0#



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: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088713.D

Acq: 5 Jul 2016 20:10

Tgt Ion: 136 Resp: 421564

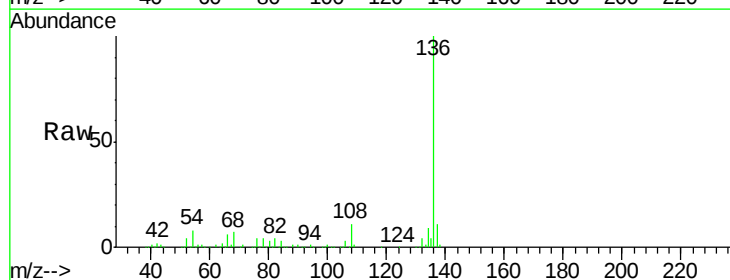
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 6.6 10.0

68 6.6 5.1 7.7

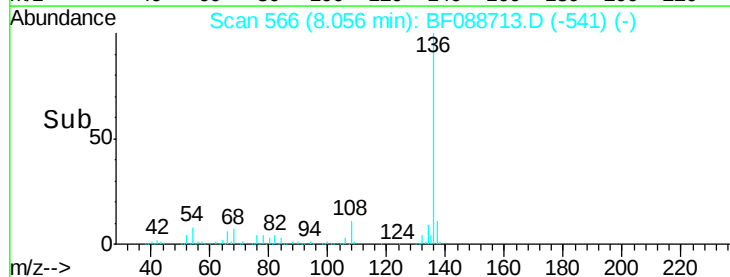
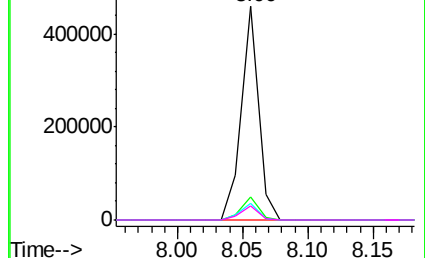


Abundance Ion 136.00 (135.70 to 136.70): E

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

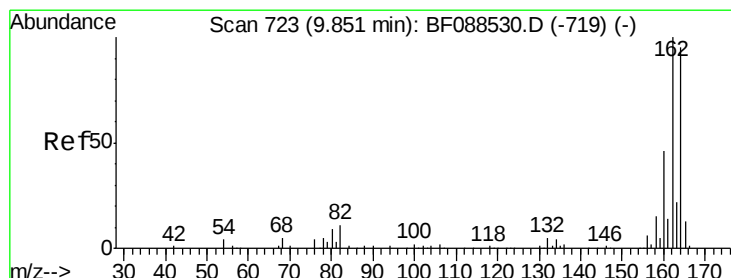
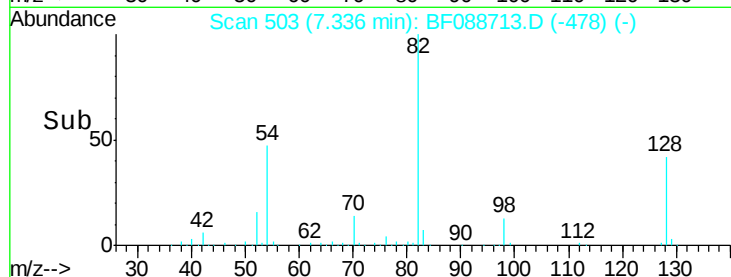
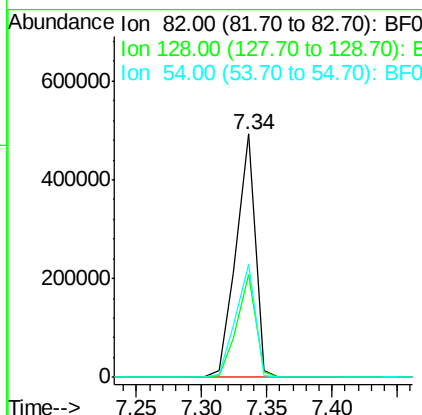
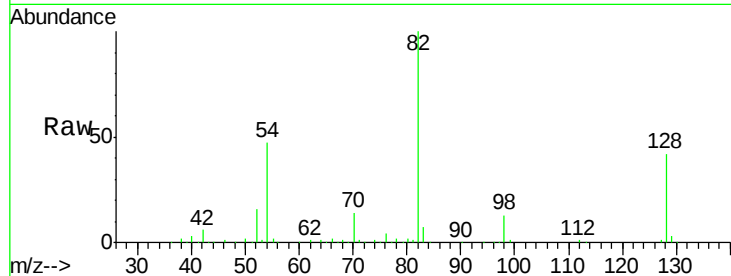




