

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087230.D
 Acq On : 20 May 2016 17:59
 Operator : UM/SJ
 Sample : PB90703BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BL

Quant Time: May 21 00:23:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	405273	20.00	ng	0.15
21) Naphthalene-d8	7.87	136	637	20.00	ng	0.02
38) Acenaphthene-d10	9.60	164	288	20.00	ng	0.01
63) Phenanthrene-d10	11.08	188	1052	20.00	ng	0.01
75) Chrysene-d12	13.71	240	283	20.00	ng	0.01
86) Perylene-d12	0.00	264	0	0.00	ng	-15.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	956847	39.68	ng	0.02
7) Phenol-d6	6.23	99	1340531	41.45	ng	0.00
23) Nitrobenzene-d5	7.13	82	787303	61597.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	330365	103805.50	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1531223	88053.79	ng	0.00
78) Terphenyl-d14	12.65	244	1355221	108326.45	ng	0.00

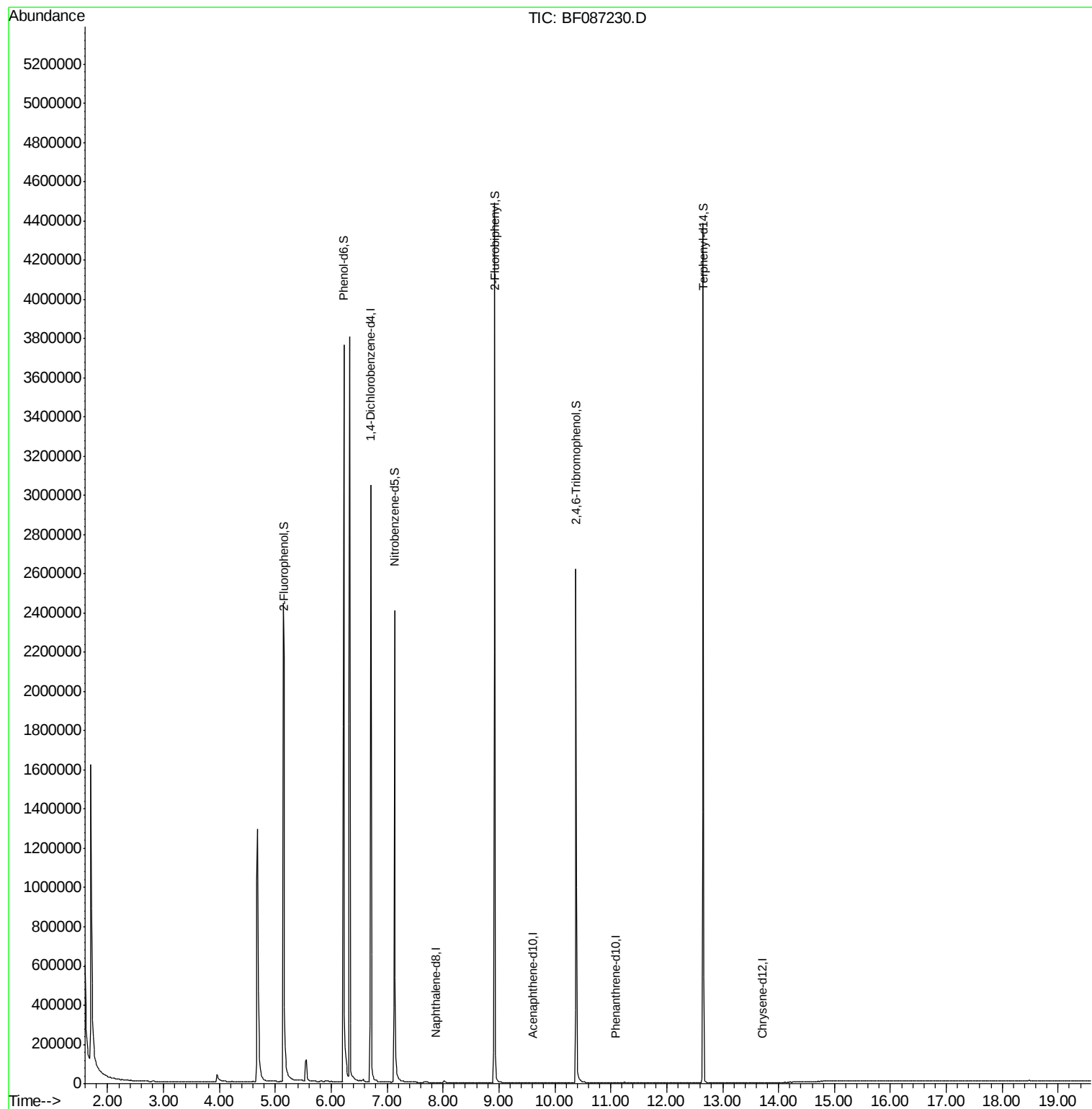
Target Compounds Qvalue

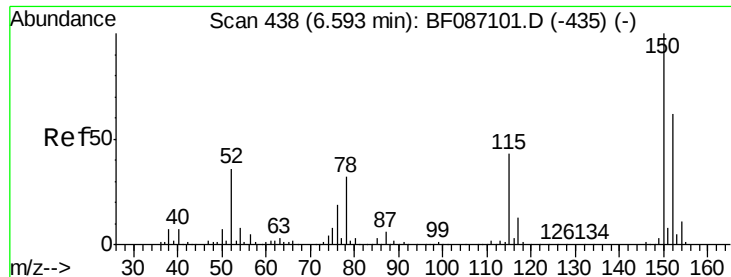
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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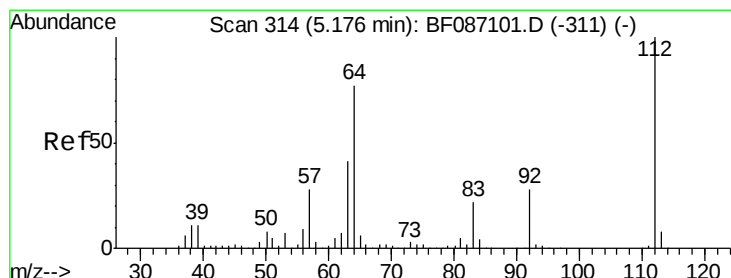
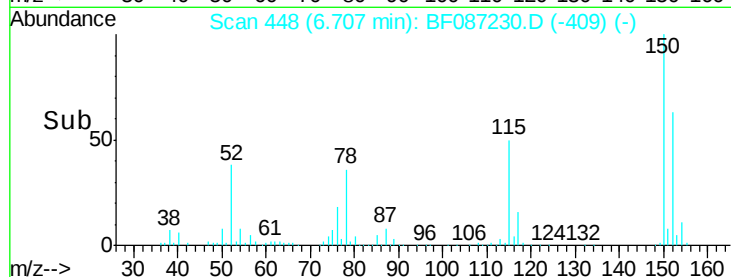
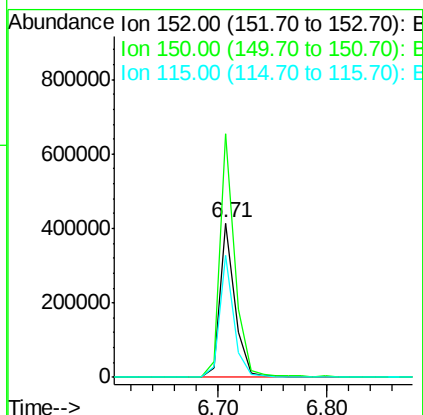
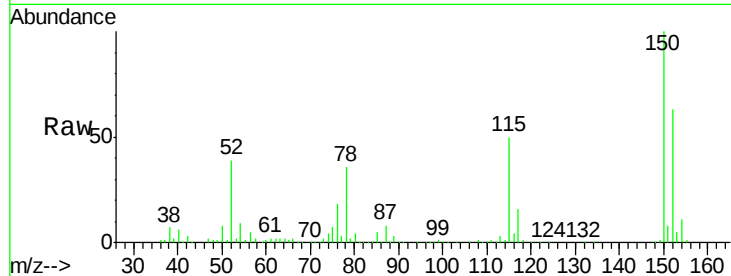


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.15 min
Lab File: BF087230.D
Acq: 20 May 2016 17:59

