

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
 Data File : BF090139.D
 Acq On : 20 Sep 2016 17:38
 Operator : UM/SJ
 Sample : PB93481BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BL

Quant Time: Sep 21 01:08:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

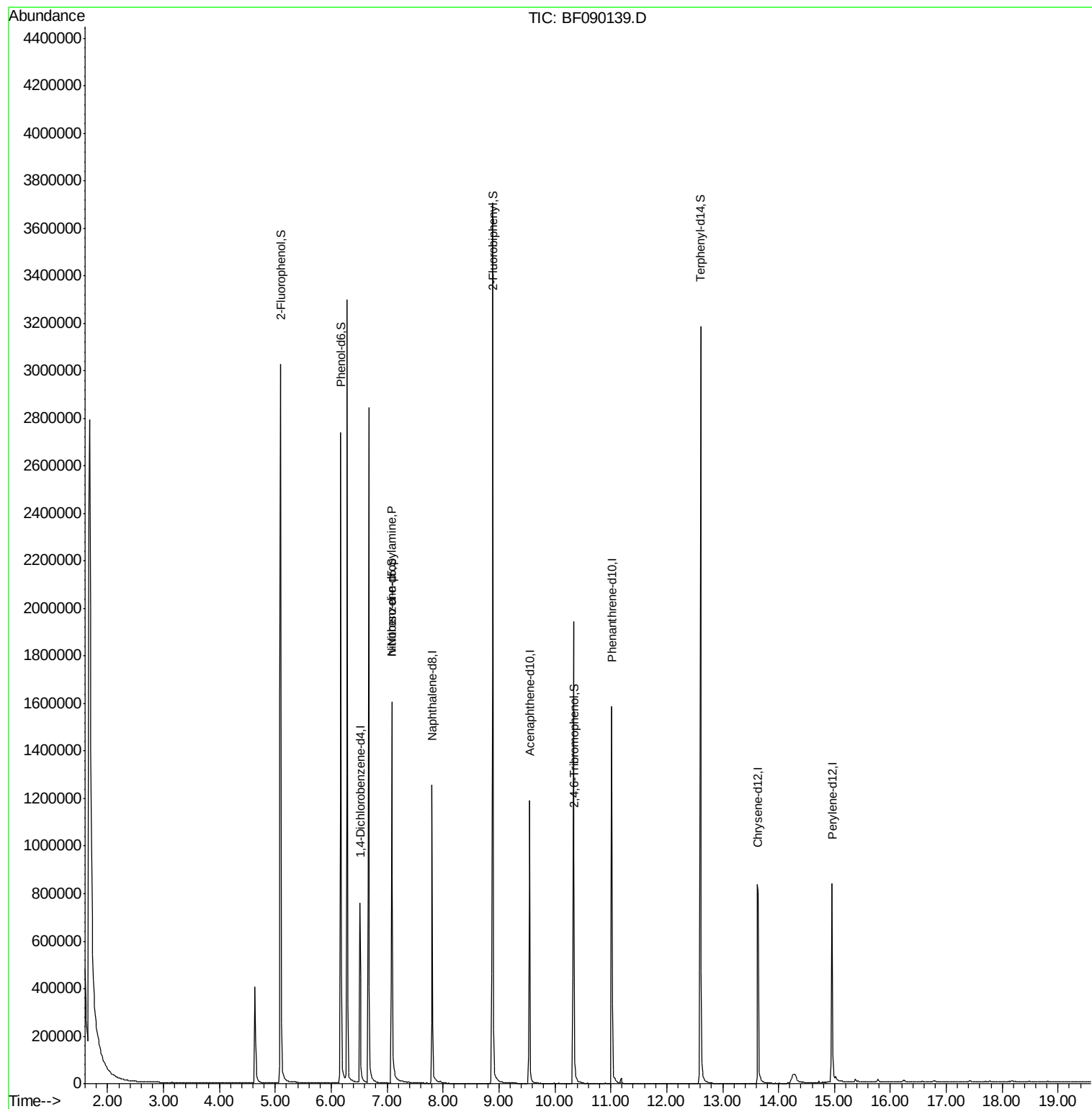
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	164248	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	682688	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	383235	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	628985	20.00	ng	-0.01
75) Chrysene-d12	13.63	240	502295	20.00	ng	0.00
86) Perylene-d12	14.96	264	503168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	1145415	113.67	ng	0.02
7) Phenol-d6	6.17	99	1377055	110.66	ng	0.00
23) Nitrobenzene-d5	7.08	82	847516	71.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.34	330	360240	109.57	ng	0.00
44) 2-Fluorobiphenyl	8.89	172	1532757	78.52	ng	0.00
78) Terphenyl-d14	12.61	244	1210710	61.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.08	70	90475	12.38	ng	Qvalue # 81

