

Data Path : Z:\HPCHEM1\BNA F\Data\BF092116\
 Data File : BF090159.D
 Acq On : 21 Sep 2016 14:30
 Operator : UM/SJ
 Sample : PB93510BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 15:10:12 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

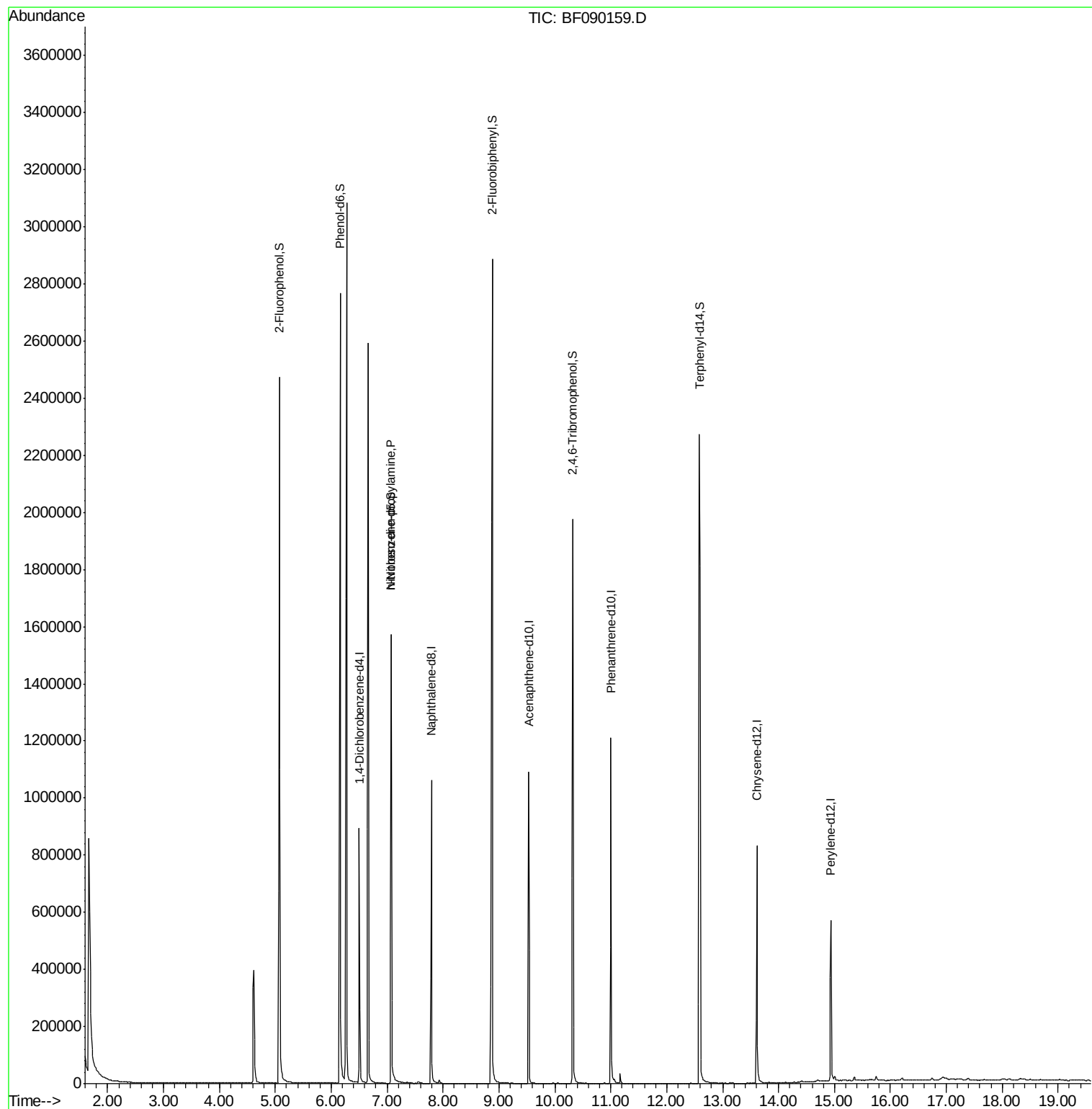
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	153717	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	568821	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	285605	20.00	ng	-0.02
63) Phenanthrene-d10	11.00	188	520122	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	326542	20.00	ng	-0.02
86) Perylene-d12	14.94	264	274048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1019981	108.16	ng	0.00
7) Phenol-d6	6.16	99	1316391	113.03	ng	-0.01
23) Nitrobenzene-d5	7.07	82	663886	67.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	268428	109.55	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1338111	91.98	ng	-0.01
78) Terphenyl-d14	12.58	244	1074793	83.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.07	70	75395	11.02	ng	Qvalue # 78