Instrument :
BNA_F
ClientSampleId :
PB90703BL

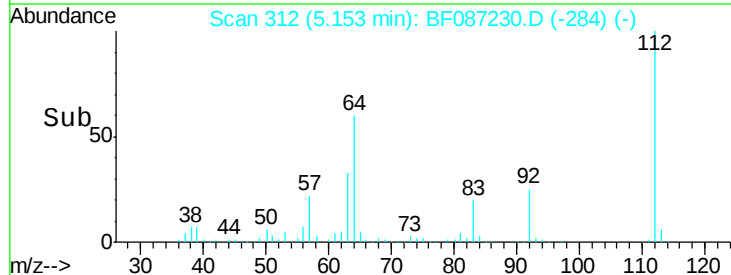
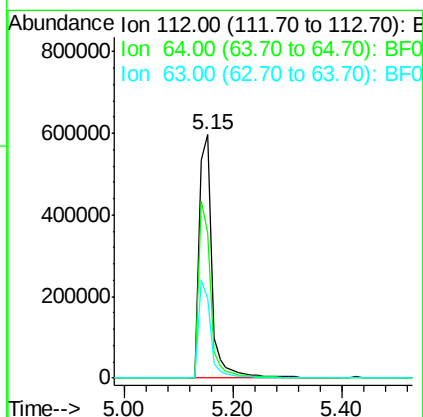
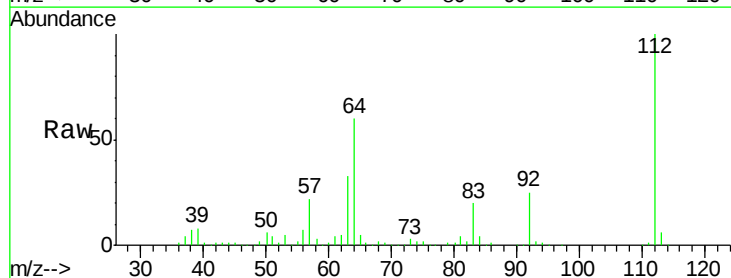
Tot Ion:152 Resp: 405273
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 79.5 51.5 77.3#



#5

2-Fluorophenol
Concen: 39.68 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.02 min
Lab File: BF087230.D
Acq: 20 May 2016 17:59

Tgt Ion:112 Resp: 956847
Ion Ratio Lower Upper
112 100
64 59.7 52.1 78.1
63 33.0 25.7 38.5





#7

Phenol-d6

Concen: 41.45 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087230.D

Acq: 20 May 2016 17:59

Instrument :

BNA_F

ClientSampleId :

PB90703BL

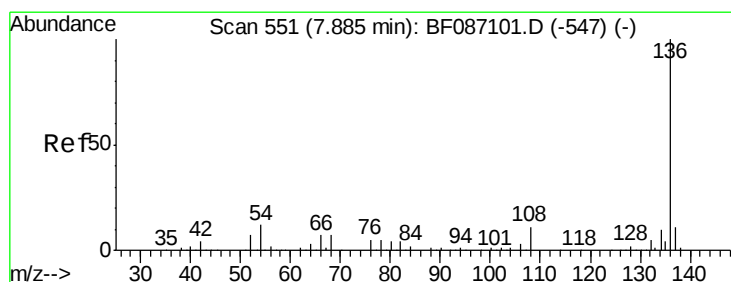
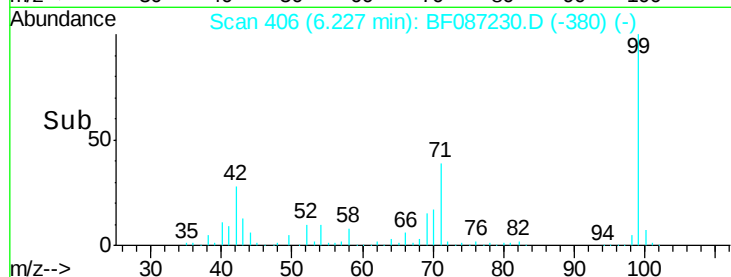
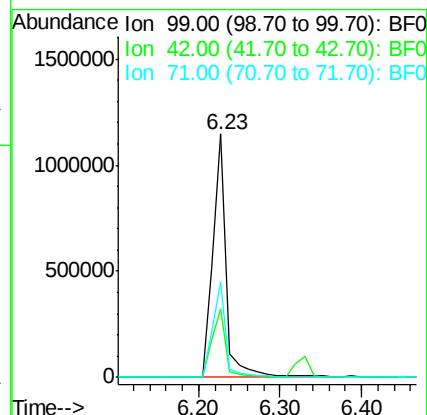
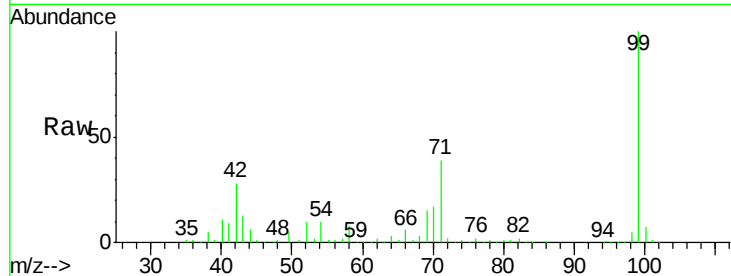
Tot Ion: 99 Resp: 1340531

