

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088199.D
 Acq On : 21 Jun 2016 5:07
 Operator : UM/SJ
 Sample : H3611-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP2-COMP

Quant Time: Jun 21 06:47:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

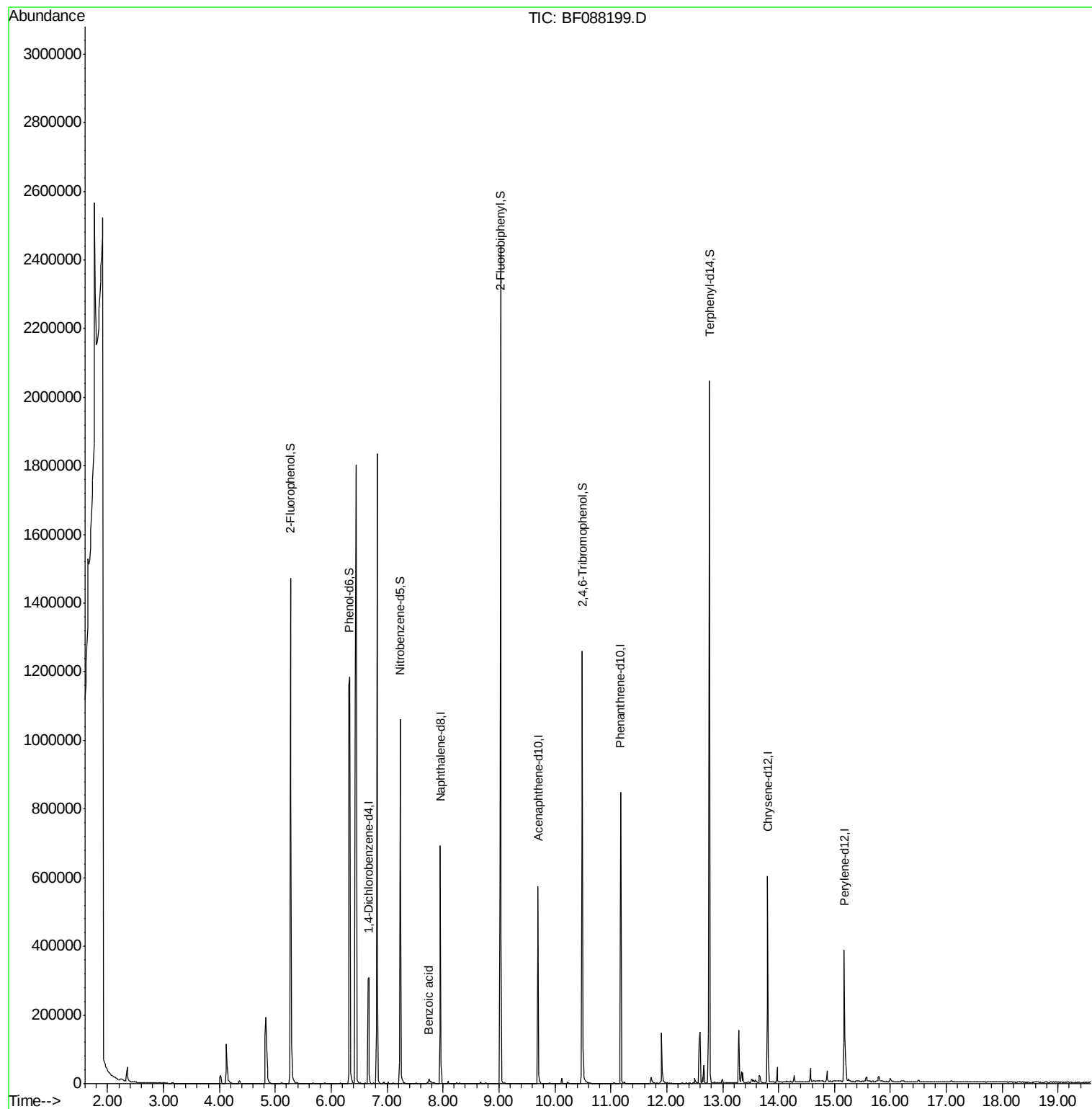
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	78351	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	327629	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	150597	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	291770	20.00	ng	0.00
75) Chrysene-d12	13.81	240	222654	20.00	ng	0.00
86) Perylene-d12	15.18	264	165741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	576163	125.71	ng	0.01
7) Phenol-d6	6.33	99	704569	126.85	ng	0.00
23) Nitrobenzene-d5	7.23	82	452244	80.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	203694	128.10	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	821889	85.79	ng	-0.01
78) Terphenyl-d14	12.77	244	887840	90.74	ng	0.00
Target Compounds						
32) Benzoic acid	7.75	122	9521	3.23	ng	Qvalue 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF088199.D