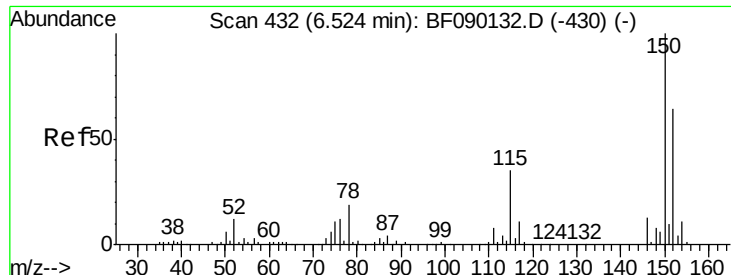
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF090139.D

Acq: 20 Sep 2016 17:38

Instrument :

BNA_F

ClientSampleId :

PB93481BL

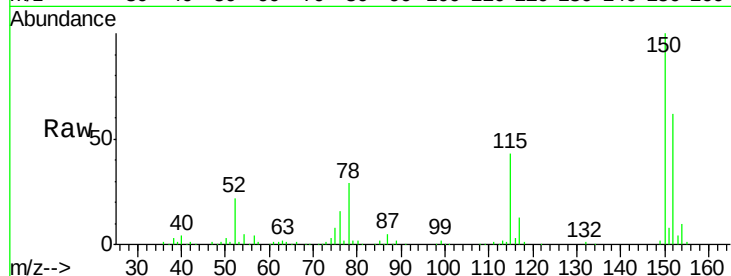
Tgt Ion:152 Resp: 164248

Ion Ratio Lower Upper

152 100

150 160.3 128.9 193.3

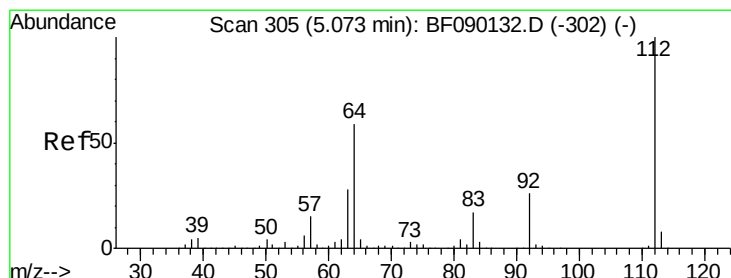
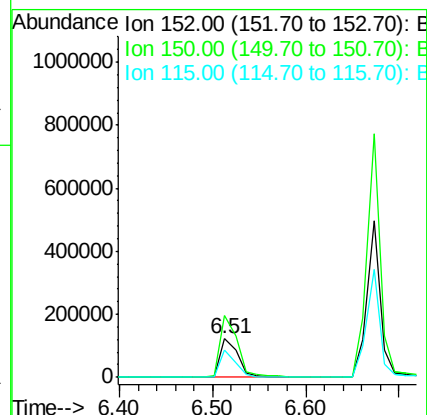
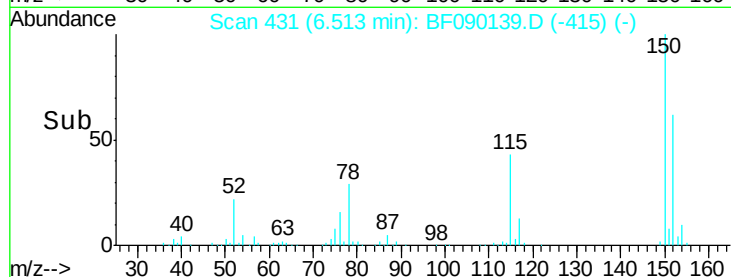
115 69.6 55.5 83.3



