

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089680.D
 Acq On : 9 Aug 2016 3:41
 Operator : UM/SJ
 Sample : PB92711BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

Quant Time: Aug 09 07:00:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

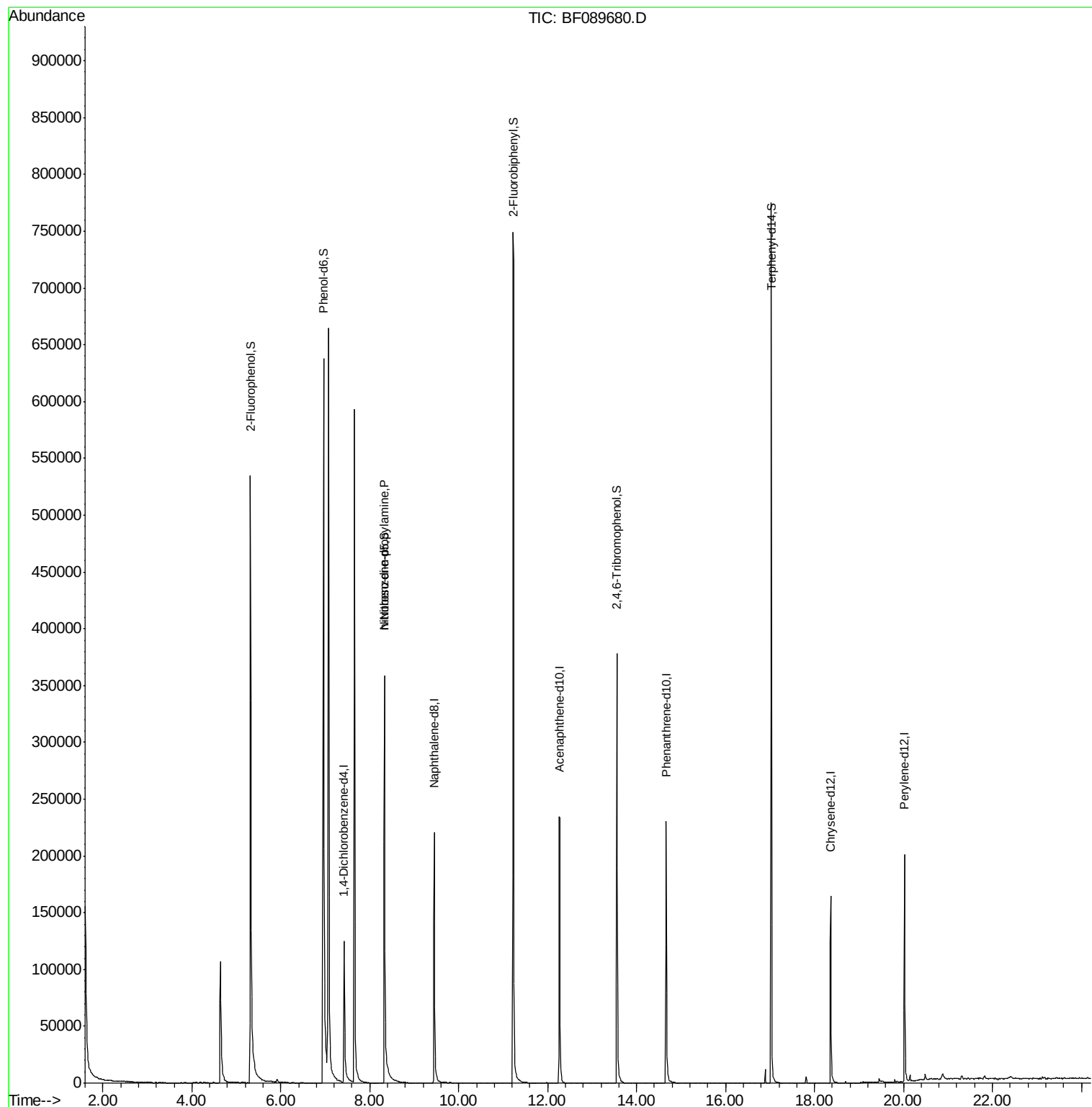
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	42794	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	183182	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	85383	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	147702	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	97172	20.00	ng	-0.02
86) Perylene-d12	20.02	264	97288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	279466	109.45	ng	0.00
7) Phenol-d6	6.96	99	383090	110.60	ng	-0.02
23) Nitrobenzene-d5	8.33	82	232889	70.32	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	58984	83.71	ng	-0.03
44) 2-Fluorobiphenyl	11.23	172	446475	67.96	ng	-0.02
78) Terphenyl-d14	17.03	244	300117	60.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.33	70	27013	10.80	ng	Qvalue # 80