#23
Nitrobenzene-d5
Concen: 62.38 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF088713.D
Acq: 5 Jul 2016 20:10

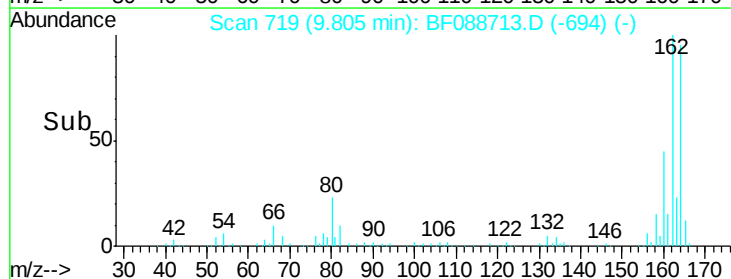
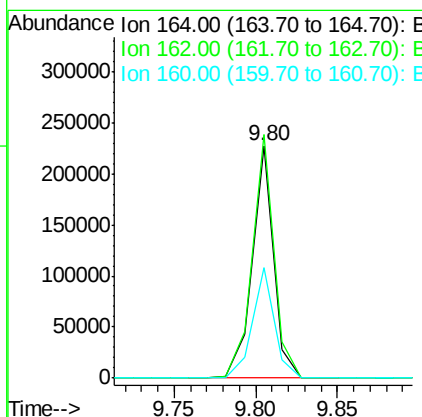
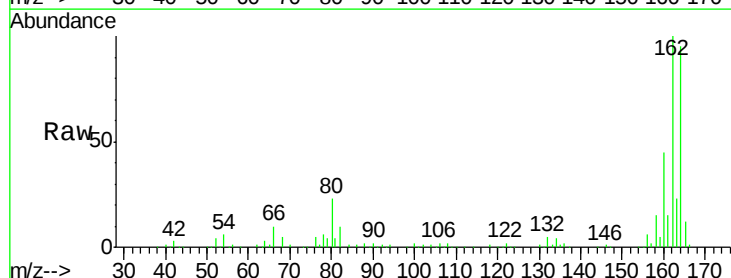
Instrument :
BNA_F
ClientSampleId :
PB91868BL

Tot Ion	82	Resp	501827
Ion Ratio	Lower	Upper	
82	100		
128	42.1	35.9	53.9
54	46.6	40.9	61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088713.D
Acq: 5 Jul 2016 20:10

Tgt Ion	164	Resp	206676
Ion Ratio	Lower	Upper	
164	100		
162	104.8	85.4	128.2
160	47.4	39.5	59.3