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: 113.67 ng

RT: 5.10 min Scan# 307

Delta R.T. 0.02 min

Lab File: BF090139.D

Acq: 20 Sep 2016 17:38

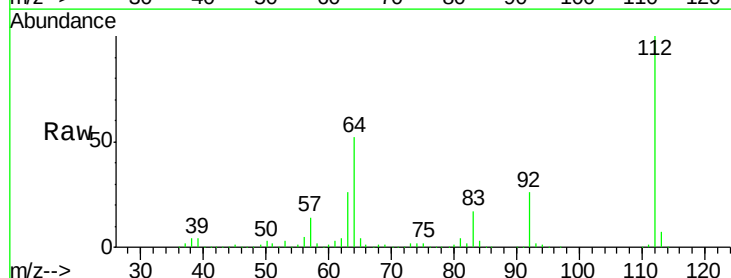
Tgt Ion:112 Resp: 1145415

Ion Ratio Lower Upper

112 100

64 52.2 39.8 59.6

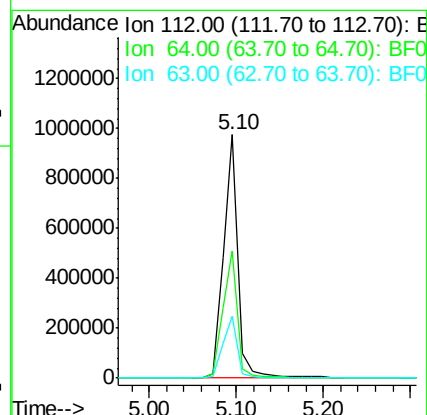
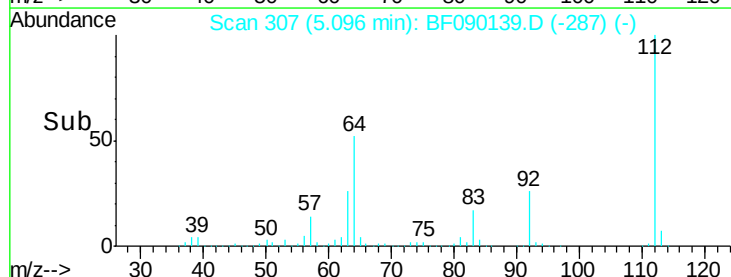
63 25.6 18.9 28.3

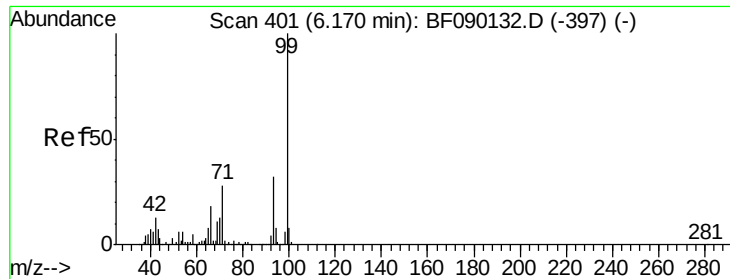


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.66 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090139.D

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PB93481BL

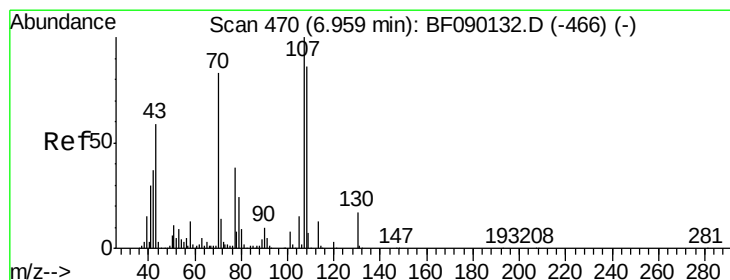
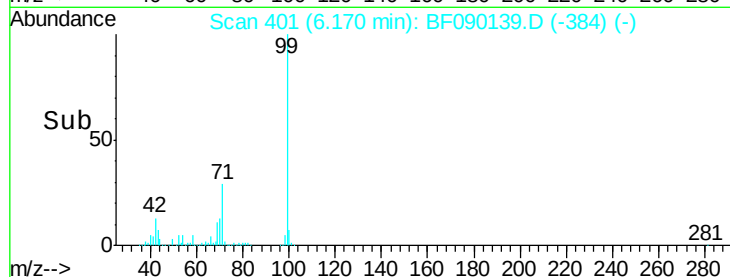
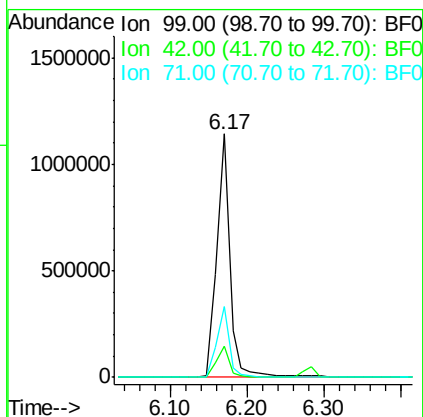
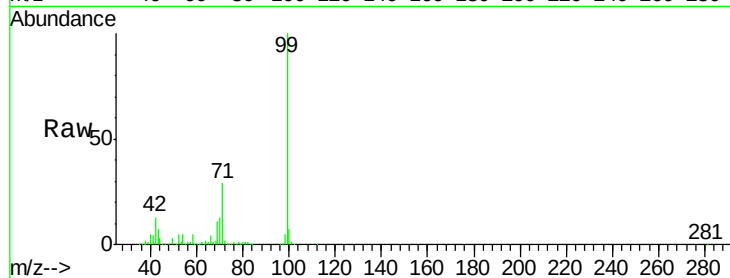
Tgt Ion: 99 Resp: 1377055

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

71 28.9 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.38 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.13 min