Acq: 21 Jun 2016 5:07

Instrument :

BNA_F

ClientSampleId :

PL-UP2-COMP

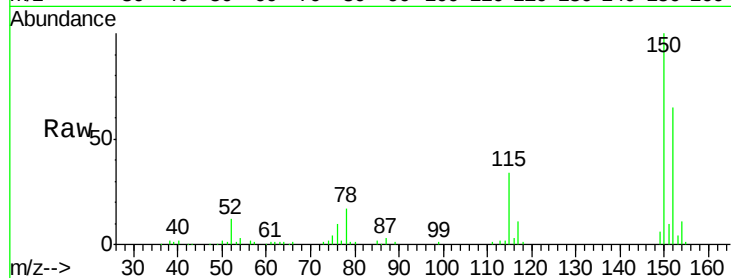
Tot Ion:152 Resp: 78351

Ion Ratio Lower Upper

152 100

150 153.4 123.8 185.6

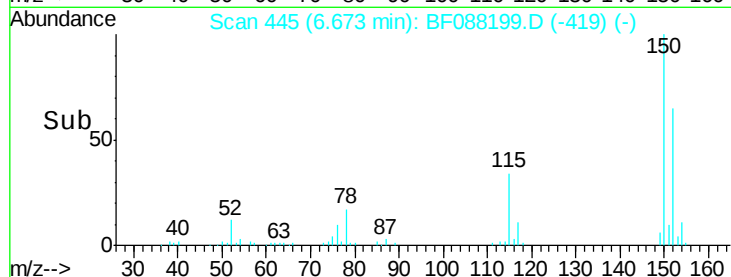
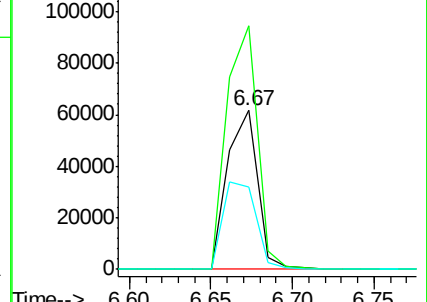
115 51.9 39.6 59.4



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: 125.71 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088199.D

Acq: 21 Jun 2016 5:07

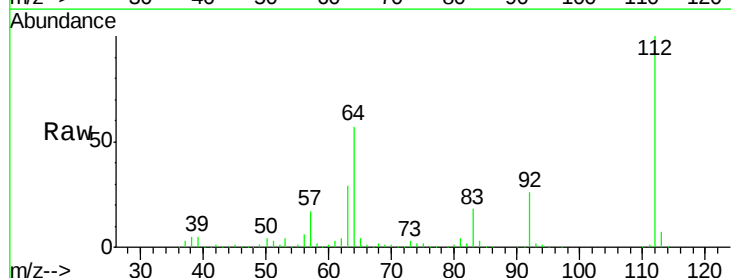
Tgt Ion:112 Resp: 576163

Ion Ratio Lower Upper

112 100

64 57.5 42.2 63.2

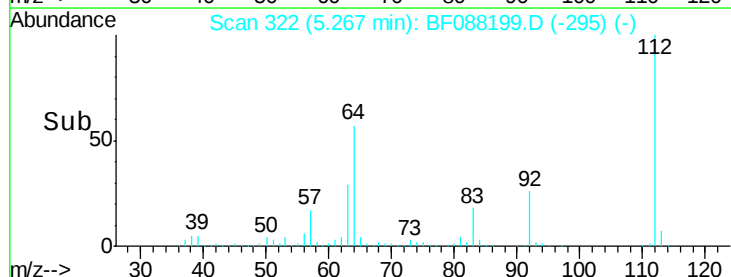
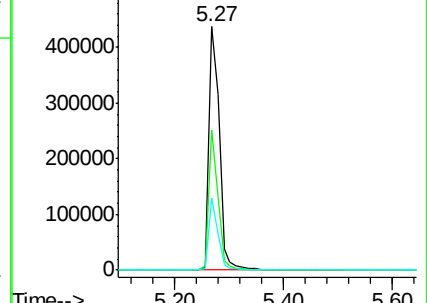
63 29.4 21.8 32.8