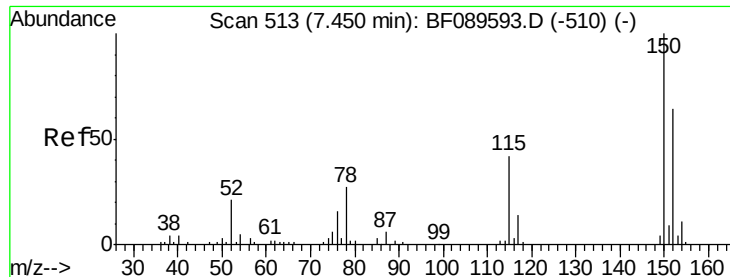
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

Instrument :

BNA_F

ClientSampleId :

PB92711BL

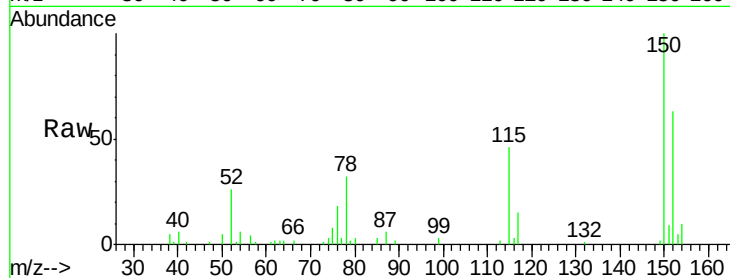
Tgt Ion:152 Resp: 42794

Ion Ratio Lower Upper

152 100

150 159.9 125.5 188.3

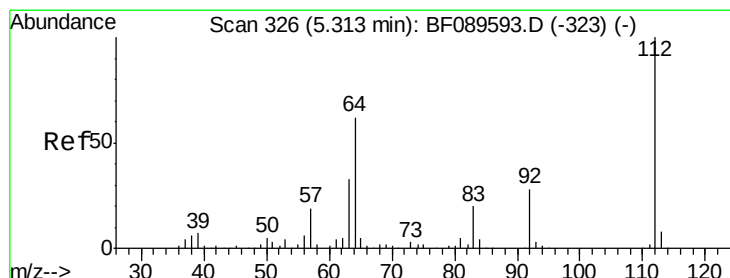
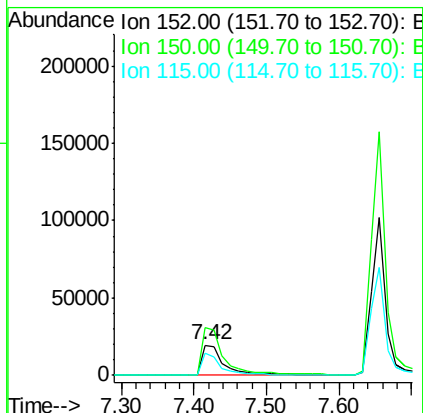
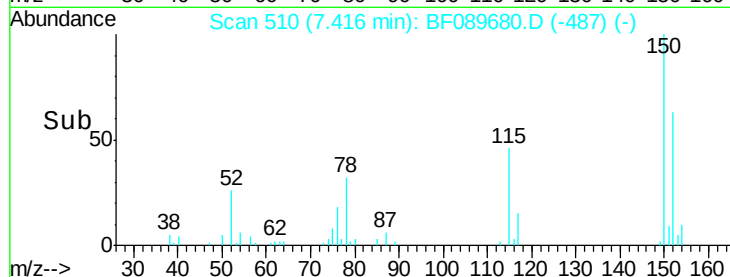
115 73.2 52.0 78.0



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: 109.45 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

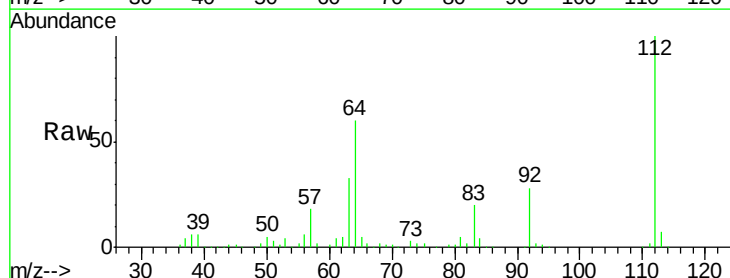
Tgt Ion:112 Resp: 279466

Ion Ratio Lower Upper

112 100

64 60.1 49.9 74.9

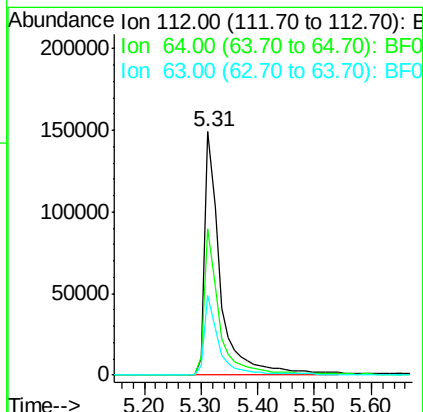
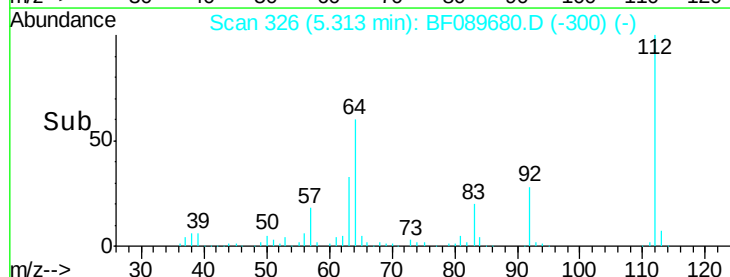
63 32.6 26.1 39.1