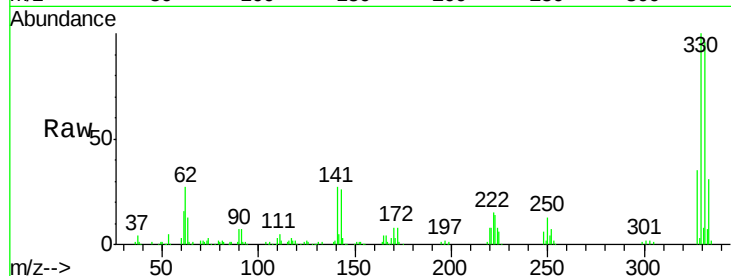




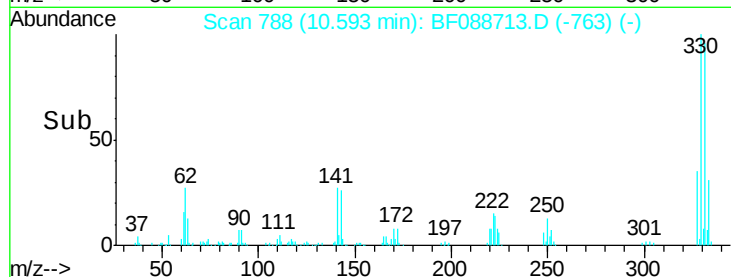
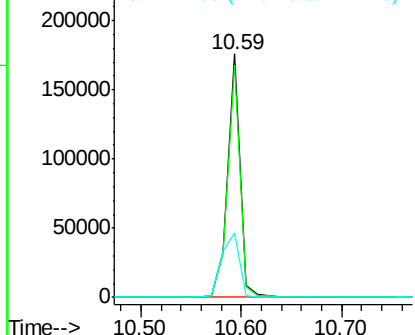
#41
 2,4,6-Tribromophenol
 Concen: 79.47 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	37.8	0.0	0.0#

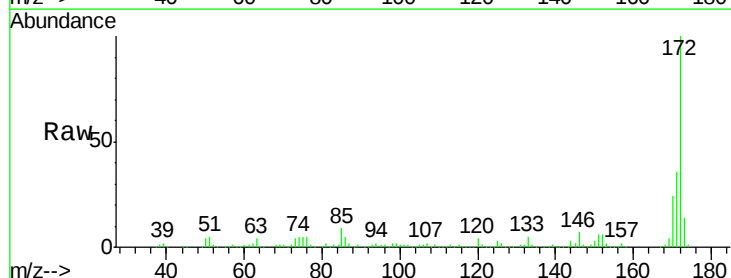


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

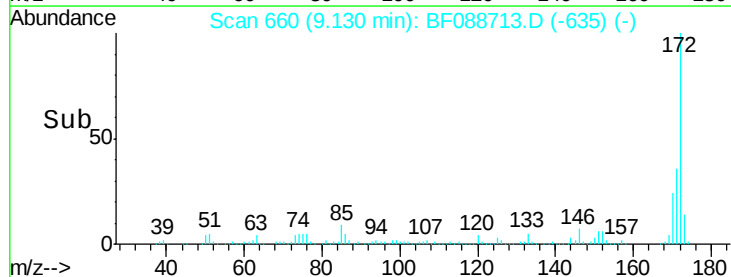
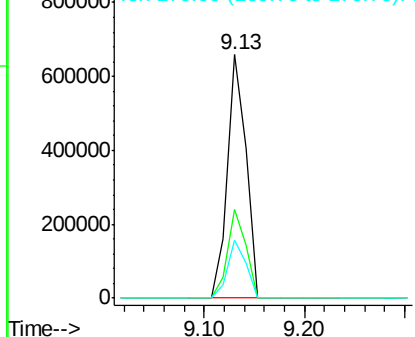


#44
 2-Fluorobiphenyl
 Concen: 64.79 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.0	19.2	28.8