Lab File: BF090139.D

Acq: 20 Sep 2016 17:38

Tgt Ion: 70 Resp: 90475

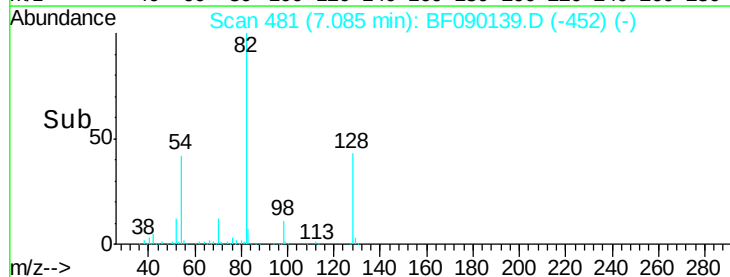
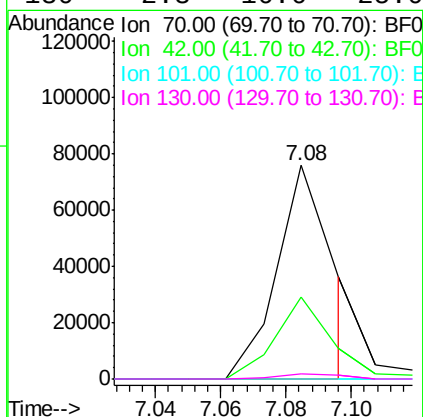
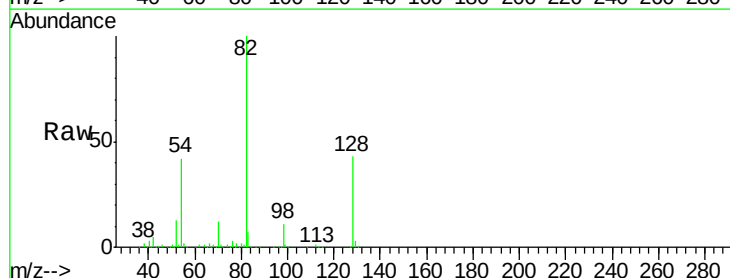
Ion Ratio Lower Upper

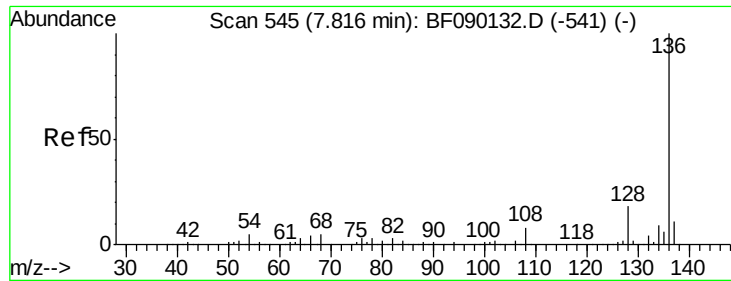
70 100

42 38.5 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#

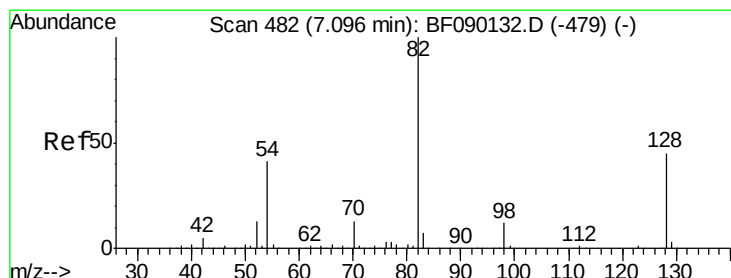
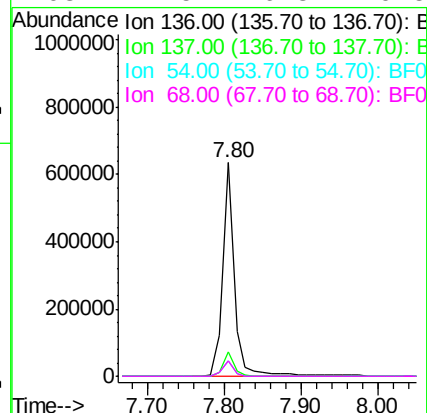
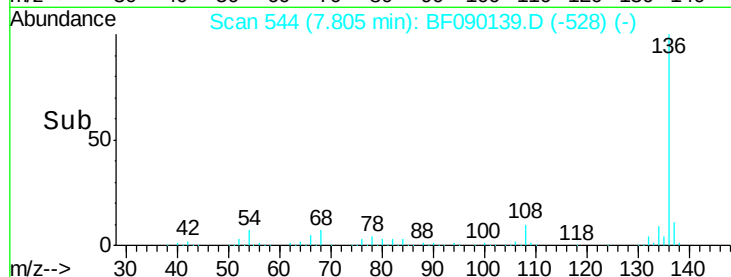
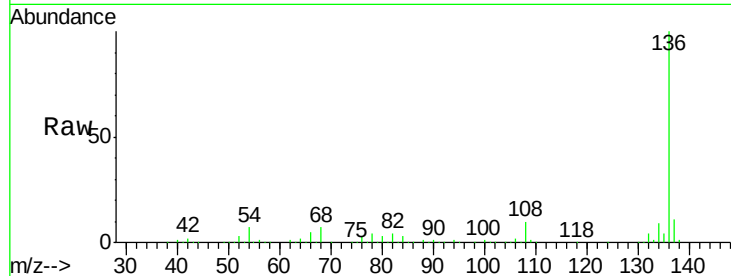




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF090139.D
Acq: 20 Sep 2016 17:38