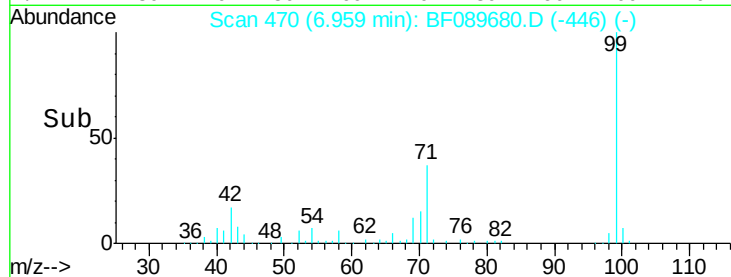
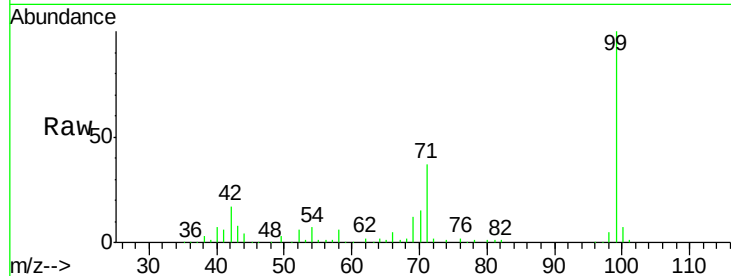
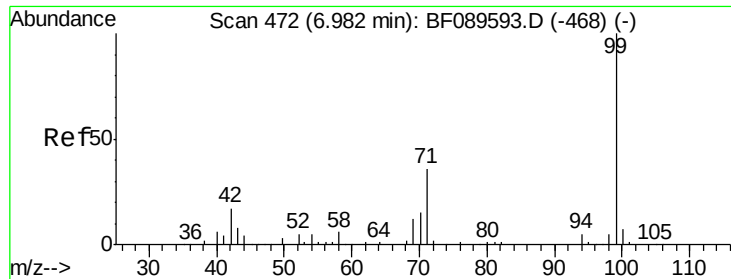


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.60 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

Instrument :

BNA_F

ClientSampleId :

PB92711BL

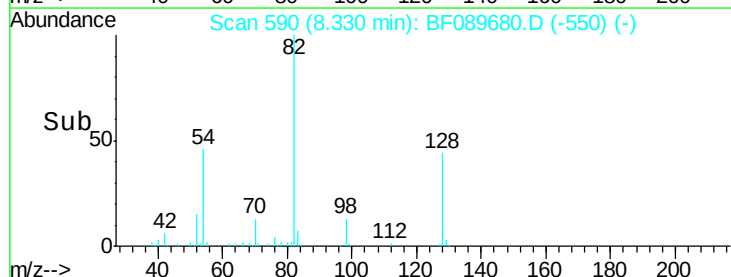
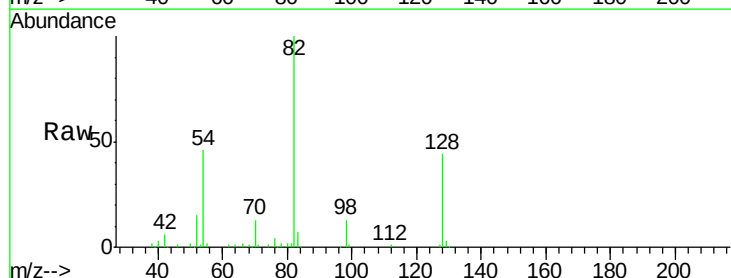
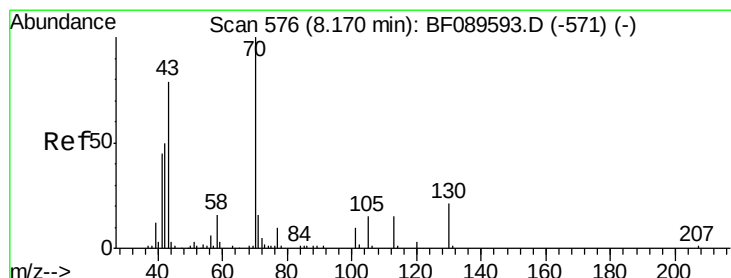
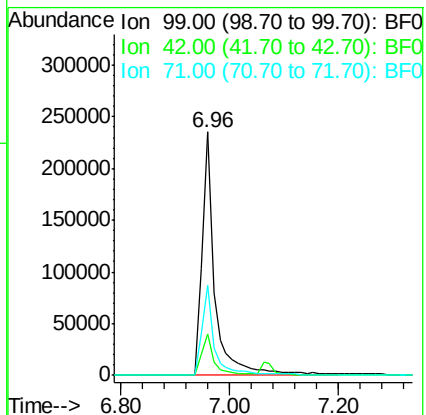
Tgt Ion: 99 Resp: 383090

