

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088823.D
 Acq On : 8 Jul 2016 14:02
 Operator : UM/SJ
 Sample : PB91874TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91874TB

Quant Time: Jul 08 19:23:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	74697	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	283940	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	139737	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	266057	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	243731	20.00	ng	-0.01
86) Perylene-d12	15.23	264	190317	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	457505	91.79	ng	0.00
7) Phenol-d6	6.36	99	628298	97.56	ng	-0.01
23) Nitrobenzene-d5	7.29	82	365907	67.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	151196	116.52	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	774502	87.55	ng	0.00
78) Terphenyl-d14	12.82	244	653740	59.74	ng	0.00

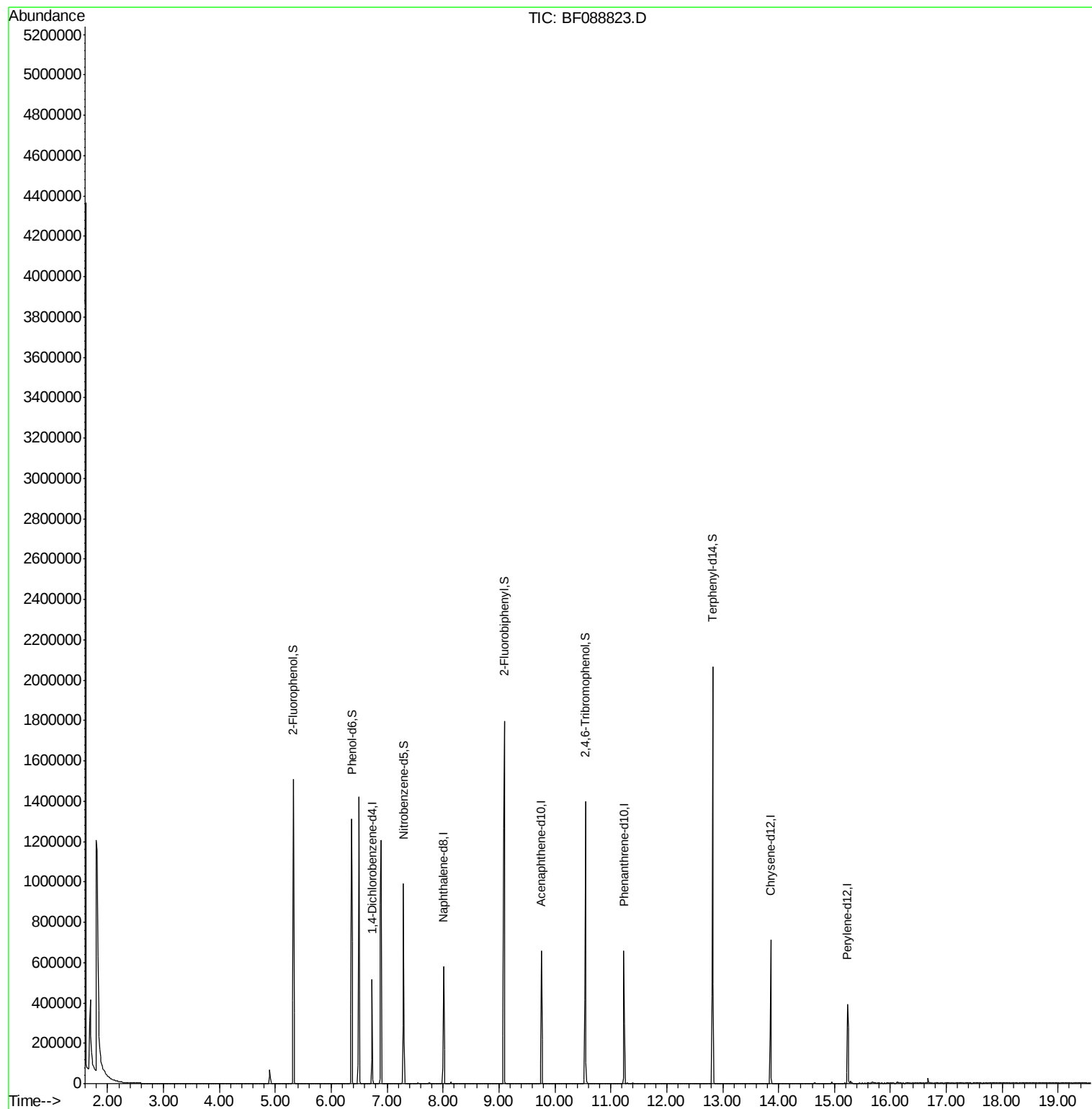
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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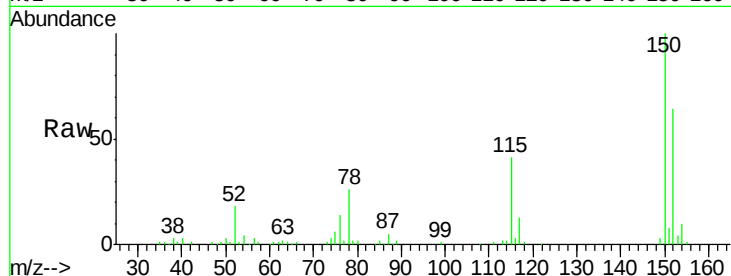