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

71 39.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF087230.D

Acq: 20 May 2016 17:59

Tgt Ion: 136 Resp: 637

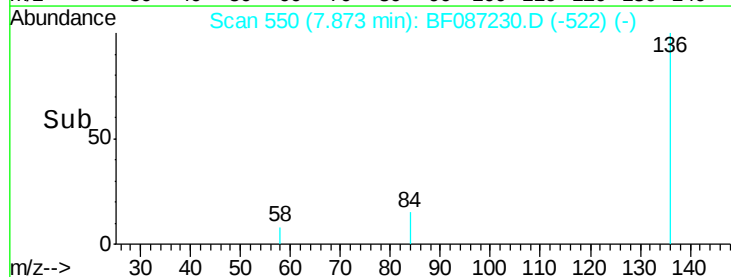
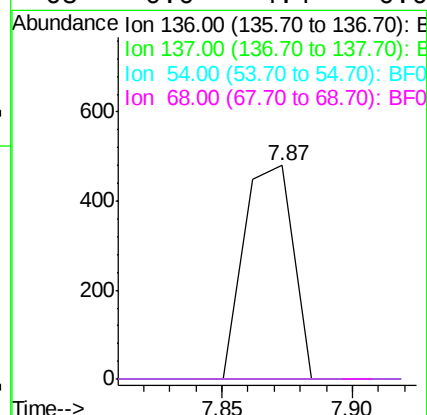
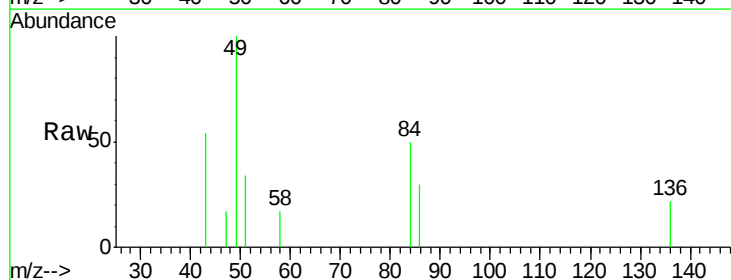
Ion Ratio Lower Upper

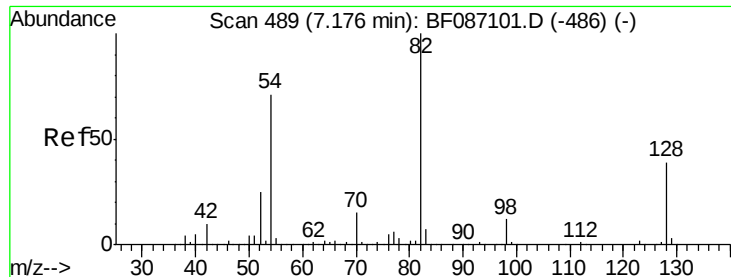
136 100

137 0.0 8.8 13.2#

54 0.0 5.0 7.4#

68 0.0 4.4 6.6#

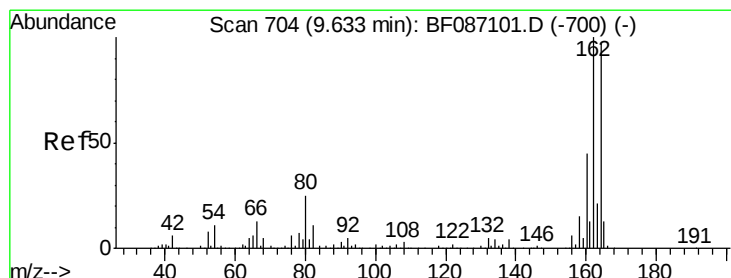
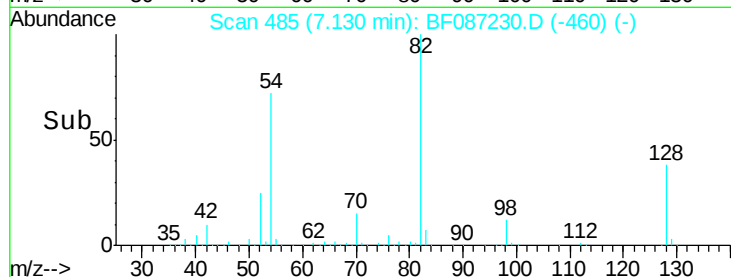
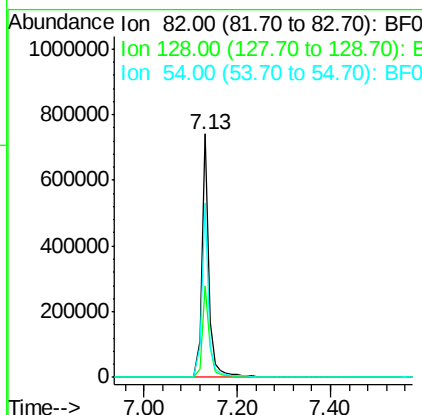
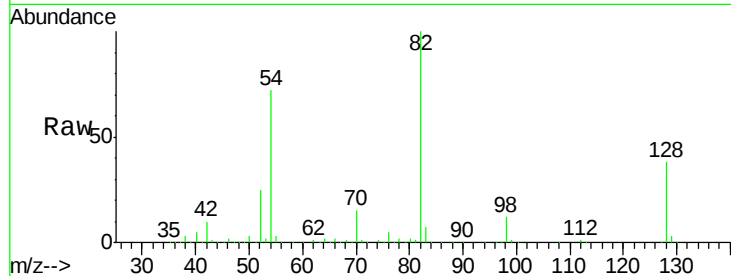