Ion Ratio Lower Upper

99 100

42 17.2 13.7 20.5

71 36.9 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.80 ng

RT: 8.33 min Scan# 590

Delta R.T. 0.16 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

Tgt Ion: 70 Resp: 27013

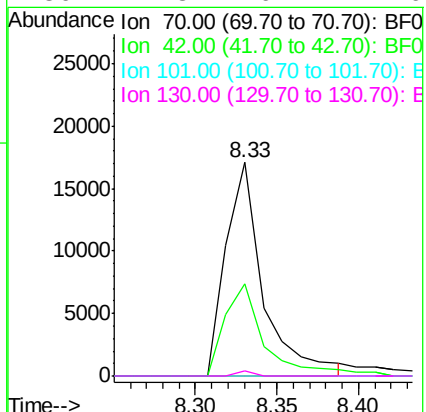
Ion Ratio Lower Upper

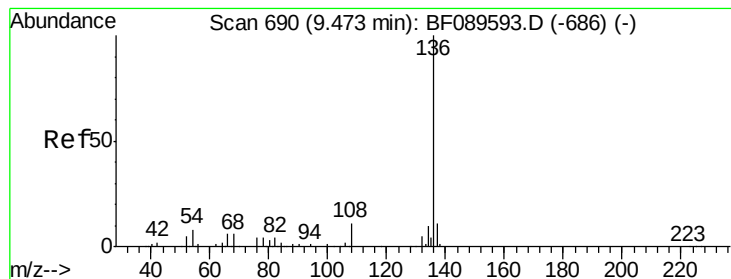
70 100

42 43.2 40.2 60.2

101 0.0 7.8 11.6#

130 2.3 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

Instrument :

BNA_F

ClientSampleId :

PB92711BL

Tgt Ion:136 Resp: 183182

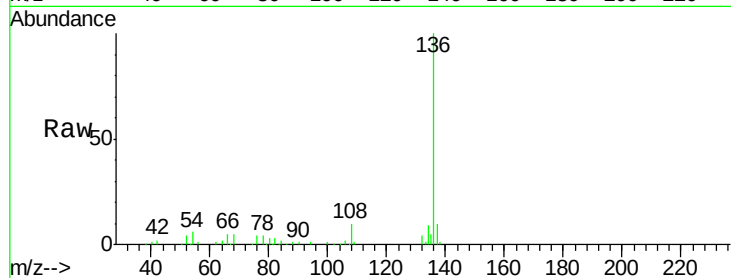
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.4 6.0 9.0

68 5.4 4.6 6.8

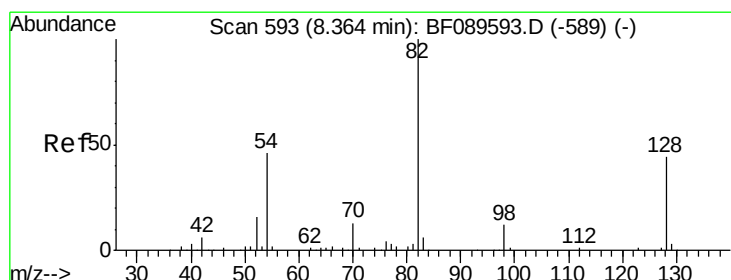
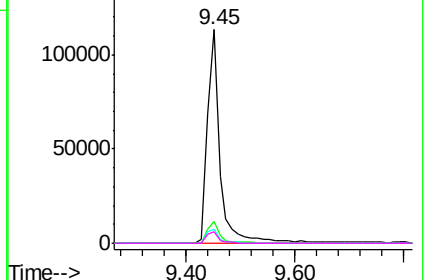
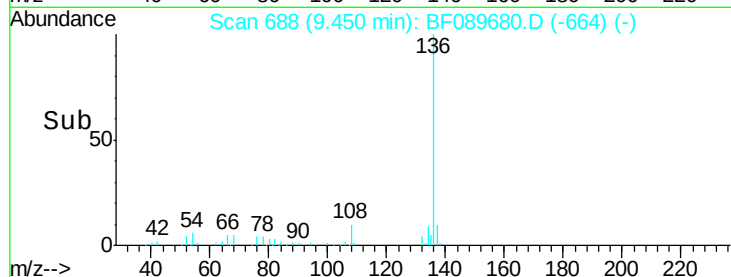