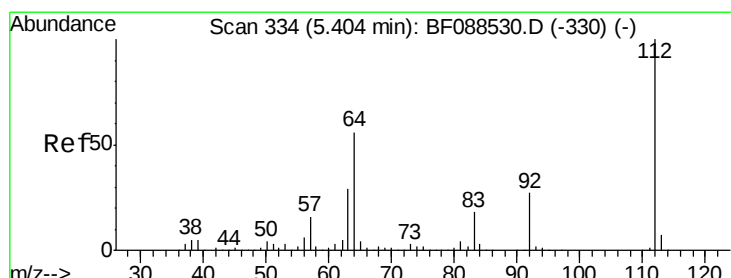
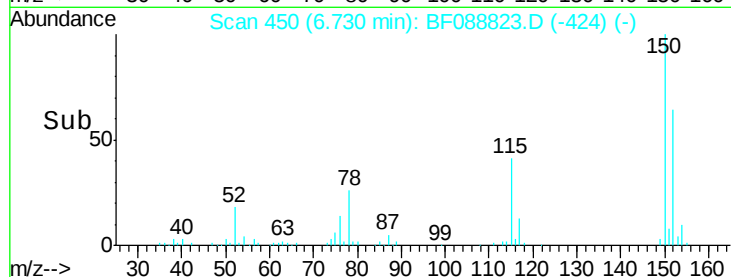
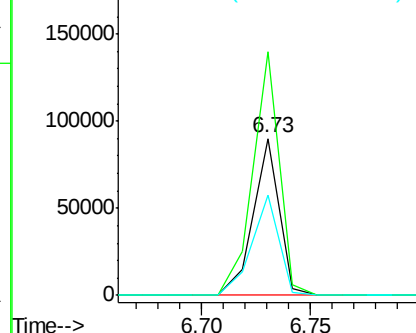
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91874TB

Tgt Ion:152 Resp: 74697
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.8 185.6
 115 64.0 39.6 59.4#

