

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088642.D
 Acq On : 3 Jul 2016 11:41
 Operator : UM/SJ
 Sample : PB91848BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BL

Quant Time: Jul 04 05:35:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102284	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	418841	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	198531	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	382341	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	342937	20.00	ng	-0.03
86) Perylene-d12	15.31	264	327996	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	801220	117.40	ng	-0.02
7) Phenol-d6	6.42	99	986739	111.89	ng	-0.02
23) Nitrobenzene-d5	7.35	82	670275	83.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	237400	128.77	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1129436	89.86	ng	-0.03
78) Terphenyl-d14	12.88	244	1163050	75.54	ng	-0.03

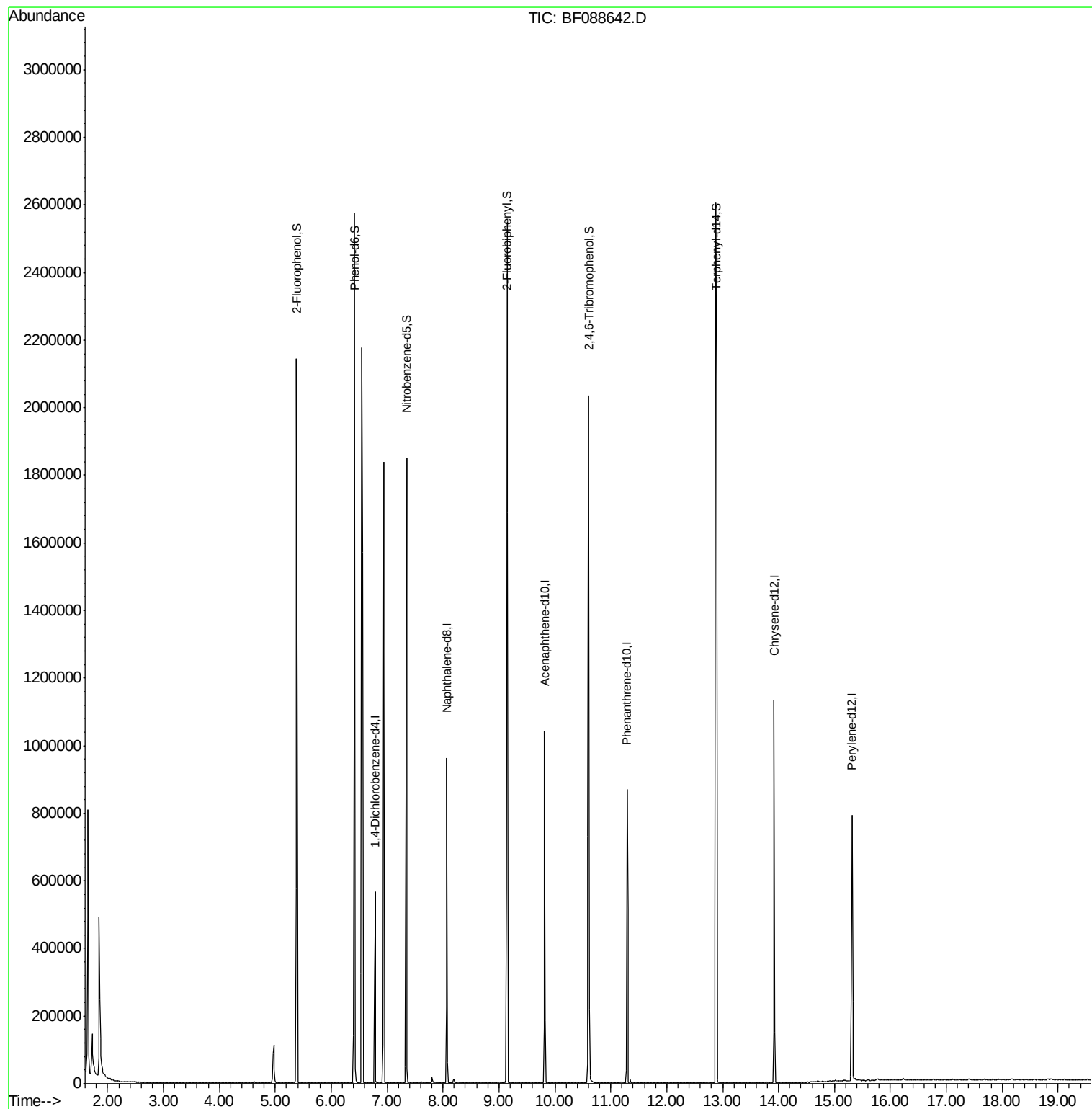
Target Compounds Qvalue

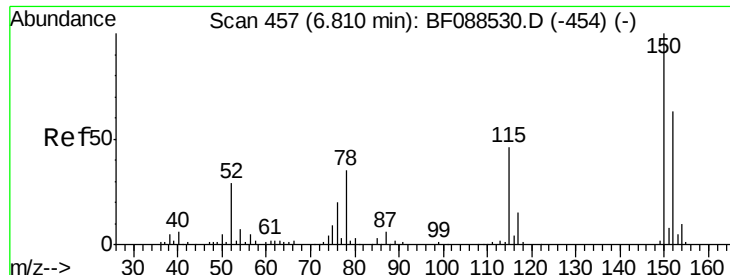
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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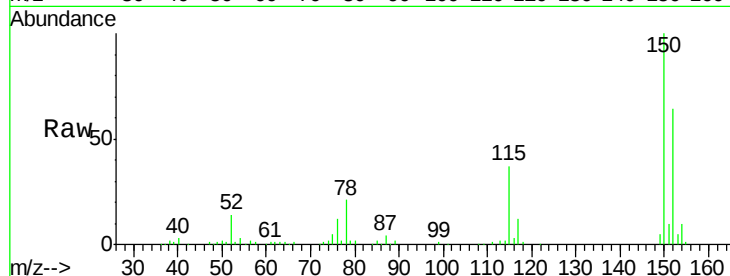


#1

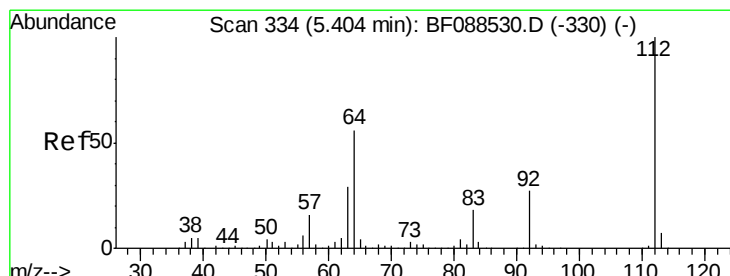
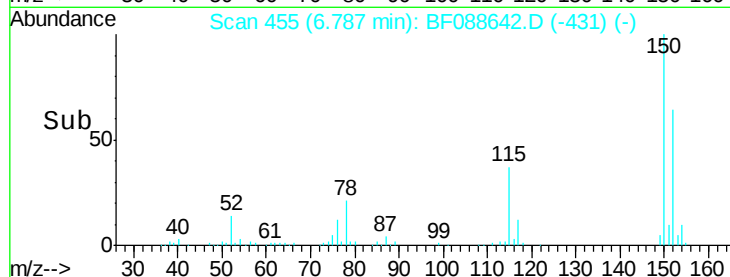
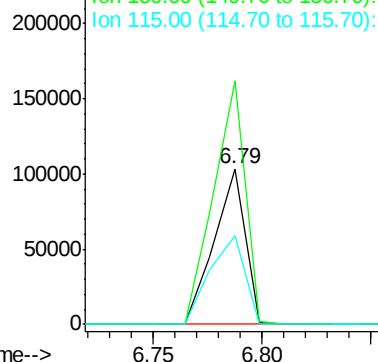
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Instrument :
BNA_F
ClientSampleId :
PB91848BL