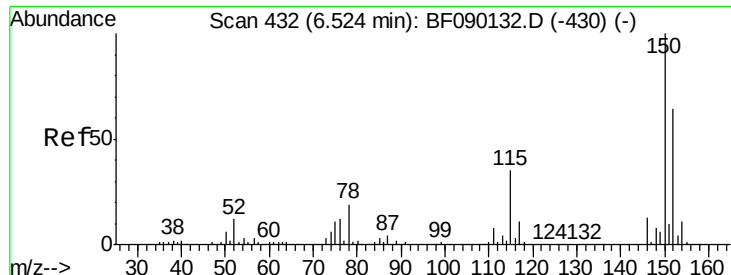
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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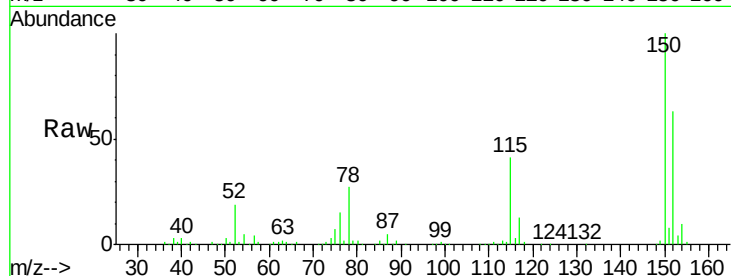


#1

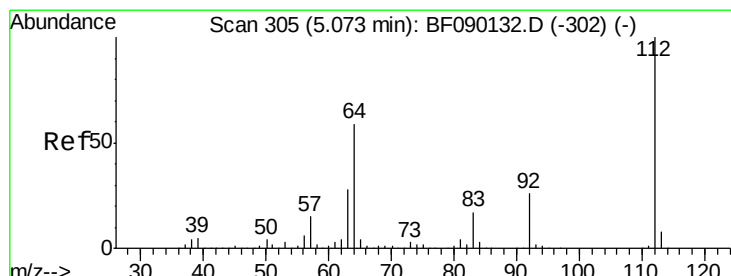
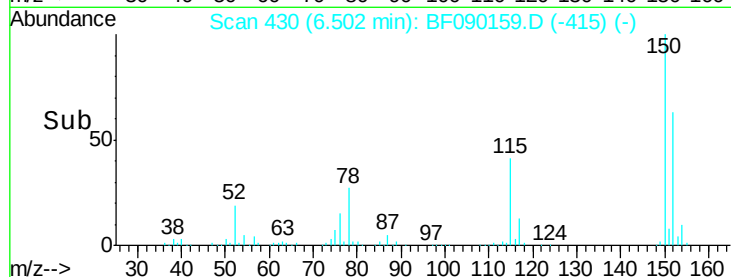
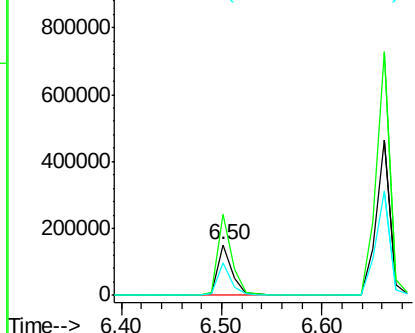
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090159.D
Acq: 21 Sep 2016 14:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.9	193.3
115	64.6	55.5	83.3