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.32 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.03 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

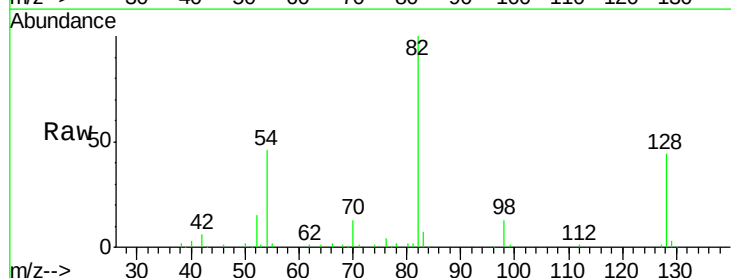
Tgt Ion: 82 Resp: 232889

Ion Ratio Lower Upper

82 100

128 43.9 35.4 53.0

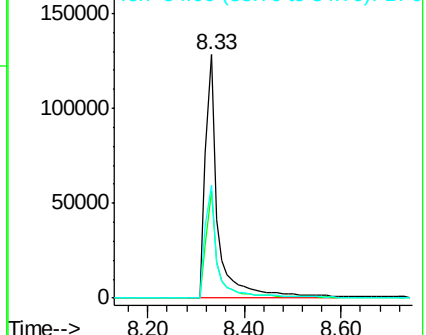
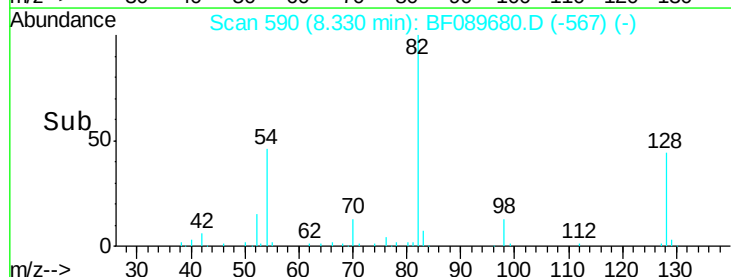
54 46.3 36.4 54.6

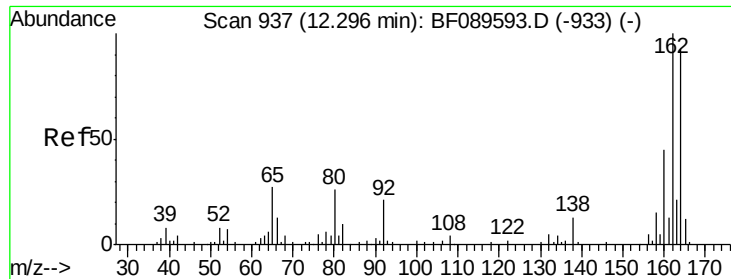


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

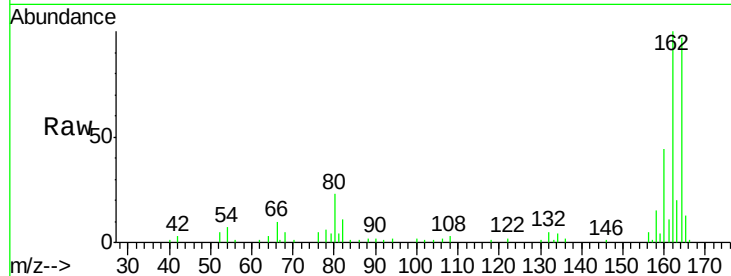




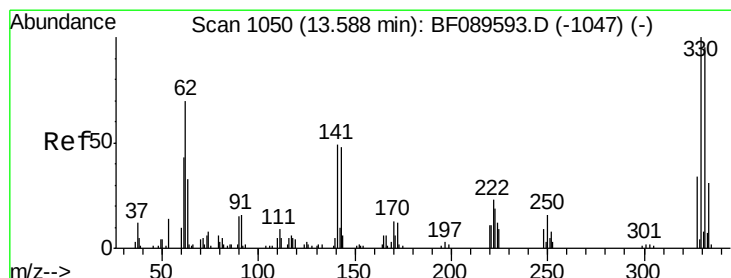
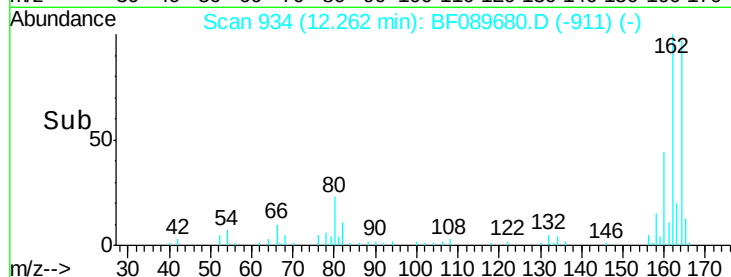
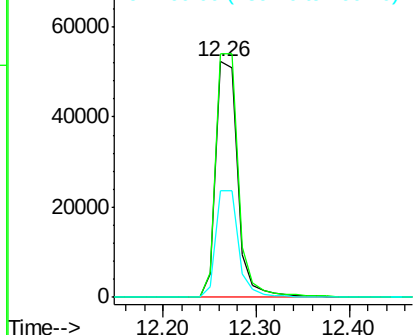
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