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: 126.85 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088199.D

Acq: 21 Jun 2016 5:07

Instrument :

BNA_F

ClientSampleId :

PL-UP2-COMP

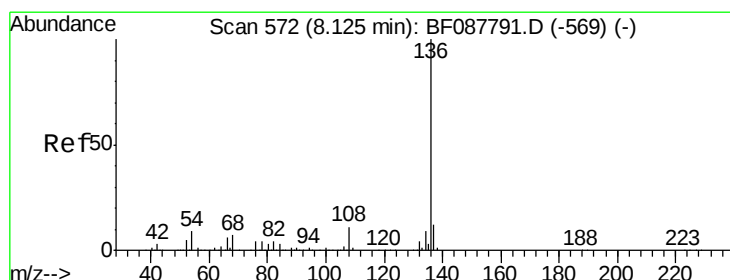
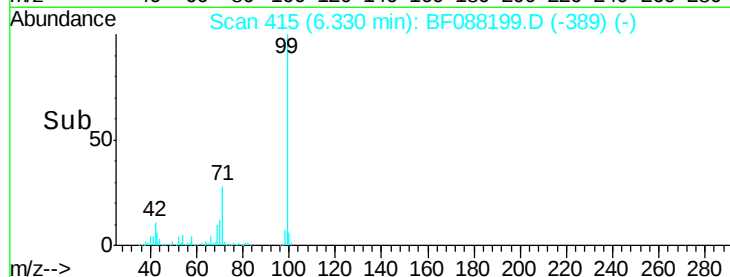
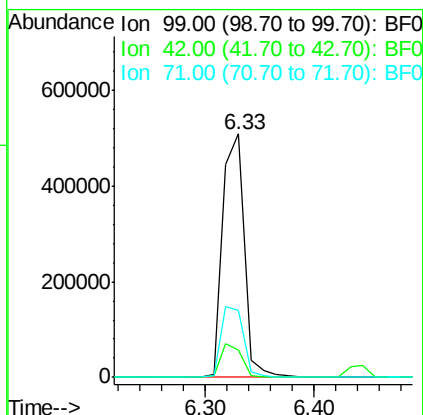
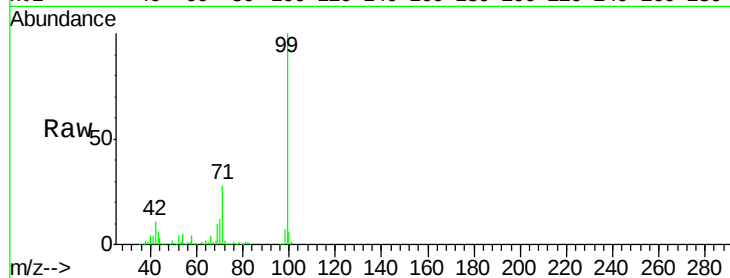
Tot Ion: 99 Resp: 704569

Ion Ratio Lower Upper

99 100

42 11.0 12.2 18.2#

71 27.7 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088199.D

Acq: 21 Jun 2016 5:07

Tgt Ion: 136 Resp: 327629

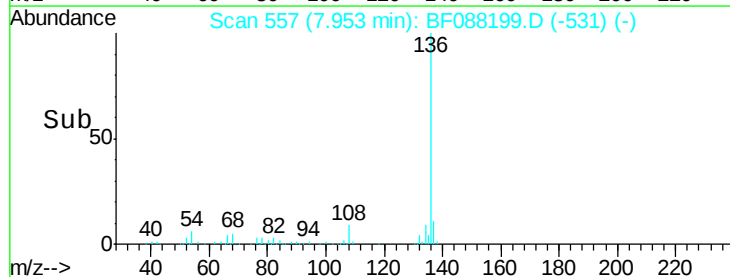
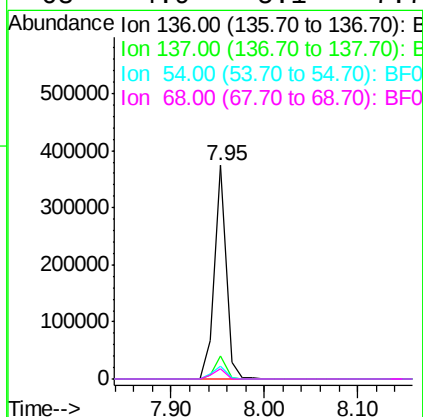
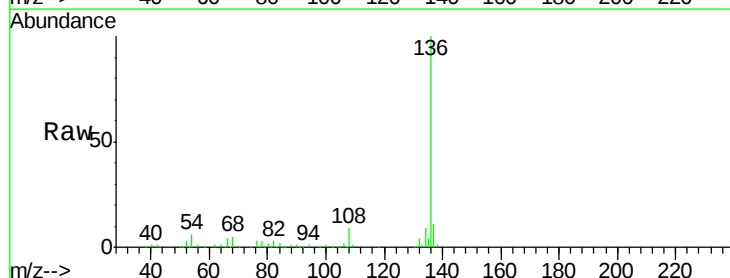
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.7 6.6 10.0#