#23
 Nitrobenzene-d5
 Concen: 61597.94 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087230.D
 Acq: 20 May 2016 17:59

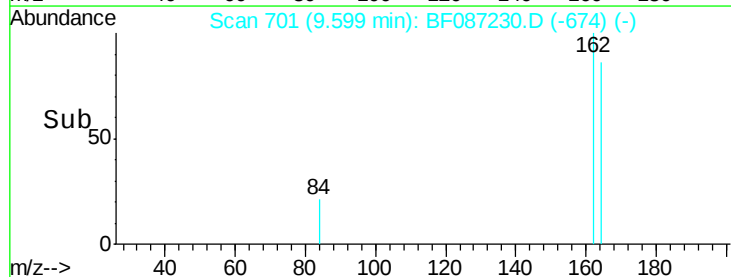
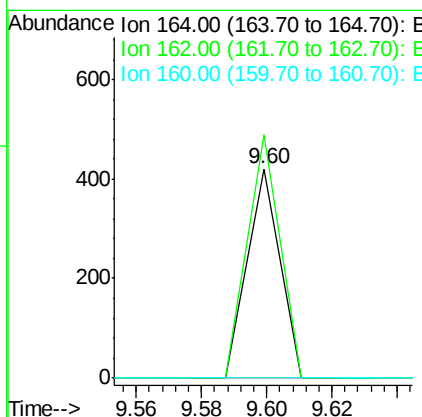
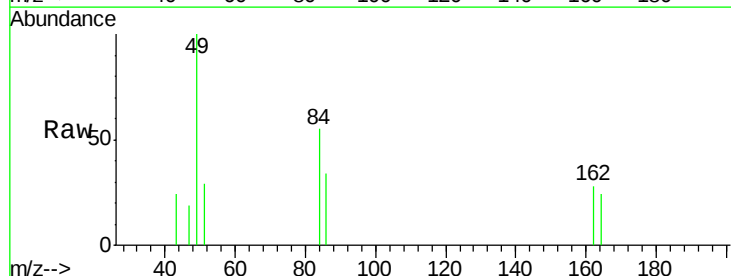
Instrument :
 BNA_F
 ClientSampleId :
 PB90703BL

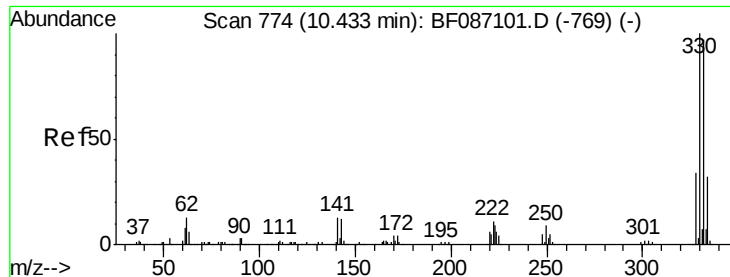
Tot Ion	82	Resp	787303
Ion	Ratio	Lower	Upper
82	100		
128	37.6	40.6	61.0#
54	71.7	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BF087230.D
 Acq: 20 May 2016 17:59

Tgt Ion	164	Resp	288
Ion	Ratio	Lower	Upper
164	100		
162	116.4	82.8	124.2
160	0.0	36.9	55.3#