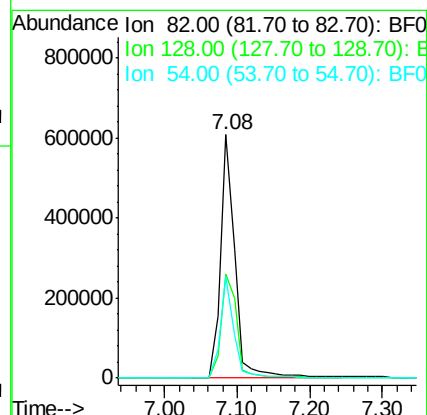
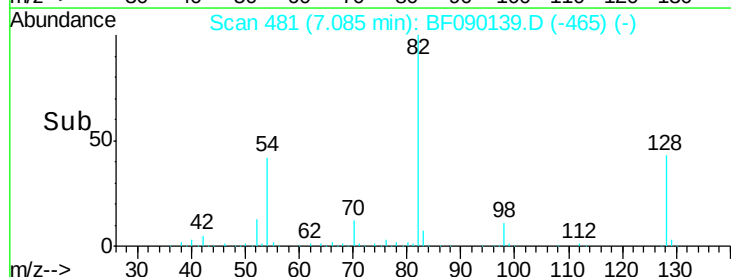
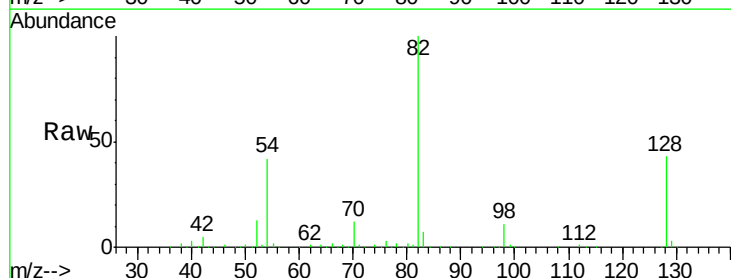
Instrument :
BNA_F
ClientSampleID :
PB93481BL

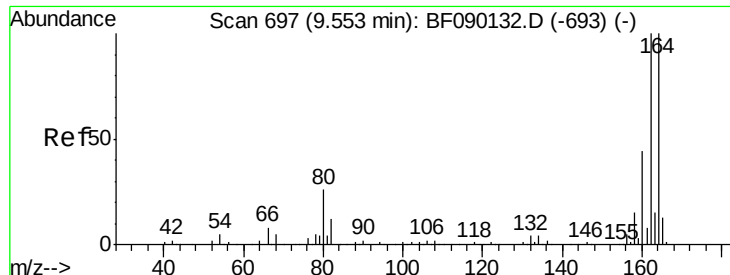
Tgt Ion:	136	Resp:	682688
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.4	6.4	9.6
68	7.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 71.96 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF090139.D
Acq: 20 Sep 2016 17:38

Tgt Ion:	82	Resp:	847516
Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.5	56.3
54	41.6	31.9	47.9

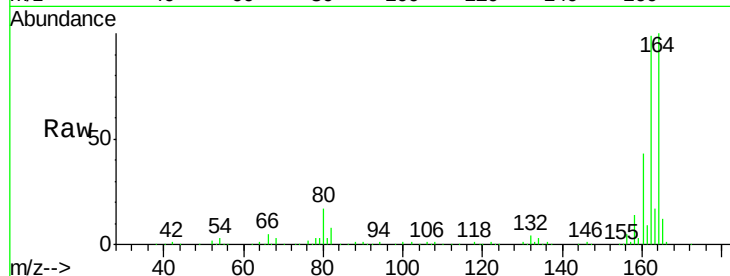




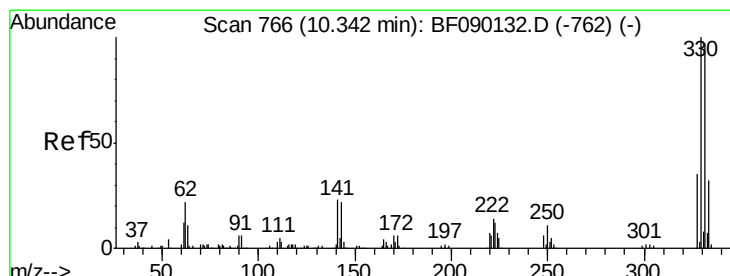
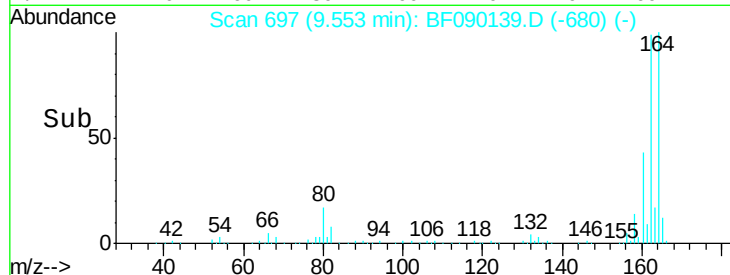
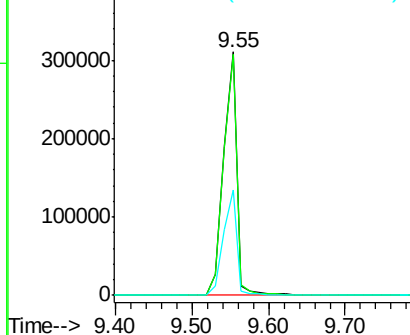
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF090139.D
 Acq: 20 Sep 2016 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BL