Tgt Ion:164 Resp: 85383
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.7 128.5
 160 45.2 38.2 57.4

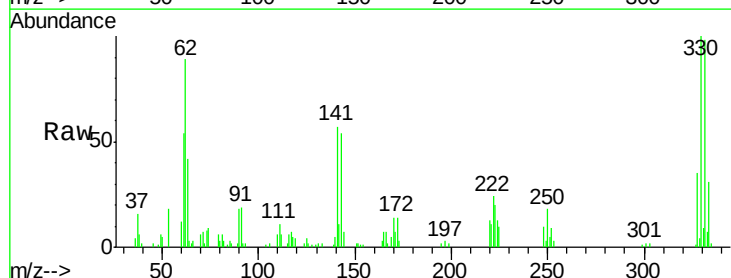


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

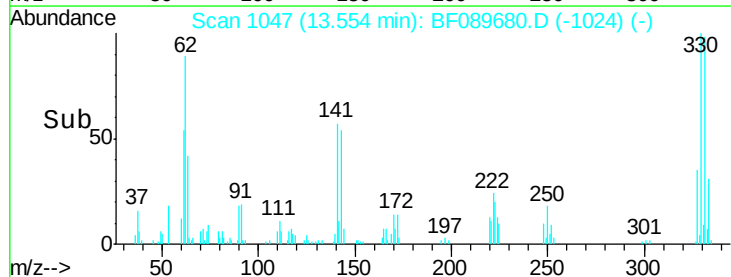
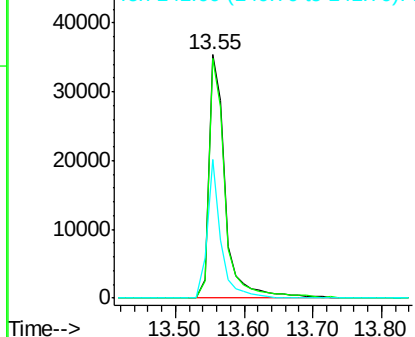


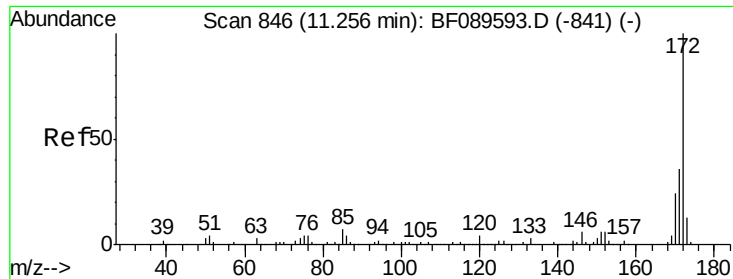
#41
 2,4,6-Tribromophenol
 Concen: 83.71 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

Tgt Ion:330 Resp: 58984
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 47.3 38.6 57.8



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

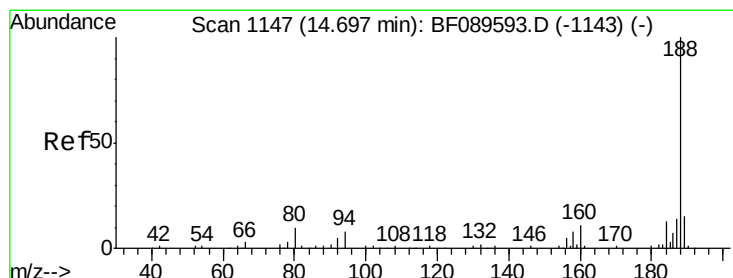
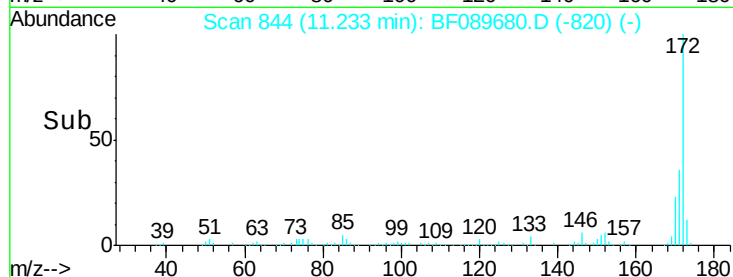
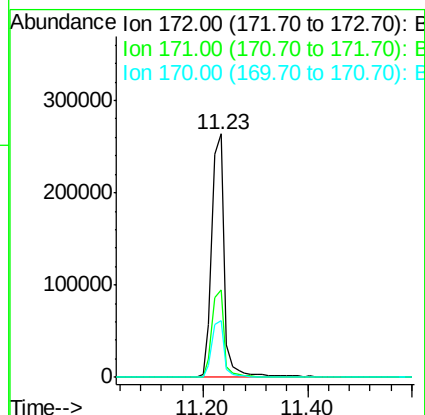
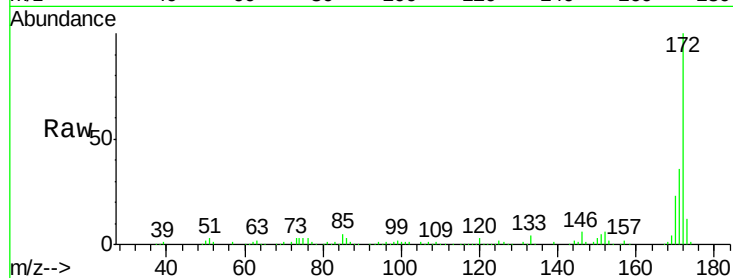