Tot Ion:152 Resp: 102284
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 57.2 39.6 59.4



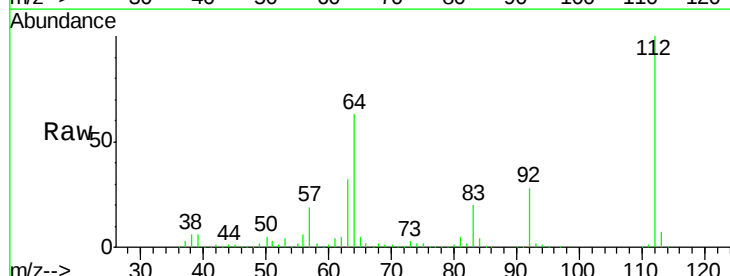
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



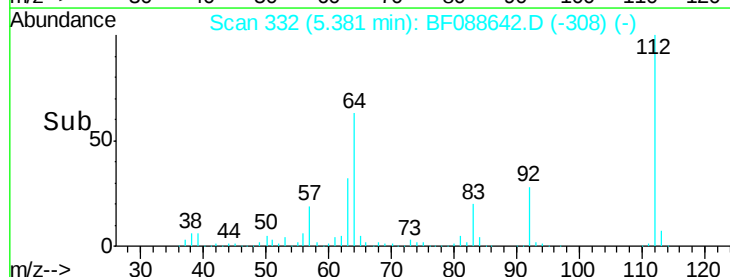
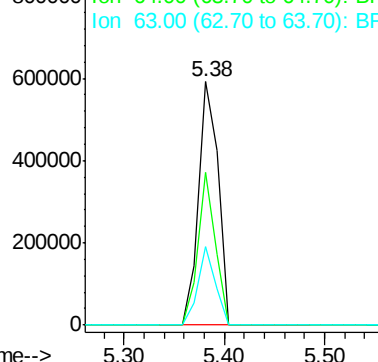
#5

2-Fluorophenol
Concen: 117.40 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Tgt Ion:112 Resp: 801220
Ion Ratio Lower Upper
112 100
64 62.5 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: 111.89 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088642.D

Acq: 3 Jul 2016 11:41

Instrument :

BNA_F

ClientSampleId :

PB91848BL

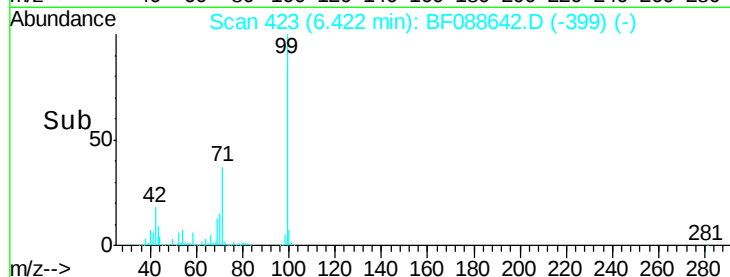
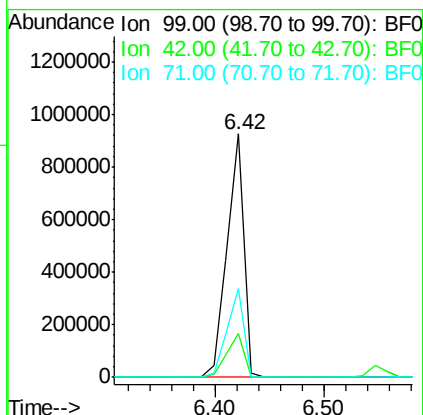
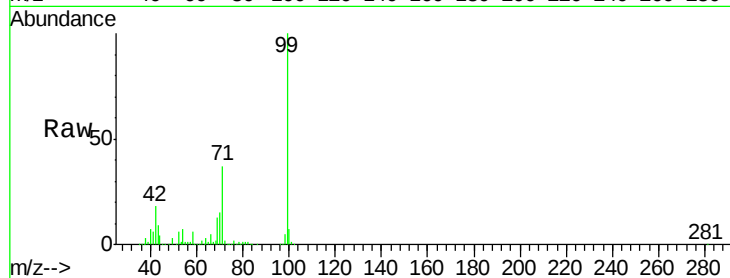
Tot Ion: 99 Resp: 986739