68 4.9 5.1 7.7#

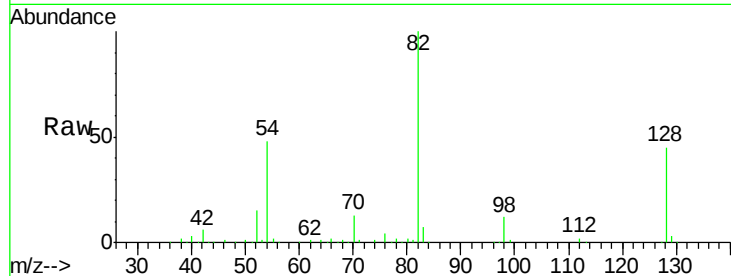




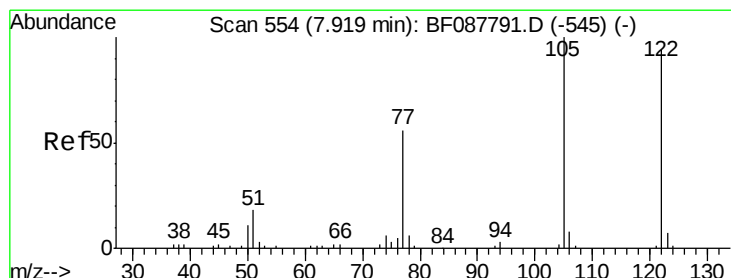
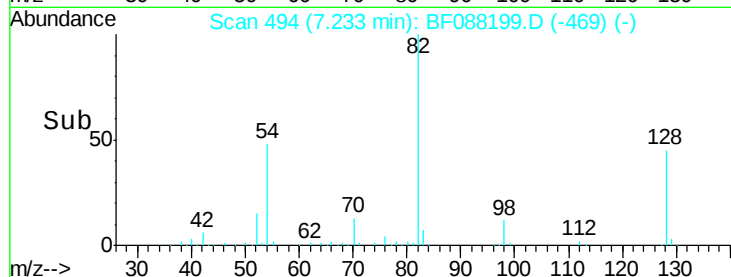
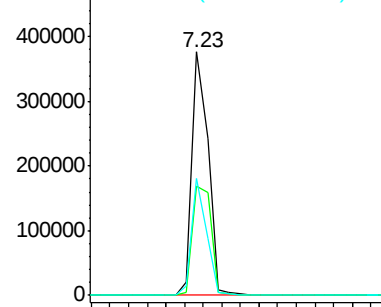
#23
 Nitrobenzene-d5
 Concen: 80.60 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088199.D
 Acq: 21 Jun 2016 5:07

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP2-COMP

Tot Ion: 82 Resp: 452244
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.9 53.9
 54 47.8 40.9 61.3