#44
 2-Fluorobiphenyl
 Concen: 67.96 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

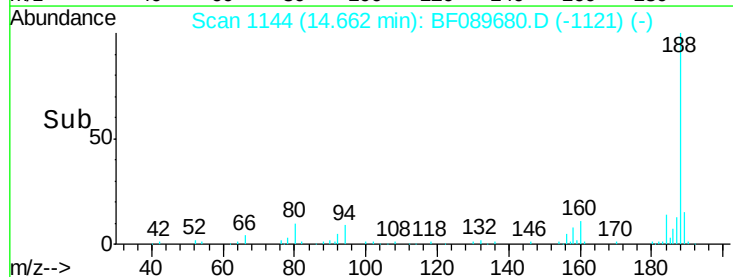
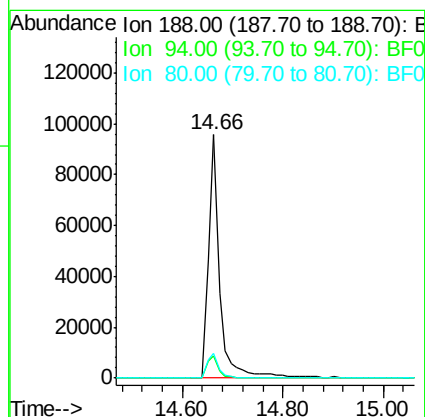
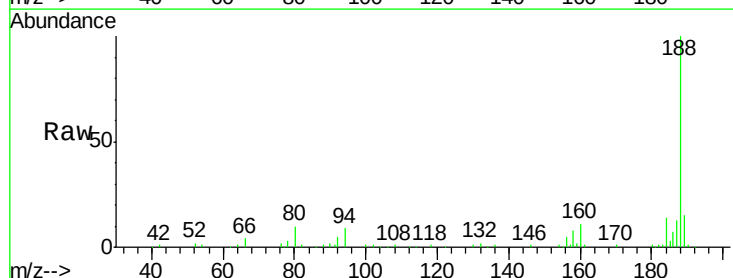
Instrument :
 BNA_F
 ClientSampleId :
 PB92711BL

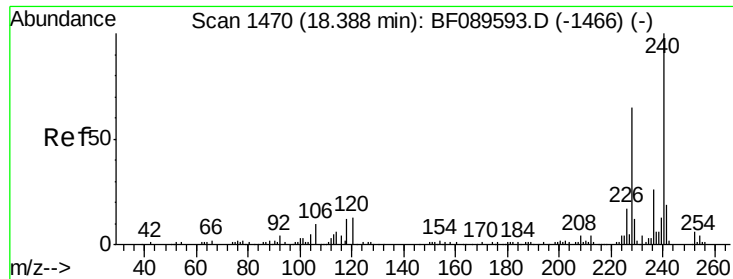
Tgt Ion:172 Resp: 446475
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.4 19.0 28.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF089680.D
 Acq: 9 Aug 2016 3:41

Tgt Ion:188 Resp: 147702
 Ion Ratio Lower Upper
 188 100
 94 9.0 6.5 9.7
 80 10.2 8.0 12.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.37 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

Instrument :

BNA_F

ClientSampleId :