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 36.6 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088642.D

Acq: 3 Jul 2016 11:41

Tgt Ion: 136 Resp: 418841

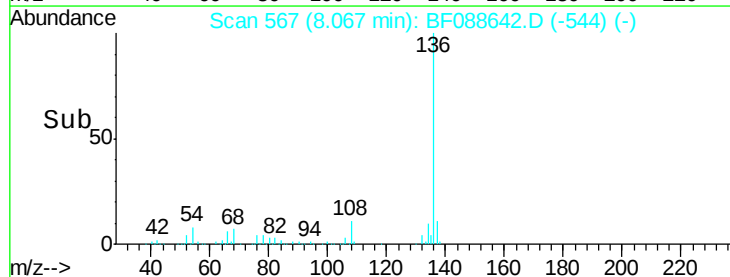
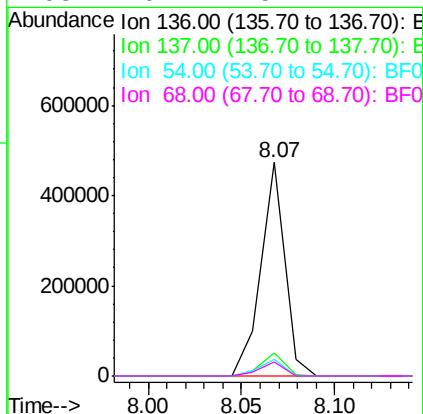
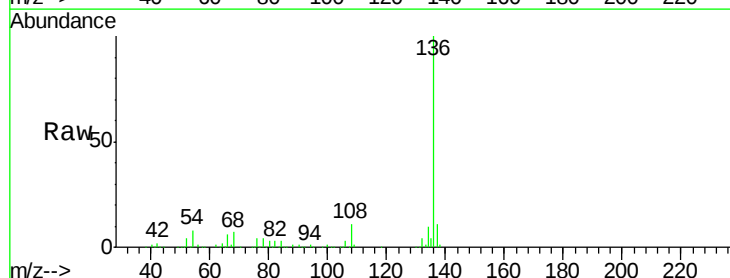
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.8 6.6 10.0