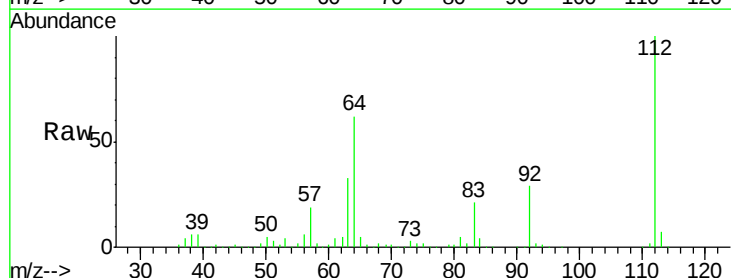


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

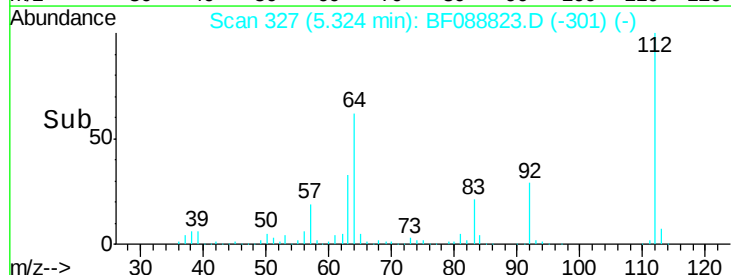
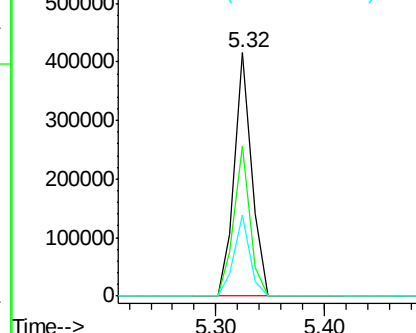


#5
 2-Fluorophenol
 Concen: 91.79 ng
 RT: 5.32 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Tgt Ion:112 Resp: 457505
 Ion Ratio Lower Upper
 112 100
 64 61.6 42.2 63.2
 63 33.1 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: 97.56 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

Instrument :

BNA_F

ClientSampleId :

PB91874TB

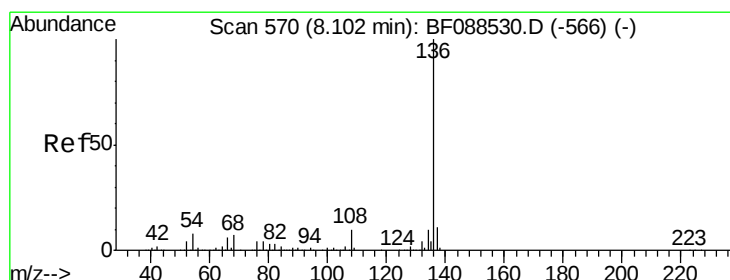
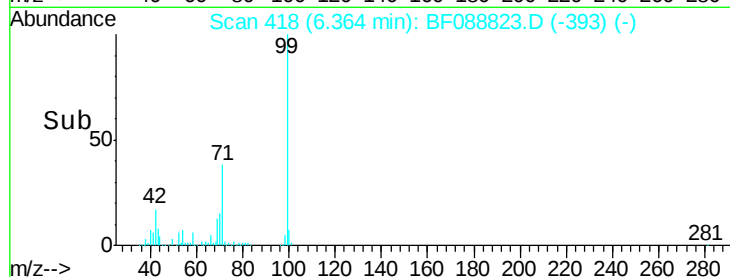
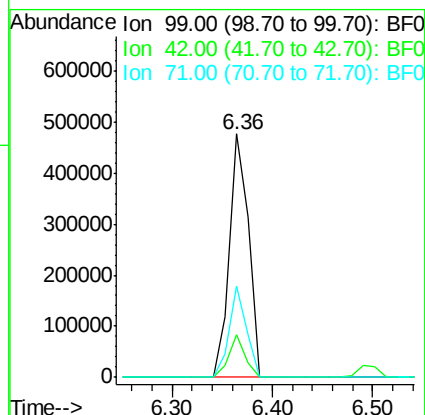
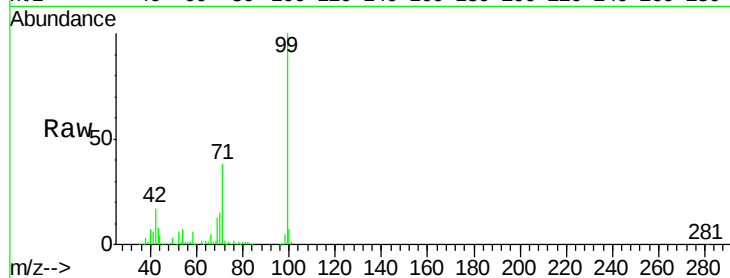
Tgt Ion: 99 Resp: 628298