Tgt Ion:164 Resp: 383235
 Ion Ratio Lower Upper
 164 100
 162 99.1 81.4 122.2
 160 43.5 36.6 54.8

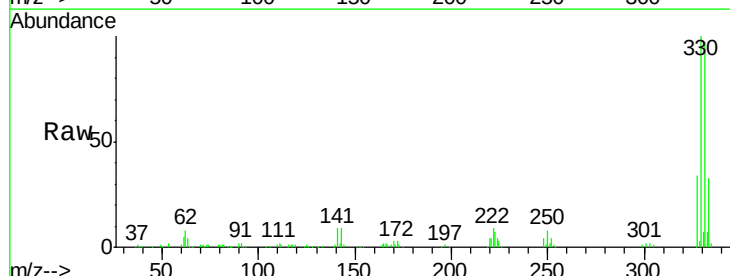


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

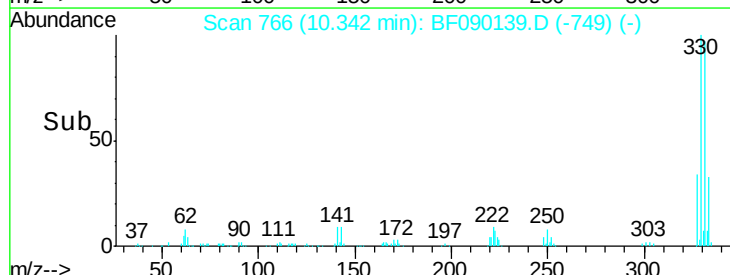
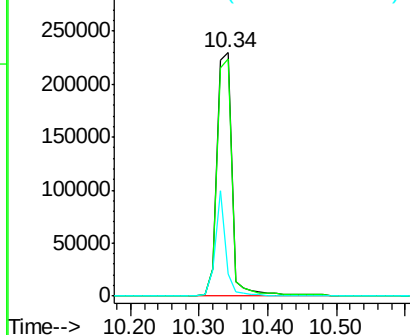


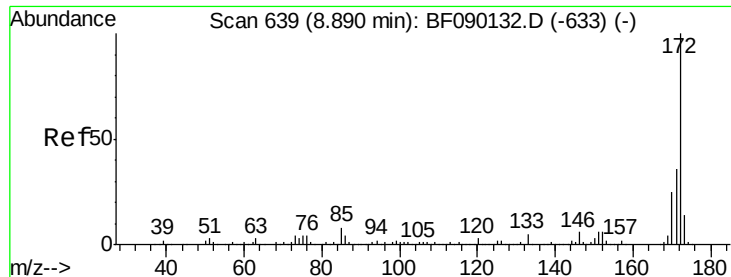
#41
 2,4,6-Tribromophenol
 Concen: 109.57 ng
 RT: 10.34 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF090139.D
 Acq: 20 Sep 2016 17:38

Tgt Ion:330 Resp: 360240
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.1 117.1
 141 30.4 23.9 35.9



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



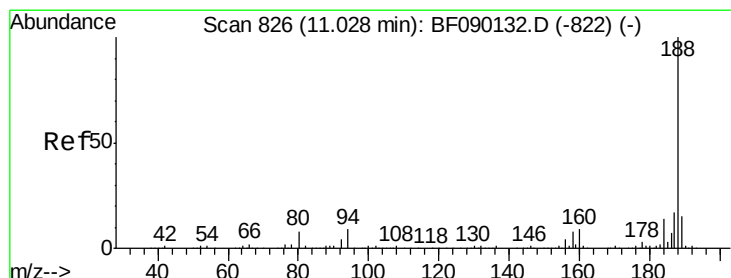
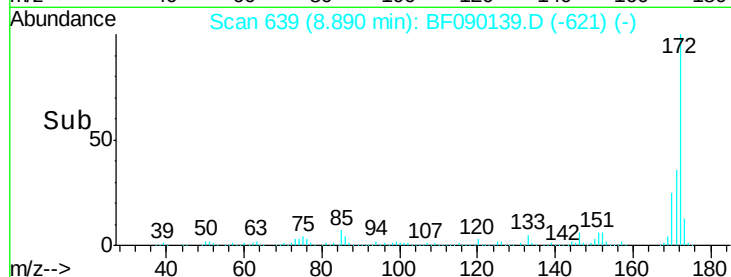
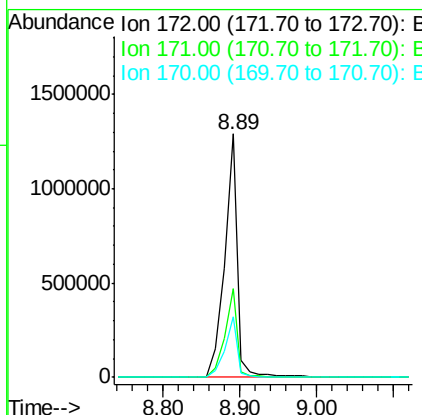
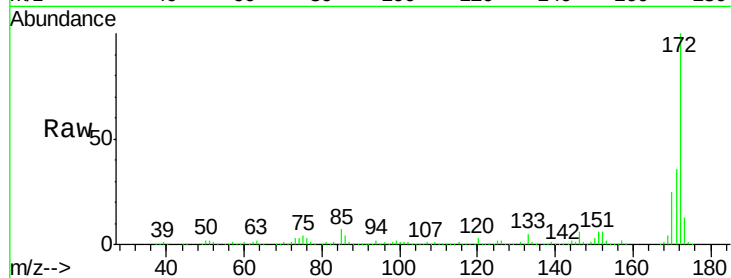