68 6.7 5.1 7.7

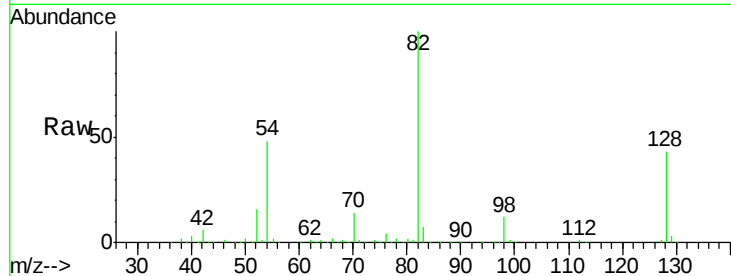




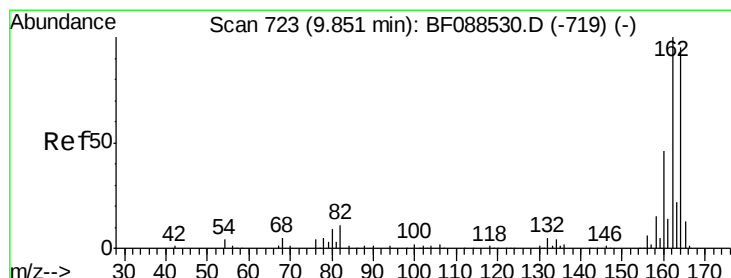
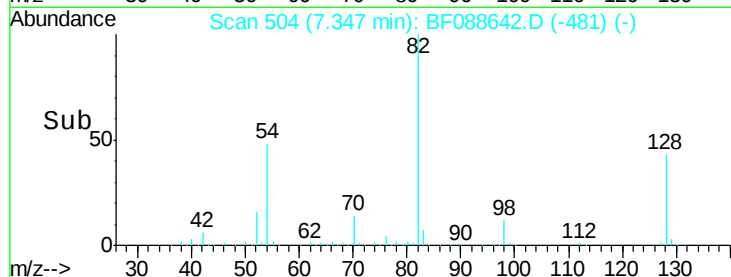
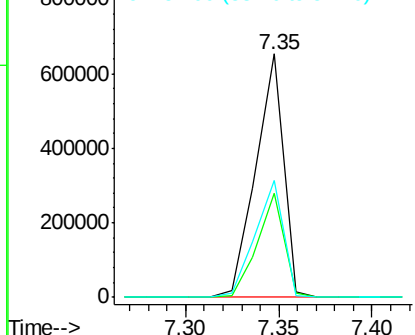
#23
 Nitrobenzene-d5
 Concen: 83.86 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BL

Tot Ion: 82 Resp: 670275
 Ion Ratio Lower Upper
 82 100
 128 42.8 35.9 53.9
 54 48.0 40.9 61.3

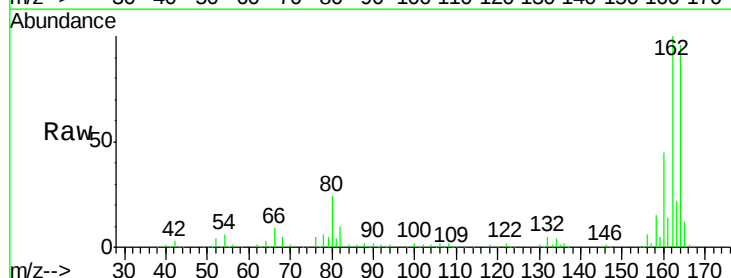


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

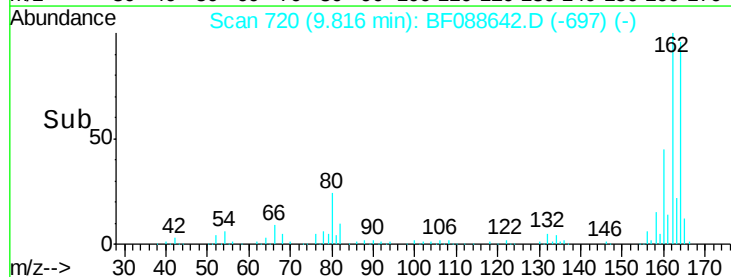
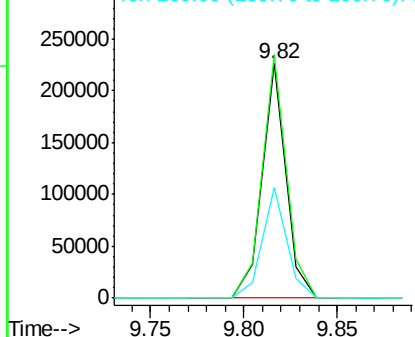


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

Tgt Ion:164 Resp: 198531
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.4 128.2
 160 47.0 39.5 59.3