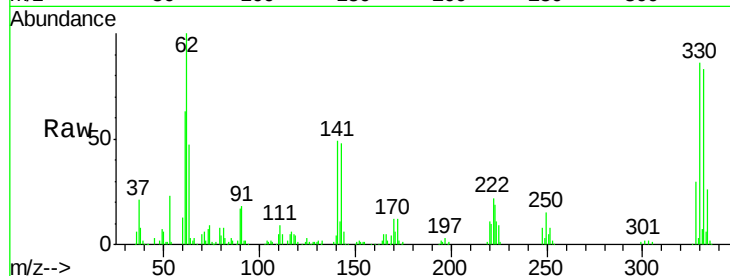




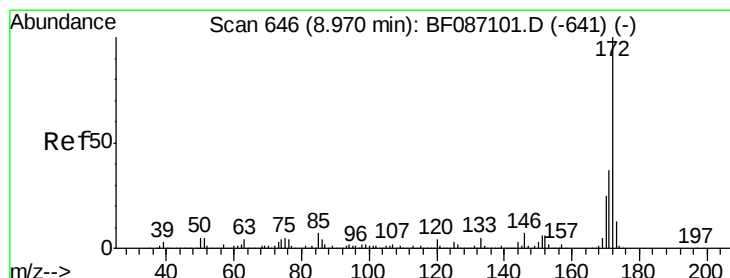
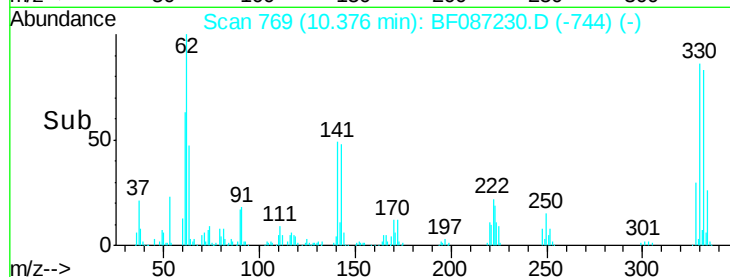
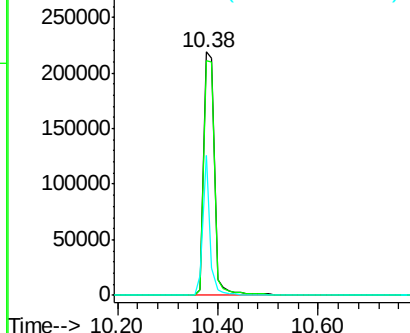
#41
 2,4,6-Tribromophenol
 Concen: 103805.50 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087230.D
 Acq: 20 May 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	37.8	31.2	46.8

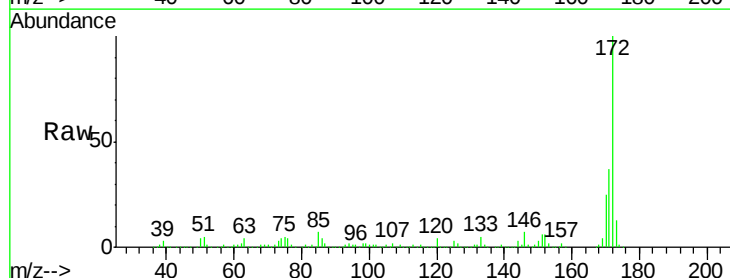


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

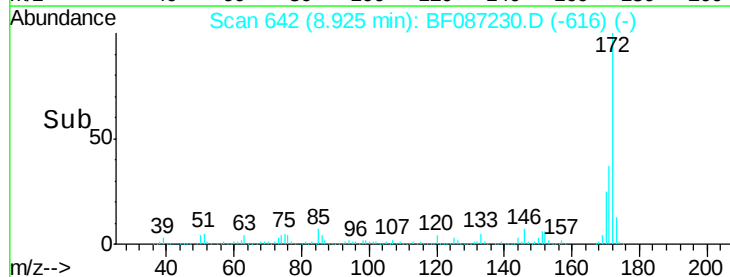
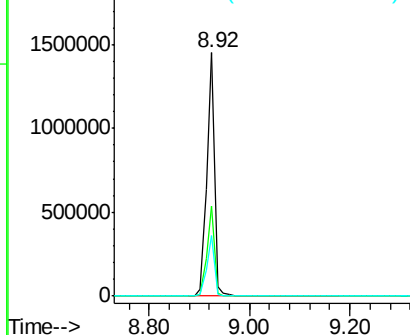


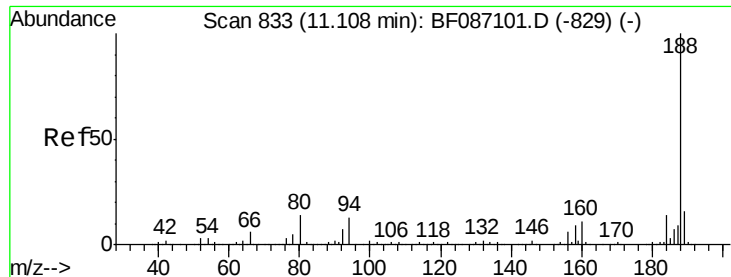
#44
 2-Fluorobiphenyl
 Concen: 88053.79 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087230.D
 Acq: 20 May 2016 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.6	19.8	29.8