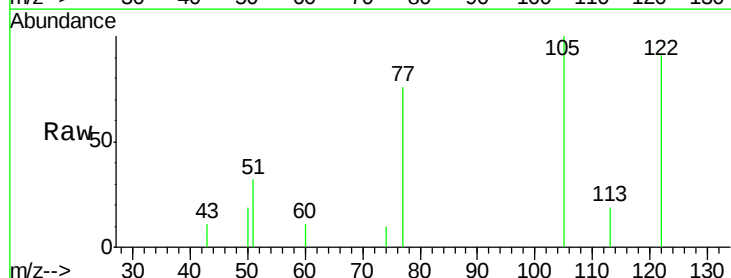


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

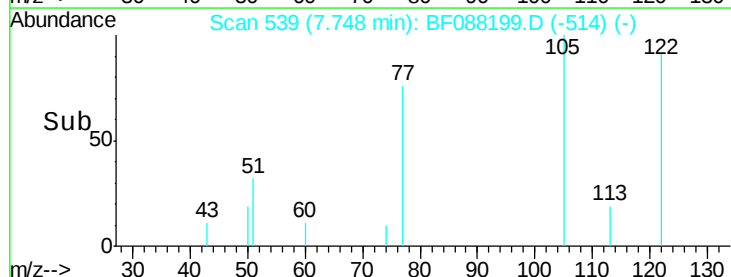
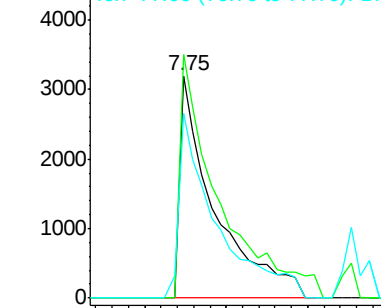


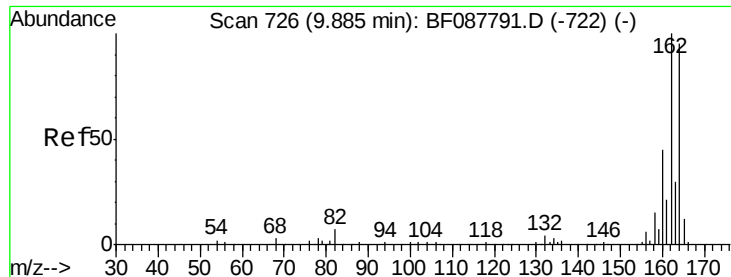
#32
 Benzoic acid
 Concen: 3.23 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF088199.D
 Acq: 21 Jun 2016 5:07

Tgt Ion: 122 Resp: 9521
 Ion Ratio Lower Upper
 122 100
 105 109.6 101.6 141.6
 77 83.2 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0

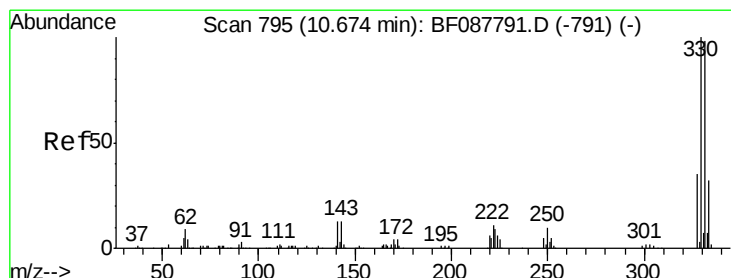
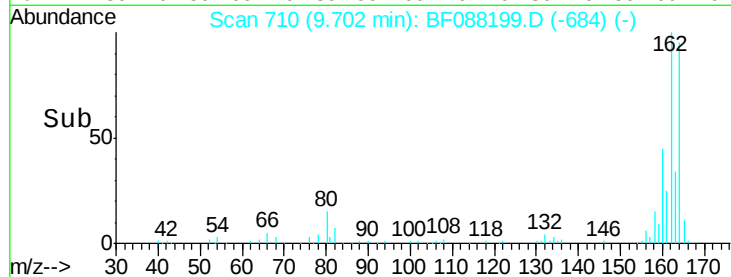
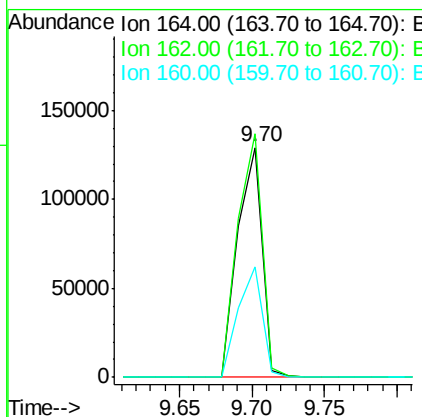
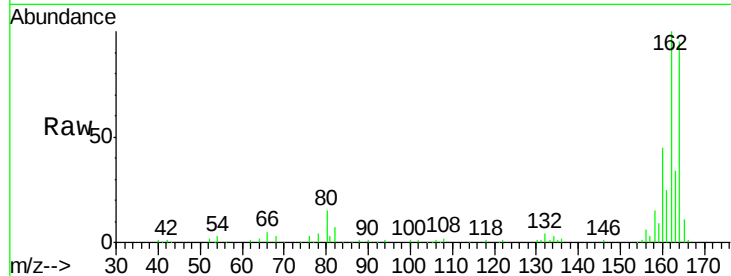




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088199.D
 Acq: 21 Jun 2016 5:07