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

71 37.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088823.D

Acq: 8 Jul 2016 14:02

Tgt Ion: 136 Resp: 283940

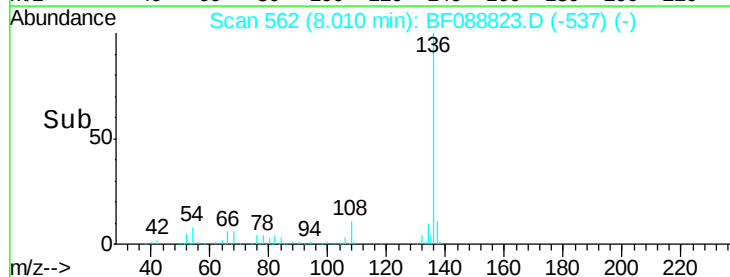
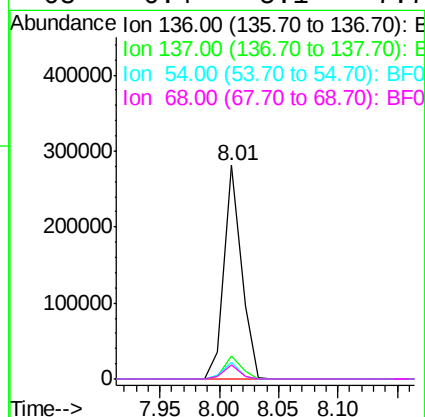
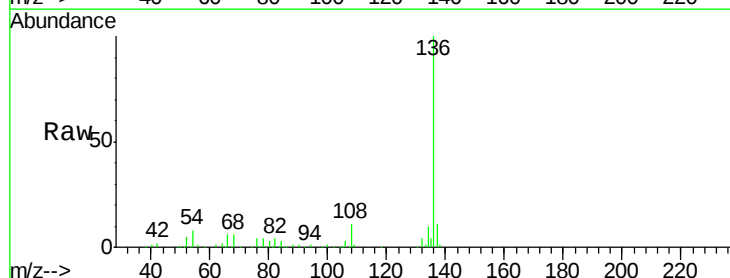
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.0 6.6 10.0