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

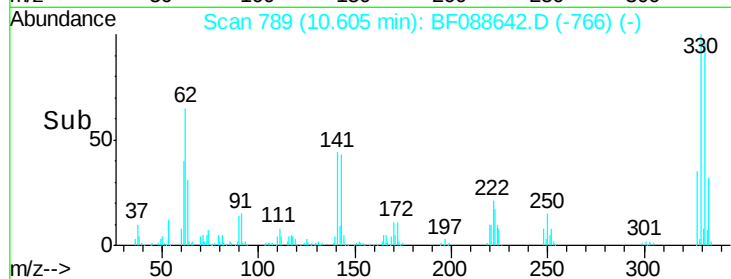
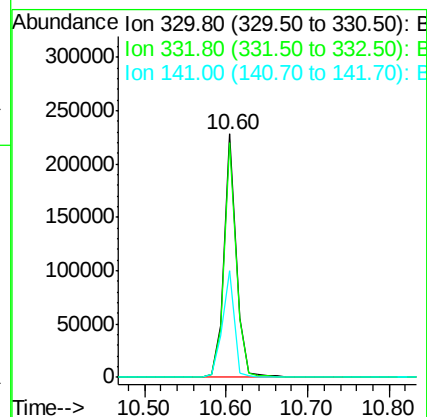
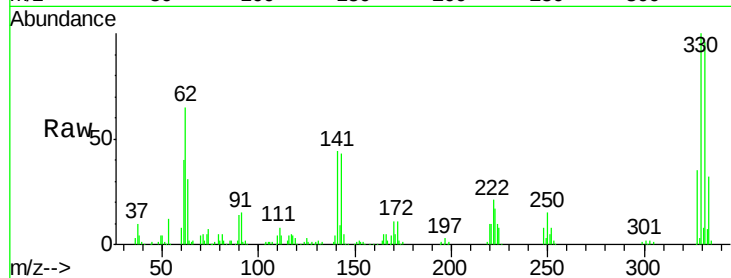




#41
 2,4,6-Tribromophenol
 Concen: 128.77 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

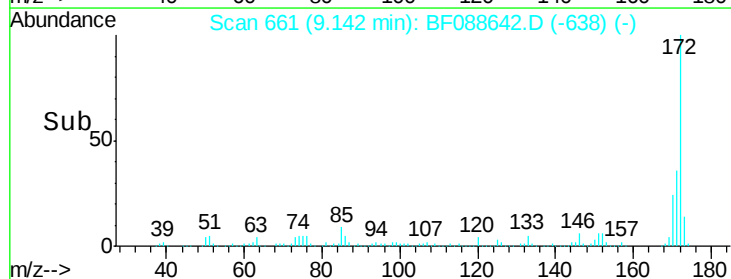
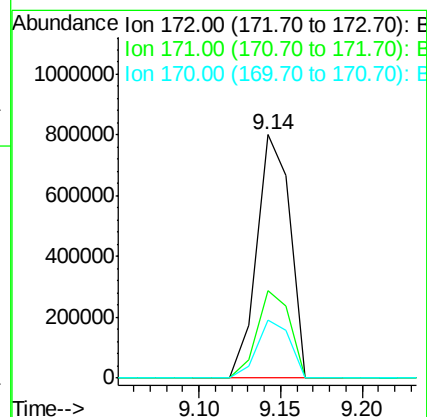
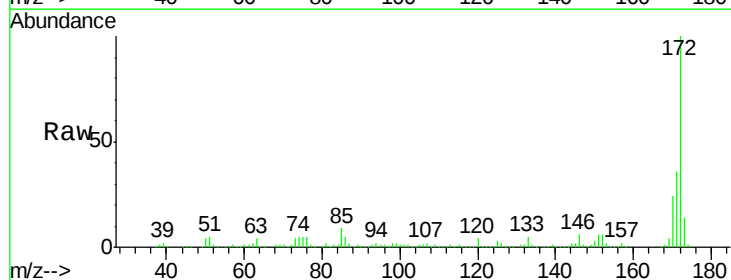
Instrument :
 BNA_F
 ClientSampleId :
 PB91848BL

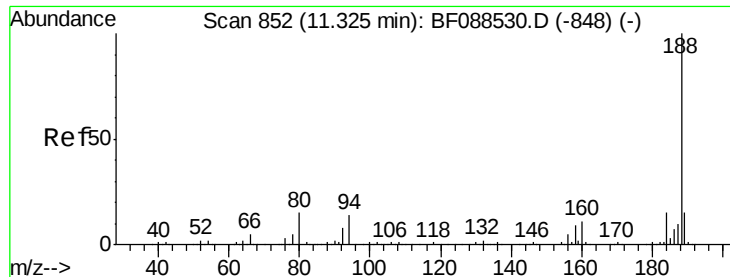
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	43.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.86 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	19.2	28.8