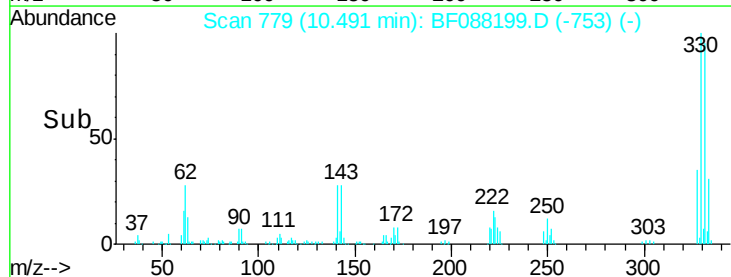
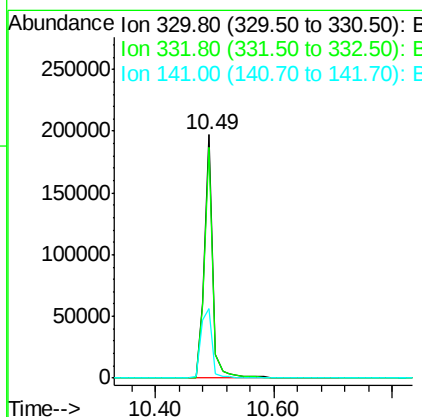
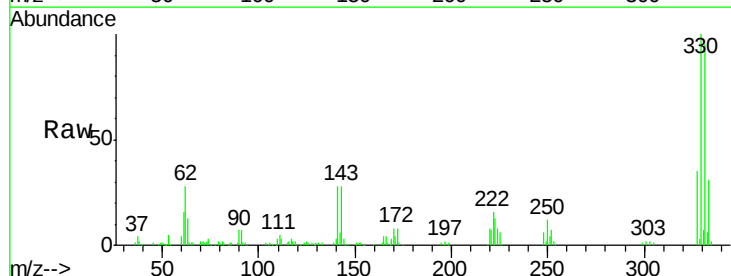
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP2-COMP

Tot Ion:164 Resp: 150597
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.4 128.2
 160 48.1 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 128.10 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088199.D
 Acq: 21 Jun 2016 5:07

Tgt Ion:330 Resp: 203694
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 38.1 0.0 0.0#

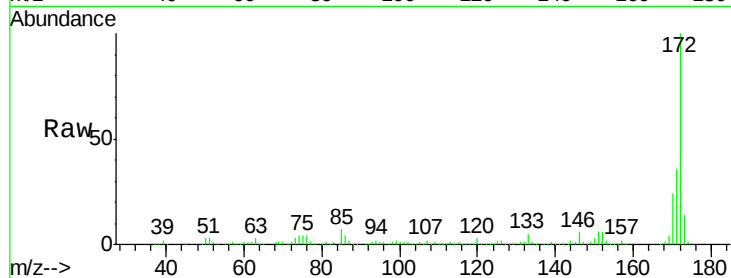




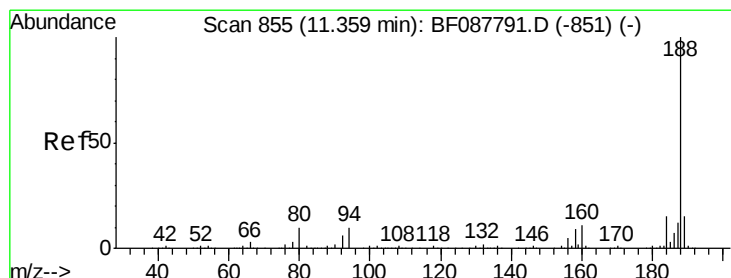
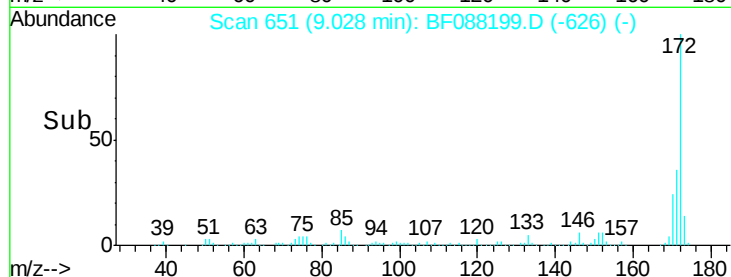
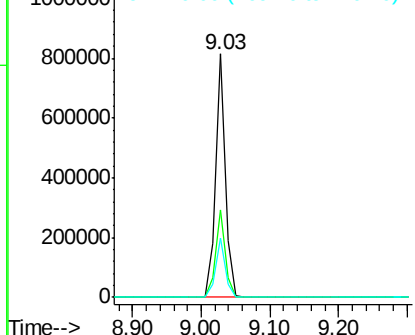
#44
 2-Fluorobiphenyl
 Concen: 85.79 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088199.D
 Acq: 21 Jun 2016 5:07