PB92711BL

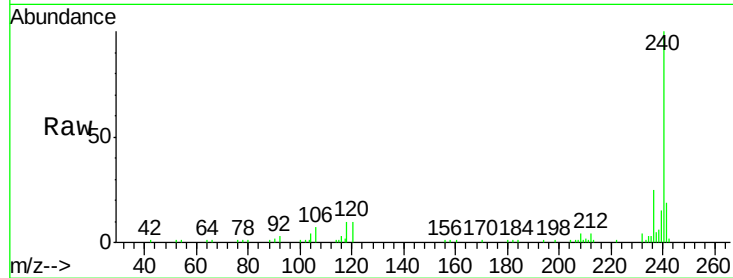
Tgt Ion:240 Resp: 97172

Ion Ratio Lower Upper

240 100

120 10.0 10.6 15.8#

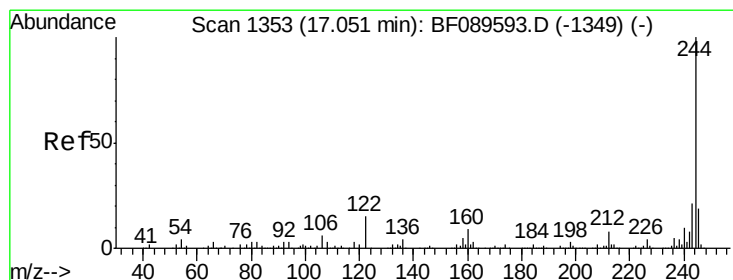
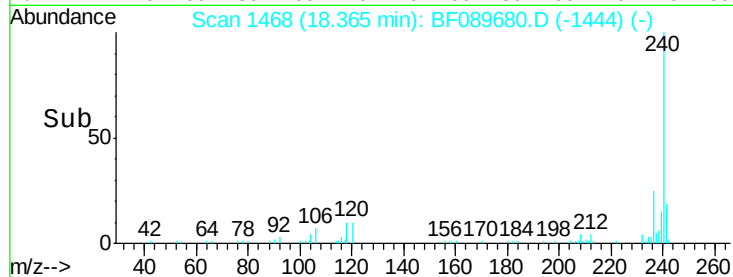
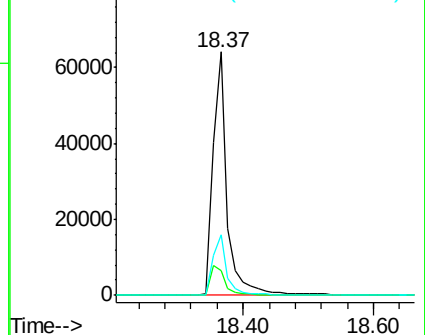
236 25.0 20.6 30.8



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: 60.97 ng

RT: 17.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF089680.D

Acq: 9 Aug 2016 3:41

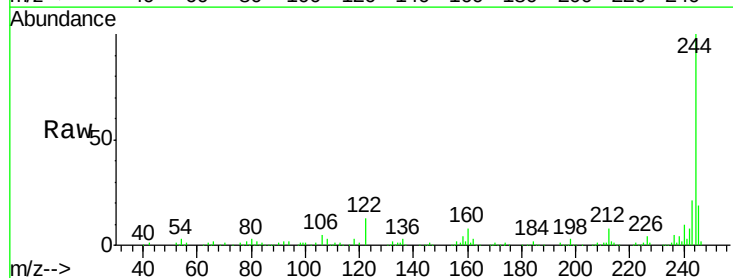
Tgt Ion:244 Resp: 300117

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

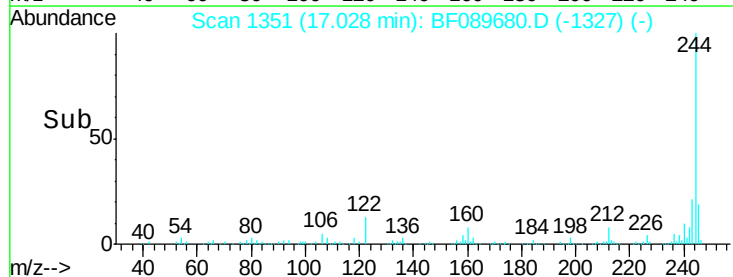
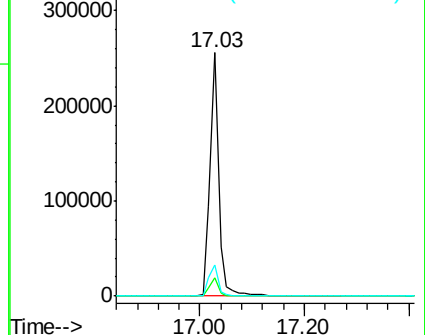
122 12.8 12.2 18.2

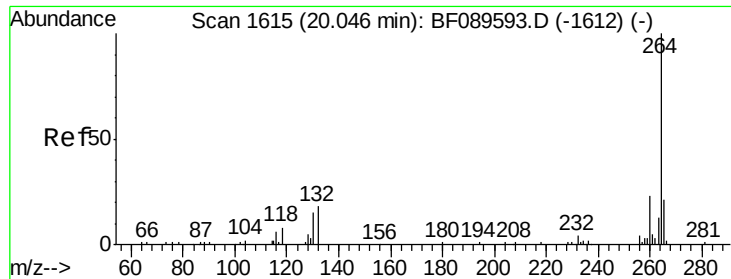


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089680.D
Acq: 9 Aug 2016 3:41

Instrument :
BNA_F
ClientSampleId :
PB92711BL

Tgt Ion: 264 Resp: 97288
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.0 16.5 24.7