#44
 2-Fluorobiphenyl
 Concen: 78.52 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090139.D
 Acq: 20 Sep 2016 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BL

Tgt Ion:172 Resp: 1532757

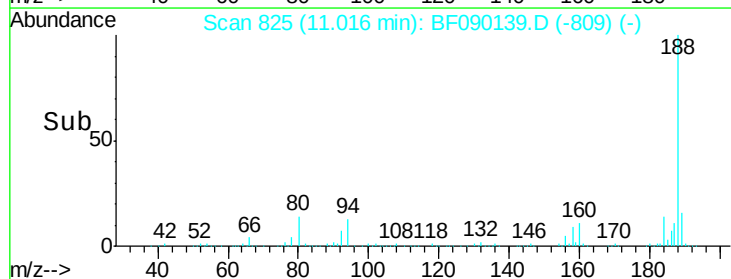
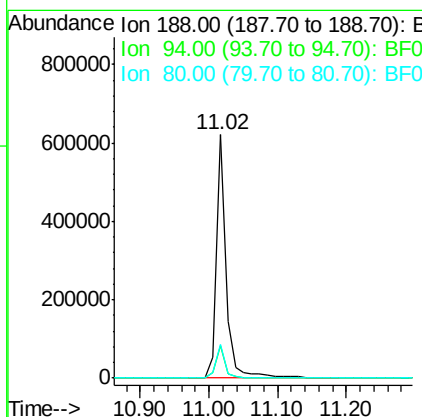
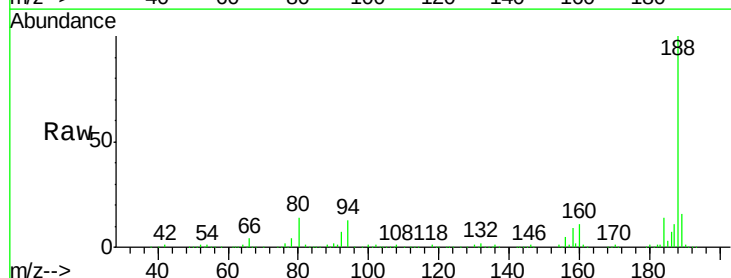
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	25.0	19.8	29.8

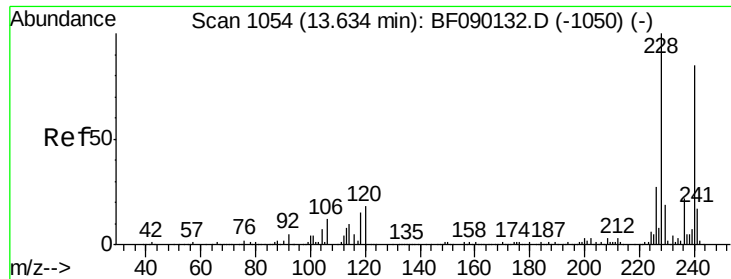


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090139.D
 Acq: 20 Sep 2016 17:38

Tgt Ion:188 Resp: 628985

Ion	Ratio	Lower	Upper
188	100		
94	13.2	10.5	15.7
80	13.7	11.2	16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF090139.D

Acq: 20 Sep 2016 17:38

Instrument :

BNA_F

ClientSampled :