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP2-COMP

Tot Ion:172 Resp: 821889
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.2 19.2 28.8

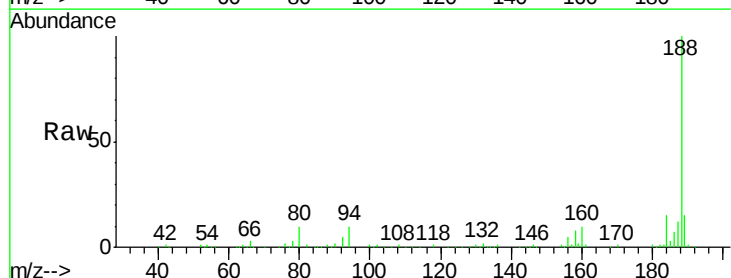


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

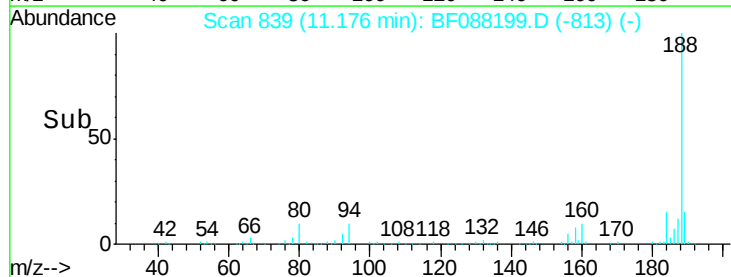
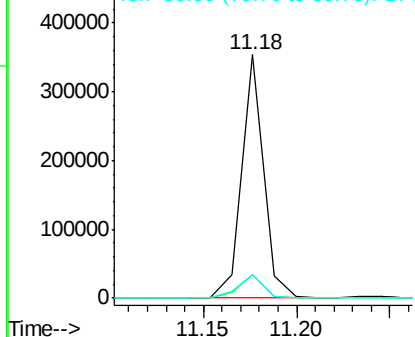


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF088199.D
 Acq: 21 Jun 2016 5:07

Tgt Ion:188 Resp: 291770
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.0 13.6
 80 9.7 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: 13.81 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BF088199.D

Acq: 21 Jun 2016 5:07

Instrument :

BNA_F

ClientSampleId :

PL-UP2-COMP

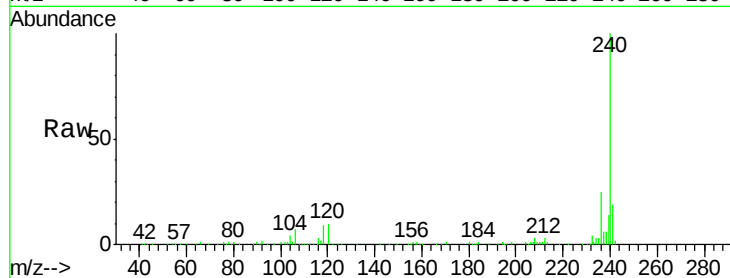
Tot Ion:240 Resp: 222654

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

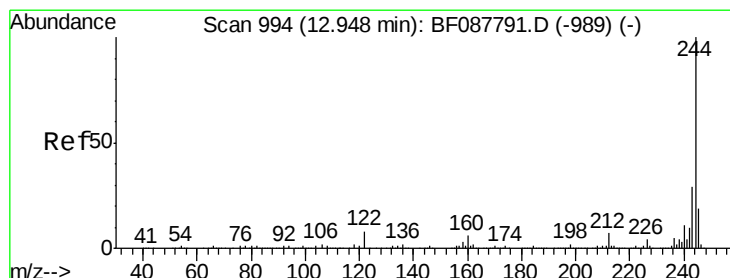
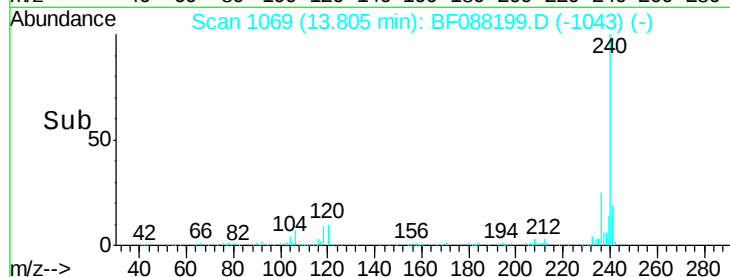
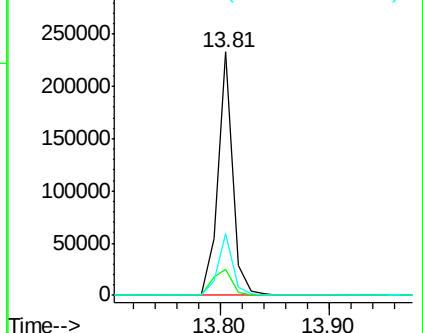
236 25.3 20.2 30.2