68 6.4 5.1 7.7

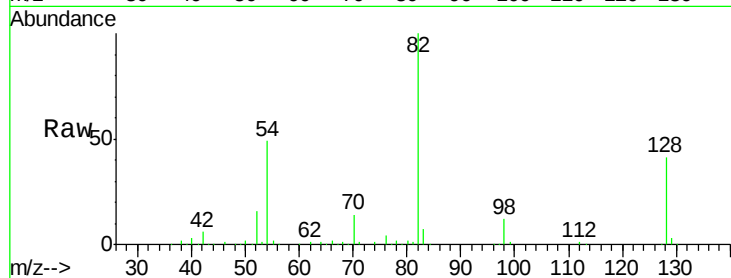




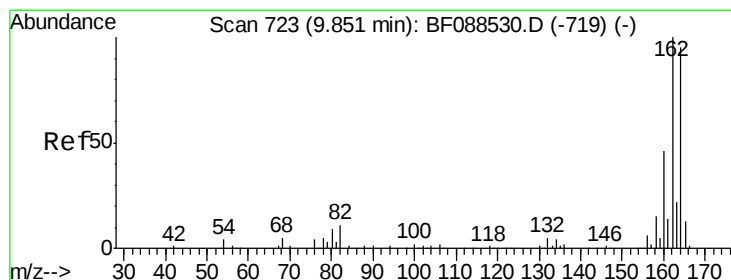
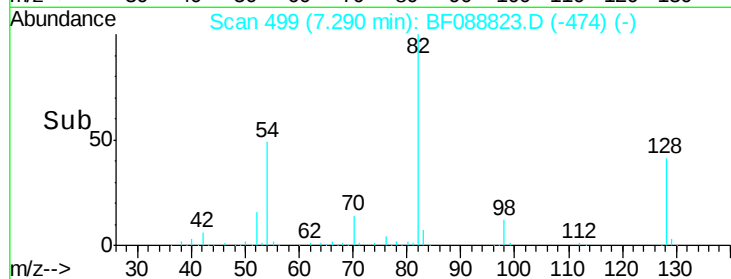
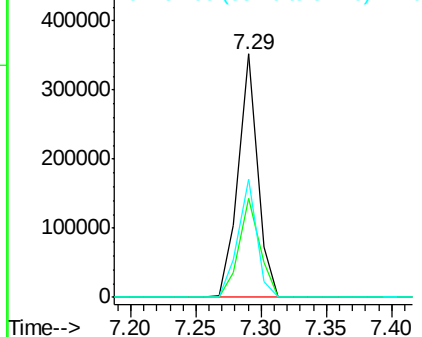
#23
 Nitrobenzene-d5
 Concen: 67.53 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91874TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.9	53.9
54	48.6	40.9	61.3

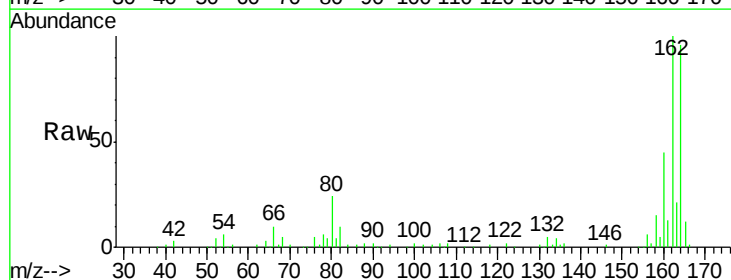


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

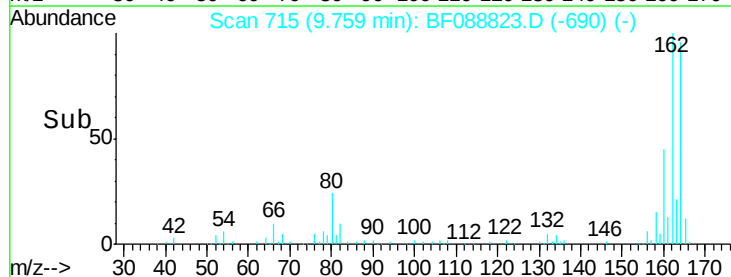
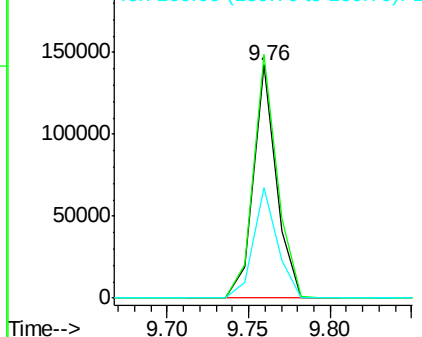


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.2
160	47.5	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