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

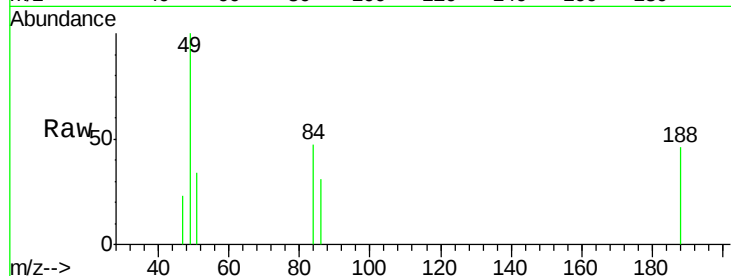




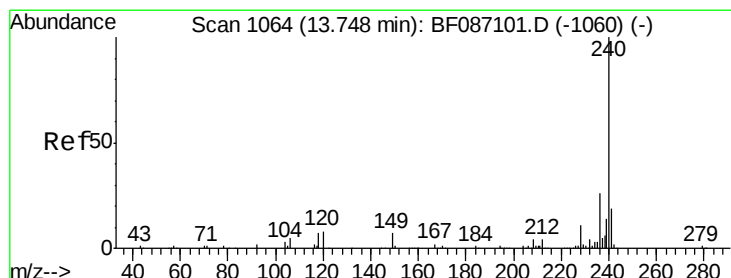
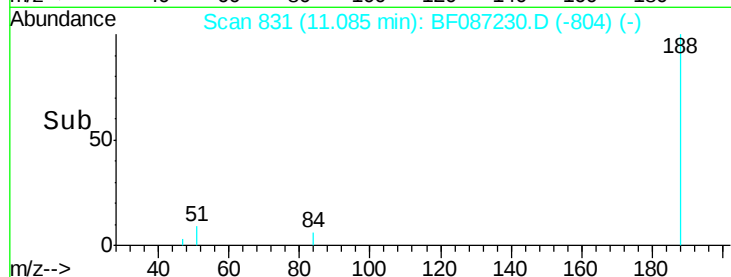
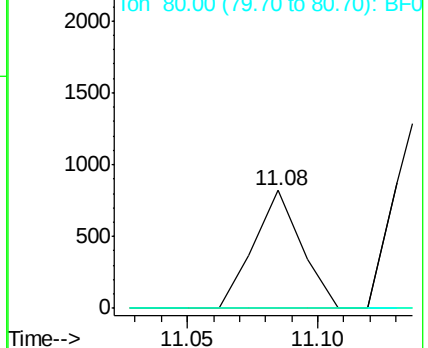
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF087230.D
Acq: 20 May 2016 17:59

Instrument :
BNA_F
ClientSampleId :
PB90703BL

Tot Ion:188 Resp: 1052
Ion Ratio Lower Upper
188 100
94 0.0 6.8 10.2#
80 0.0 7.1 10.7#

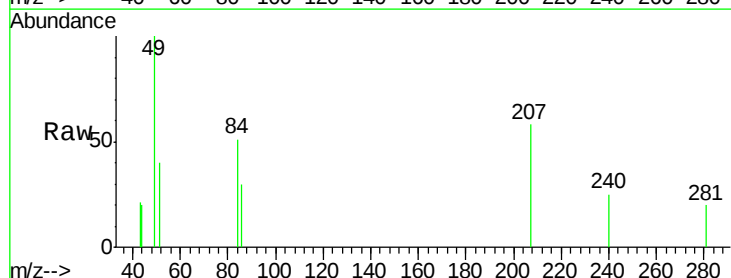


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

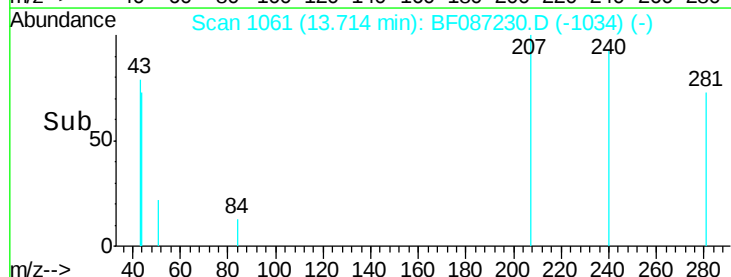
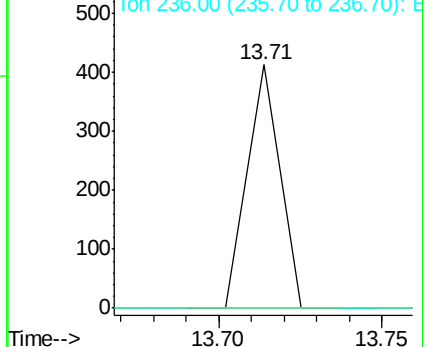