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

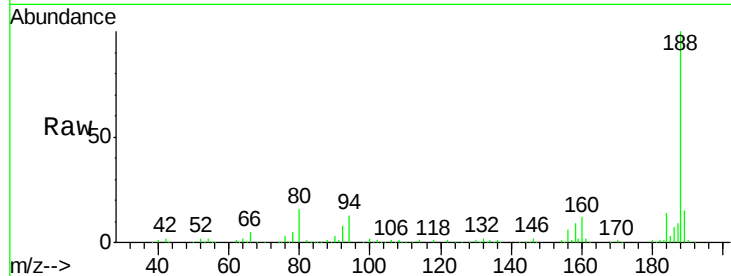




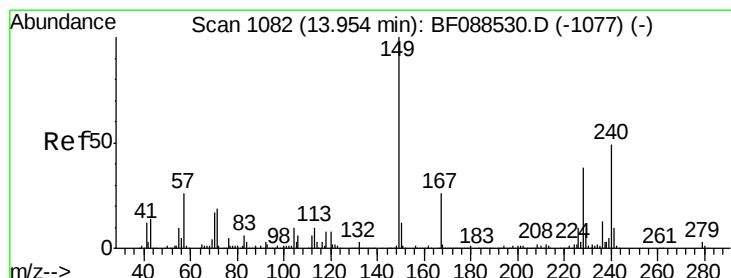
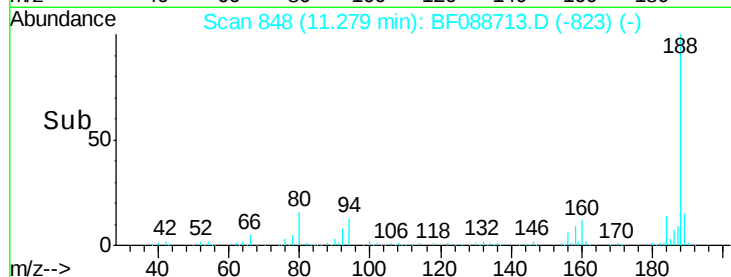
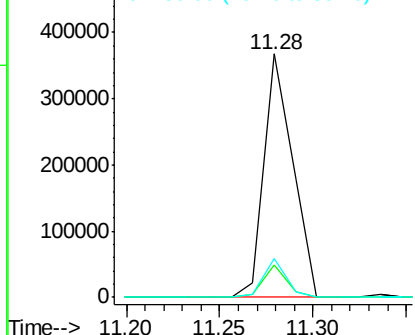
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088713.D
Acq: 5 Jul 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB91868BL

Tot Ion:188 Resp: 390496
Ion Ratio Lower Upper
188 100
94 13.4 9.0 13.6
80 15.7 10.0 15.0#

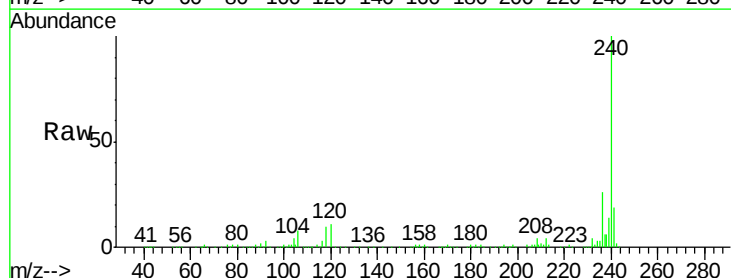


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

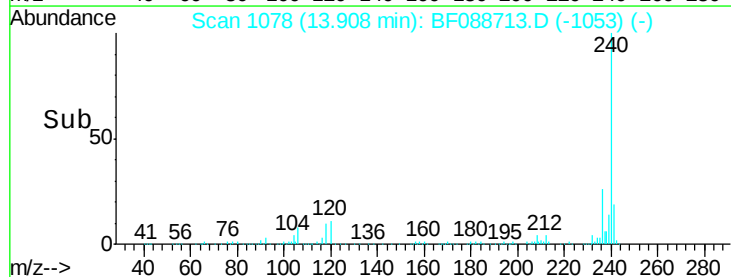
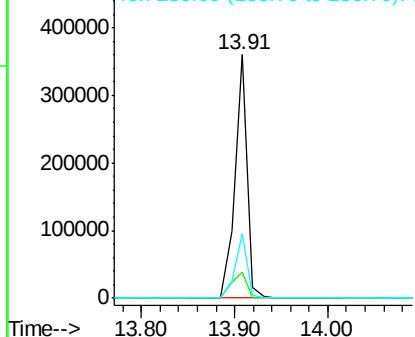