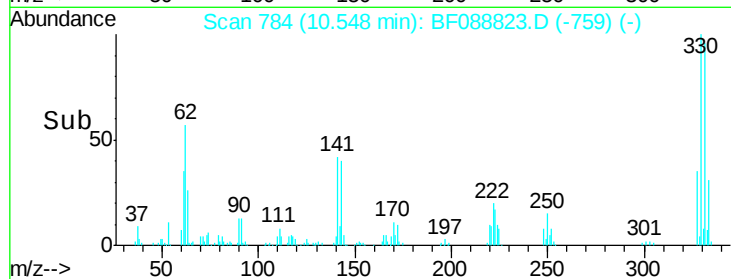
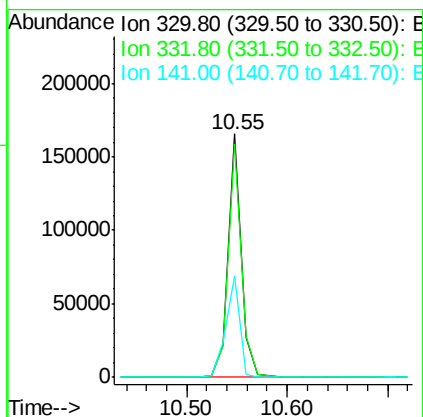
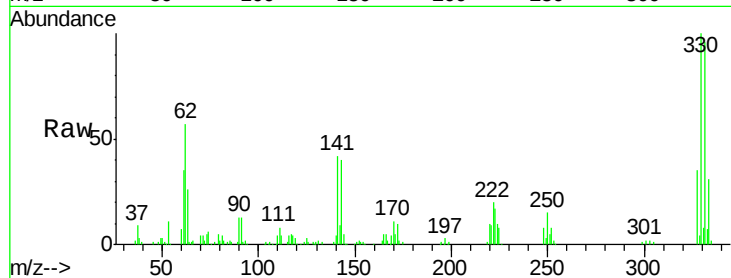




#41
 2,4,6-Tribromophenol
 Concen: 116.52 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

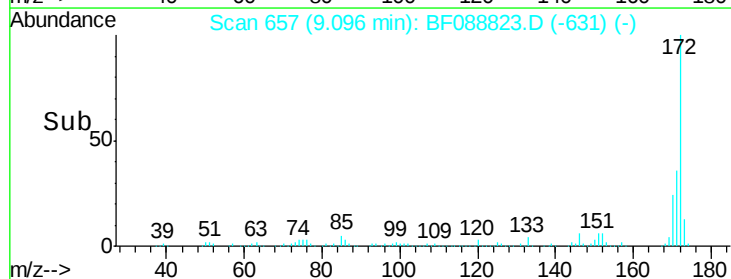
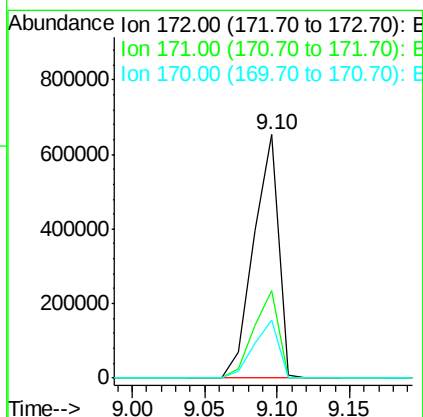
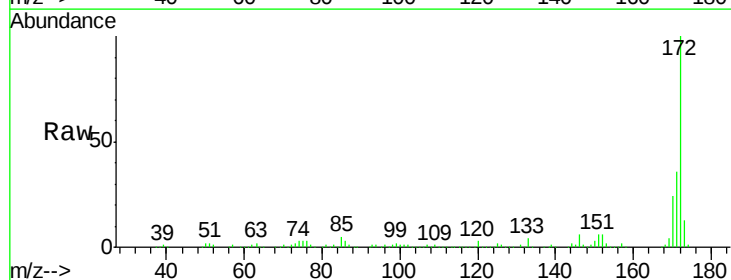
Instrument :
 BNA_F
 ClientSampleId :
 PB91874TB

Tgt Ion:330 Resp: 151196
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 43.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.55 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Tgt Ion:172 Resp: 774502
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.9 19.2 28.8