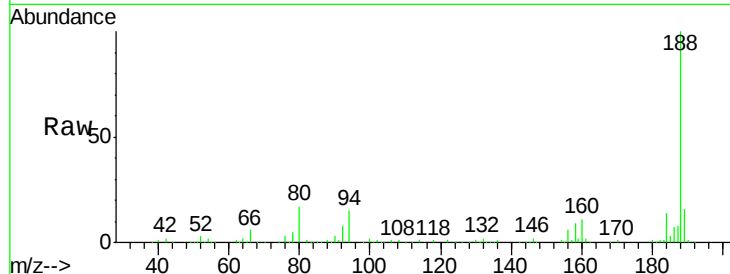




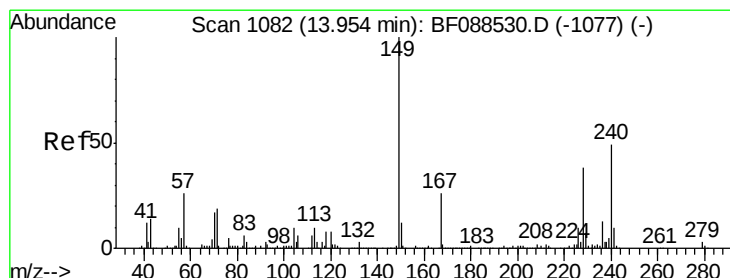
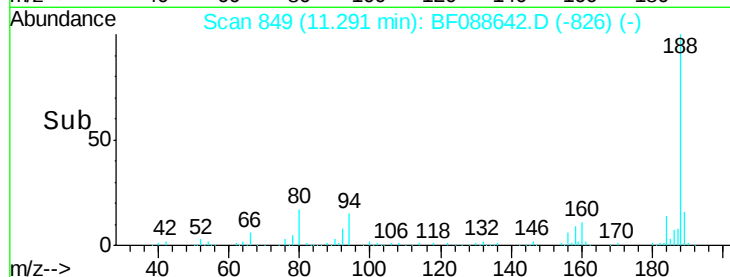
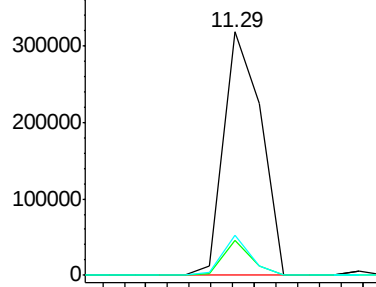
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Instrument :
BNA_F
ClientSampleId :
PB91848BL

Tot Ion:188 Resp: 382341
Ion Ratio Lower Upper
188 100
94 14.6 9.0 13.6#
80 16.7 10.0 15.0#