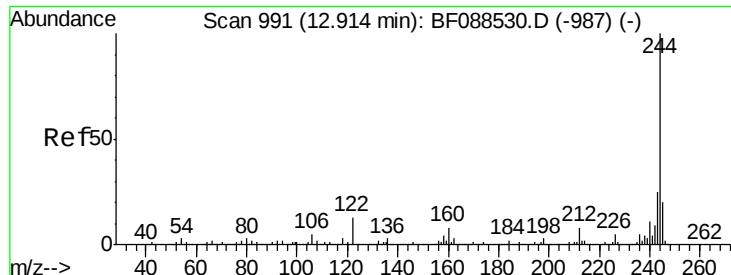
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF088713.D
Acq: 5 Jul 2016 20:10

Tgt Ion:240 Resp: 330312
Ion Ratio Lower Upper
240 100
120 10.8 6.8 10.2#
236 26.4 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

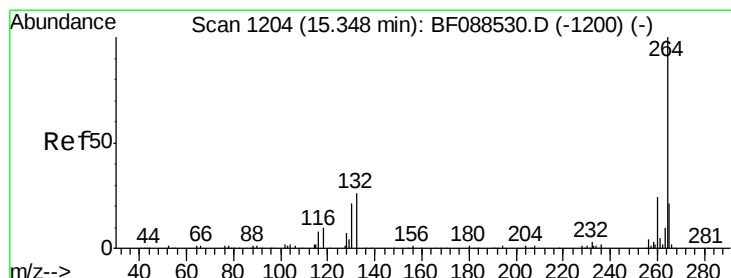
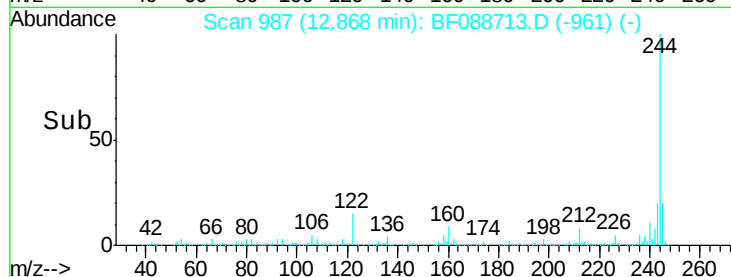
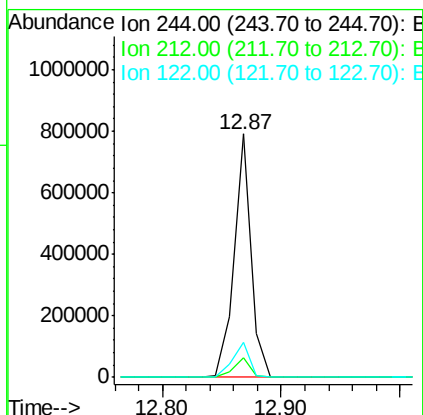
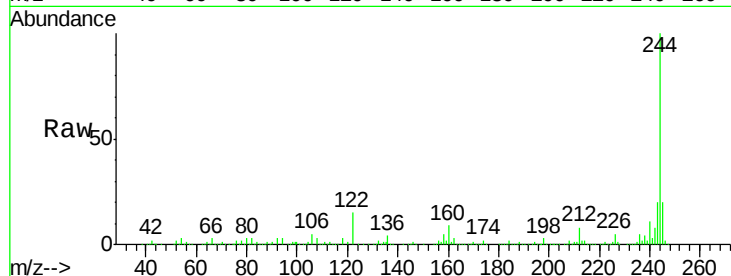




#78
 Terphenyl-d14
 Concen: 52.72 ng
 RT: 12.87 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

Instrument :
 BNA_F
 ClientSampleID :
 PB91868BL

Tot Ion:244 Resp: 781794
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 14.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF088713.D
 Acq: 5 Jul 2016 20:10

Tgt Ion:264 Resp: 218542
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 16.9 25.3