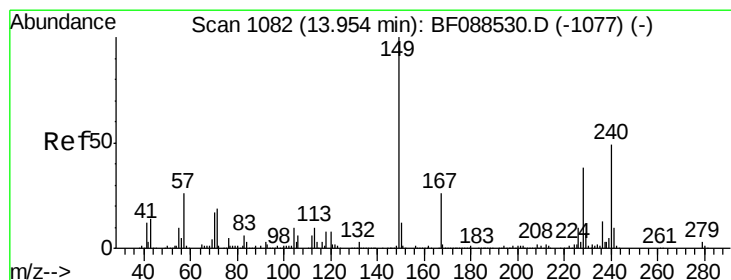
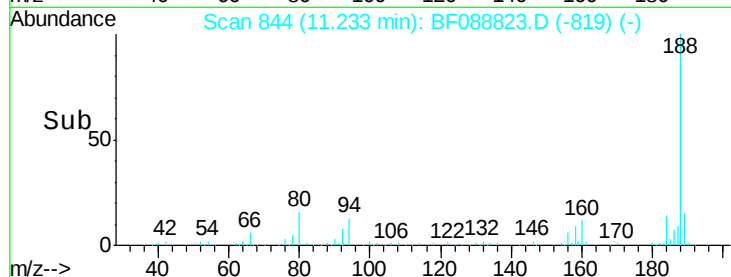
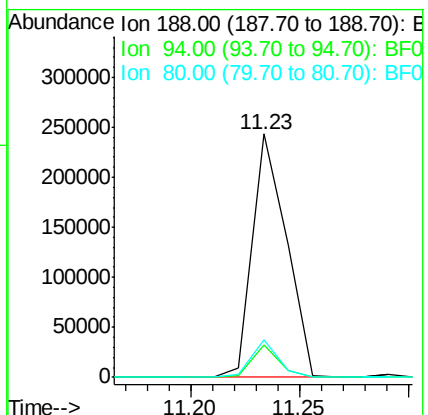
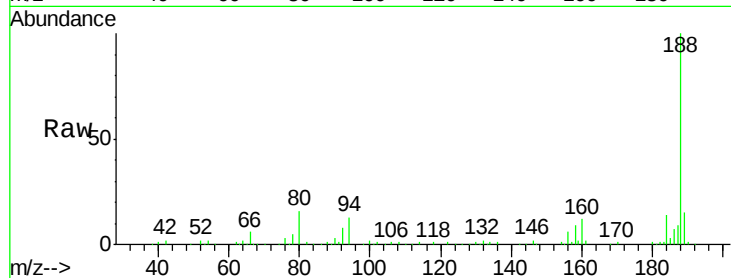




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088823.D
Acq: 8 Jul 2016 14:02

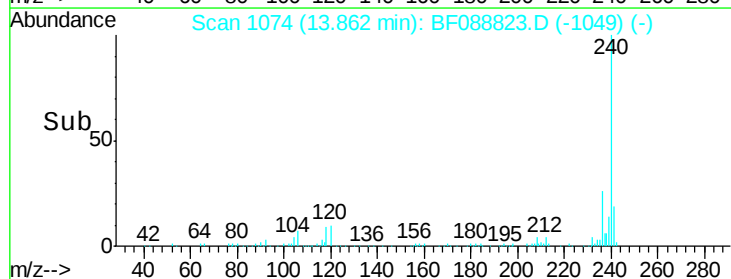
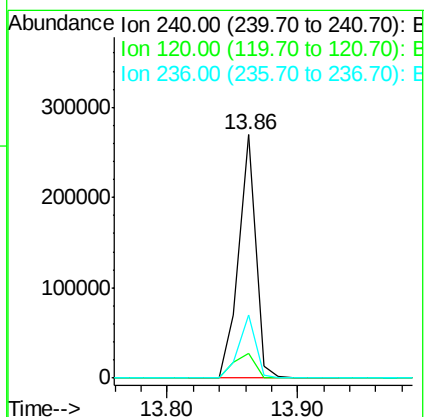
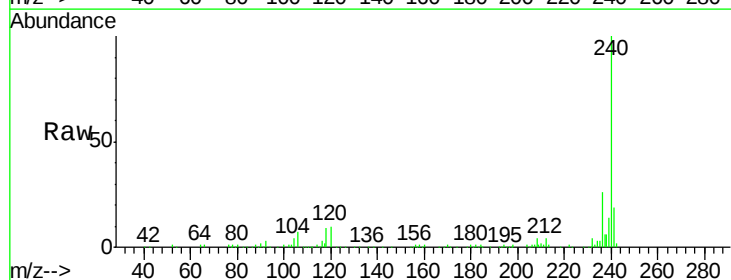
Instrument :
BNA_F
ClientSampleId :
PB91874TB