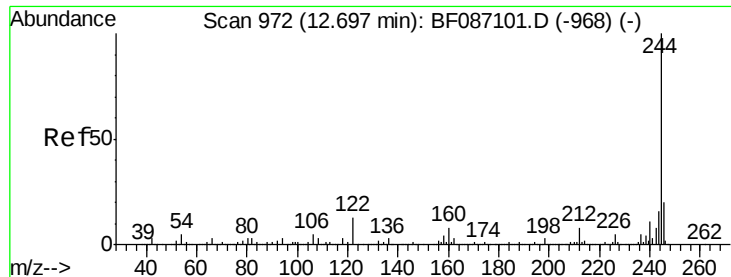
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF087230.D
Acq: 20 May 2016 17:59

Tgt Ion:240 Resp: 283
Ion Ratio Lower Upper
240 100
120 0.0 11.2 16.8#
236 0.0 21.2 31.8#



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: 108326.45 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087230.D

Acq: 20 May 2016 17:59

Instrument :

BNA_F

ClientSampleId :

PB90703BL

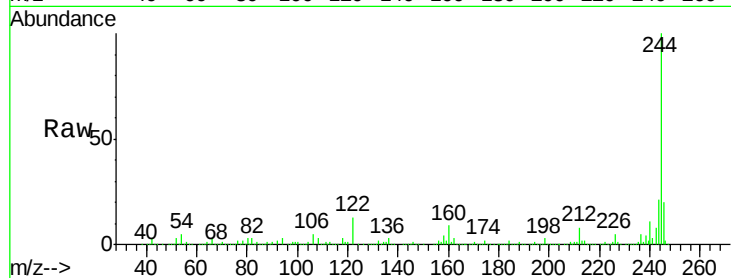
Tot Ion:244 Resp: 1355221

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

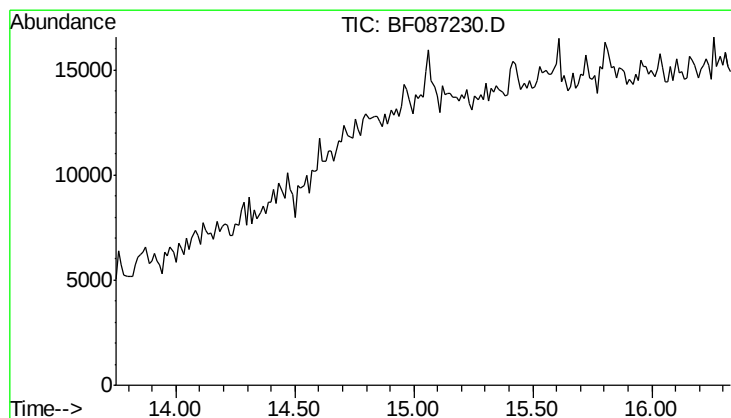
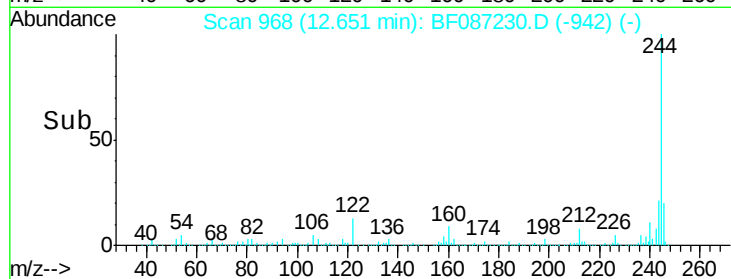
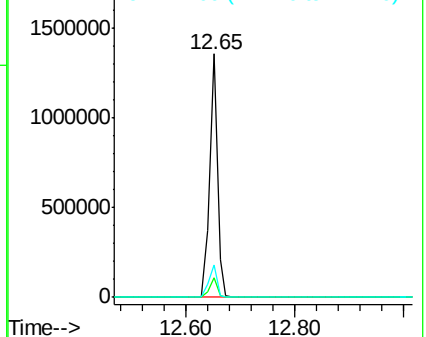
122 13.2 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 15.04 min

Lab File: BF087230.D

Acq: 20 May 2016 17:59

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.4

265 21.6