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: 90.74 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088199.D

Acq: 21 Jun 2016 5:07

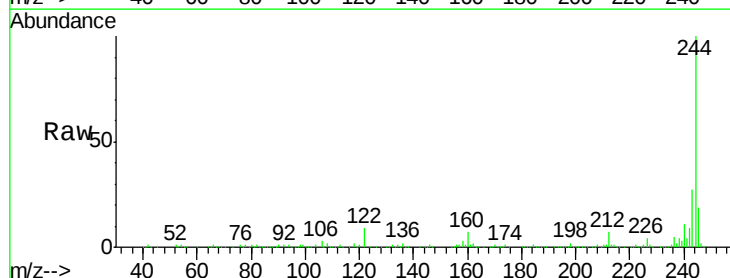
Tgt Ion:244 Resp: 887840

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

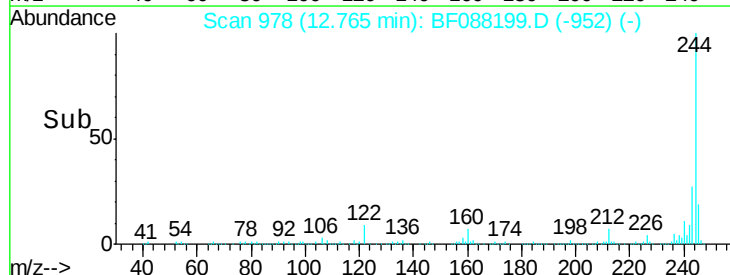
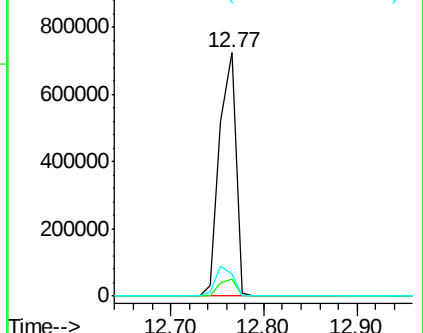
122 9.1 11.2 16.8#

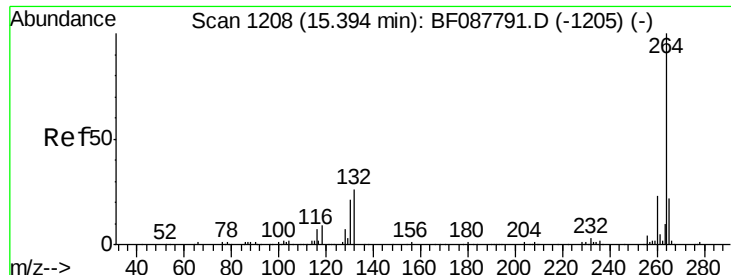


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



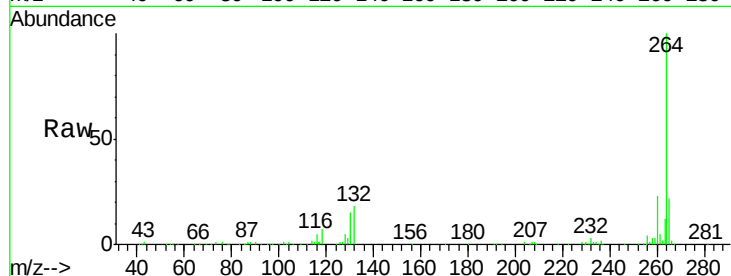


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088199.D
Acq: 21 Jun 2016 5:07

Instrument :
BNA_F
ClientSampleId :
PL-UP2-COMP

Tot Ion: 264 Resp: 165741

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