Tgt Ion:188 Resp: 266057
Ion Ratio Lower Upper
188 100
94 13.4 9.0 13.6
80 15.6 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088823.D
Acq: 8 Jul 2016 14:02

Tgt Ion:240 Resp: 243731
Ion Ratio Lower Upper
240 100
120 10.2 6.8 10.2
236 25.7 20.2 30.2

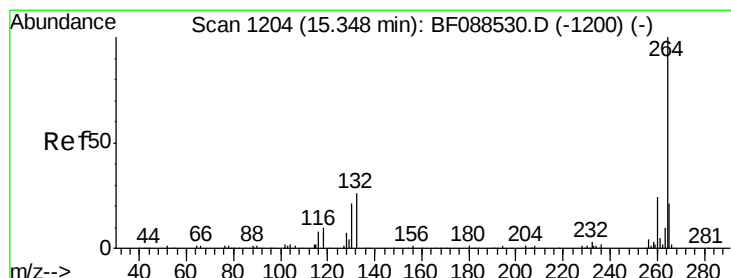
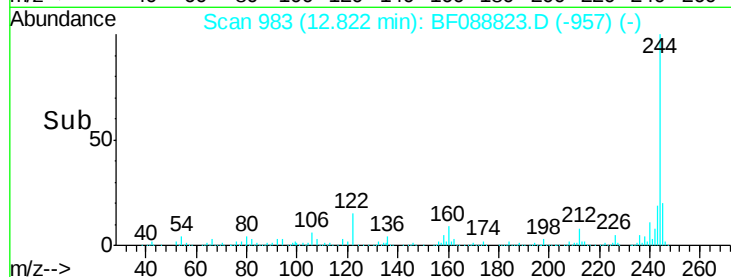
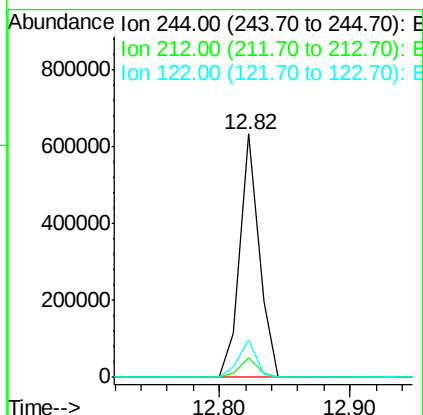
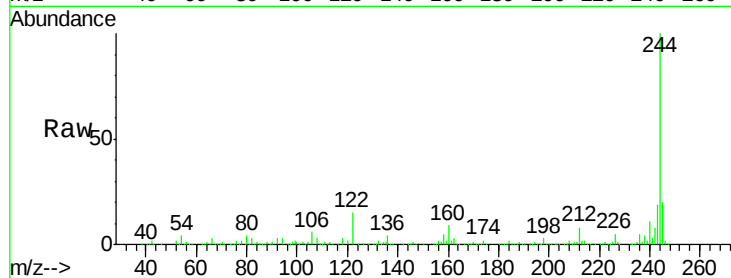




#78
 Terphenyl-d14
 Concen: 59.74 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91874TB

Tgt Ion:244 Resp: 653740
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088823.D
 Acq: 8 Jul 2016 14:02

Tgt Ion:264 Resp: 190317
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 16.9 25.3