PB93481BL

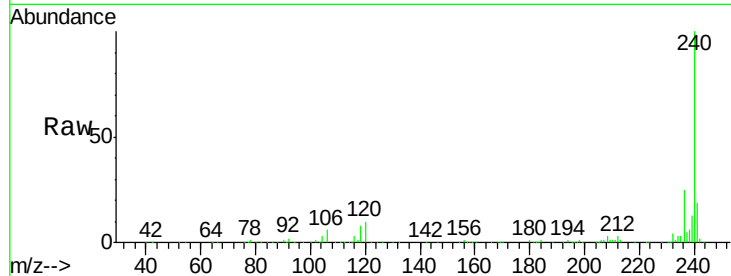
Tgt Ion:240 Resp: 502295

Ion Ratio Lower Upper

240 100

120 9.6 10.6 16.0#

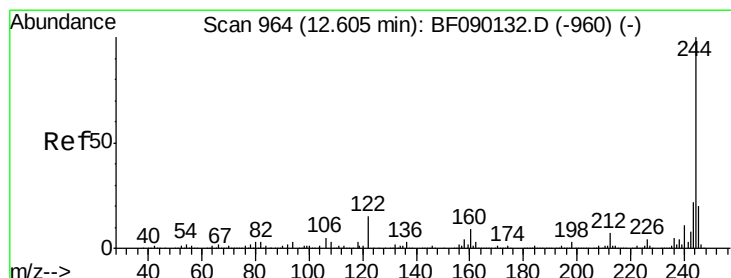
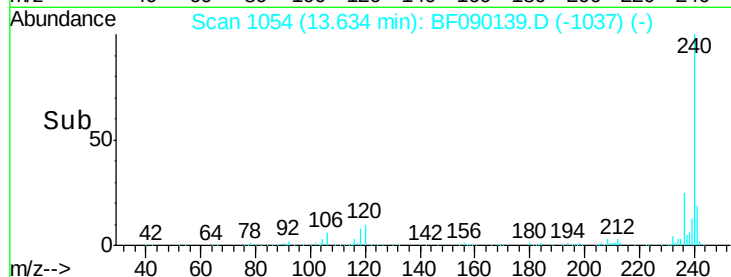
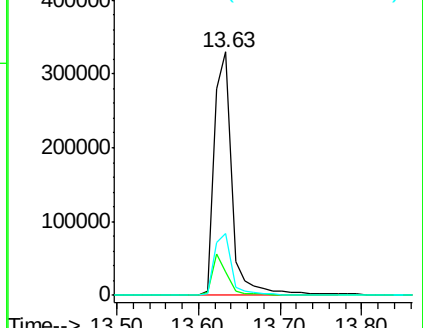
236 25.4 21.6 32.4



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: 61.20 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF090139.D

Acq: 20 Sep 2016 17:38

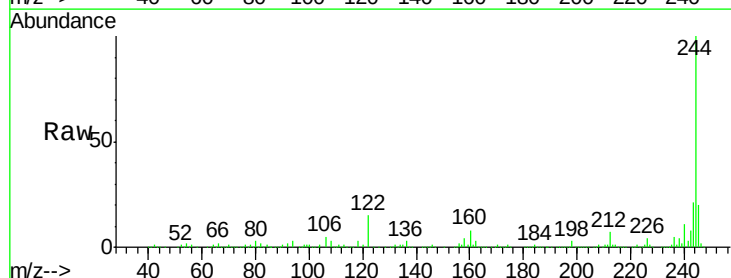
Tgt Ion:244 Resp: 1210710

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

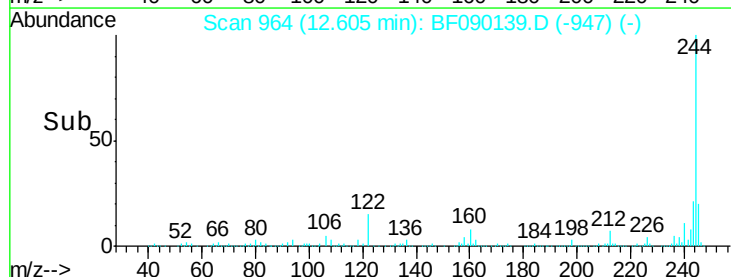
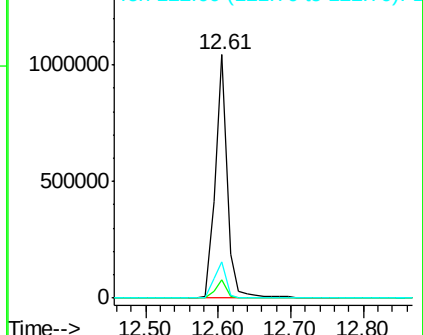
122 14.7 9.4 14.0#

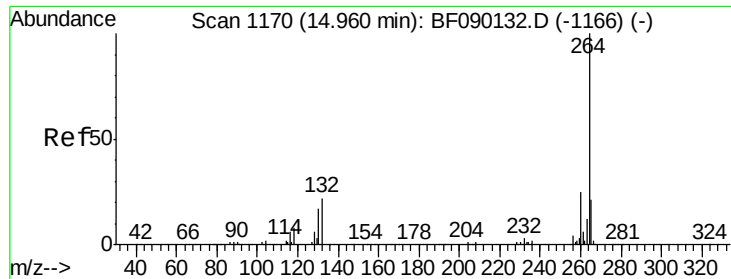


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF090139.D
Acq: 20 Sep 2016 17:38

Instrument :
BNA_F
ClientSampleId :
PB93481BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.2	17.0	25.4