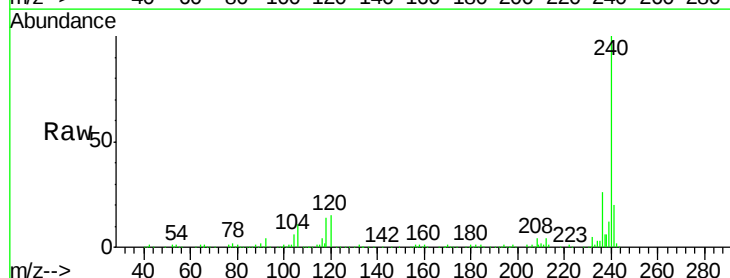


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

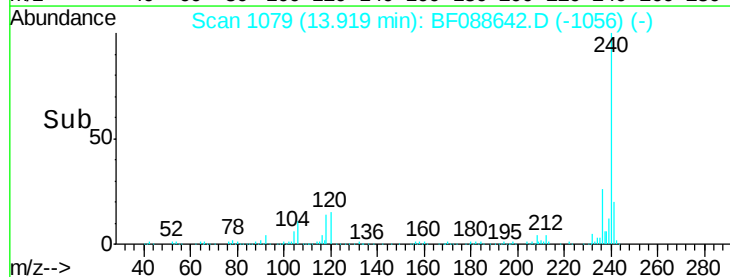
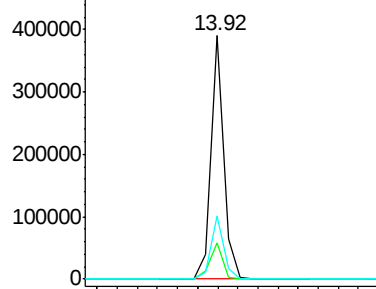


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088642.D
Acq: 3 Jul 2016 11:41

Tgt Ion:240 Resp: 342937
Ion Ratio Lower Upper
240 100
120 14.8 6.8 10.2#
236 25.7 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

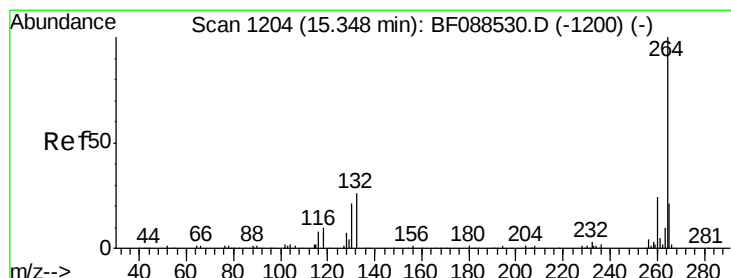
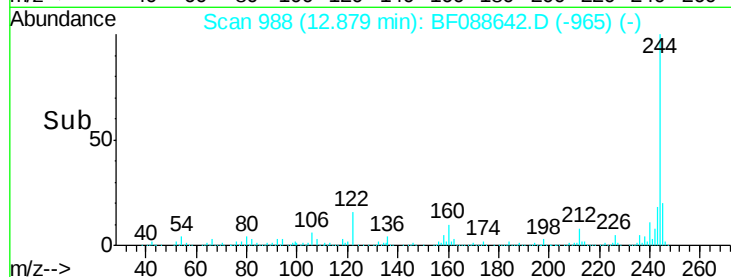
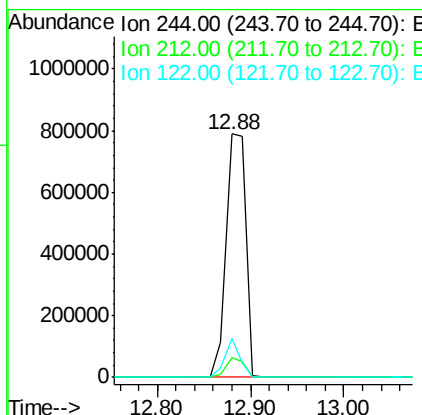
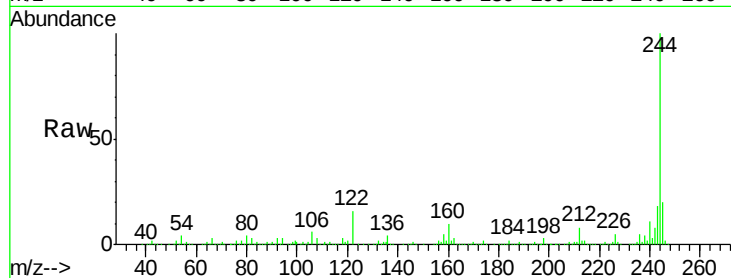




#78
 Terphenyl-d14
 Concen: 75.54 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BL

Tot Ion:244 Resp: 1163050
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 16.0 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088642.D
 Acq: 3 Jul 2016 11:41

Tgt Ion:264 Resp: 327996
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.7 16.9 25.3