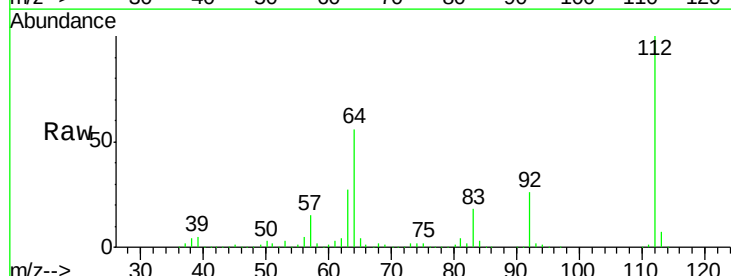
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



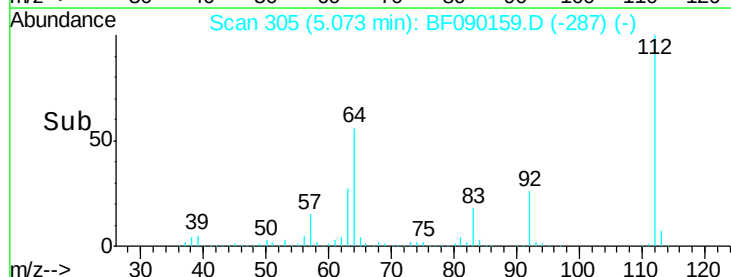
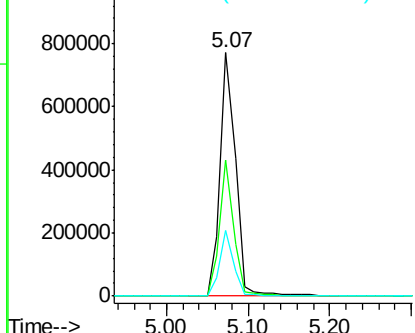
#5

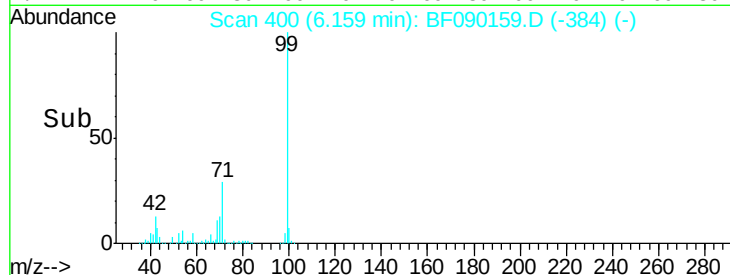
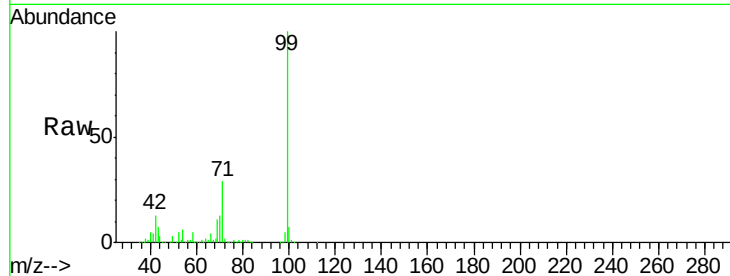
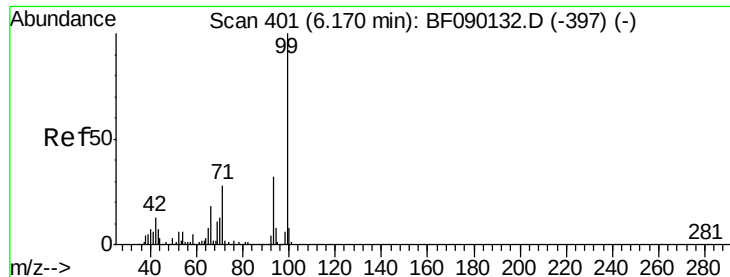
2-Fluorophenol
Concen: 108.16 ng
RT: 5.07 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF090159.D
Acq: 21 Sep 2016 14:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	39.8	59.6
63	26.9	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: 113.03 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090159.D

Acq: 21 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

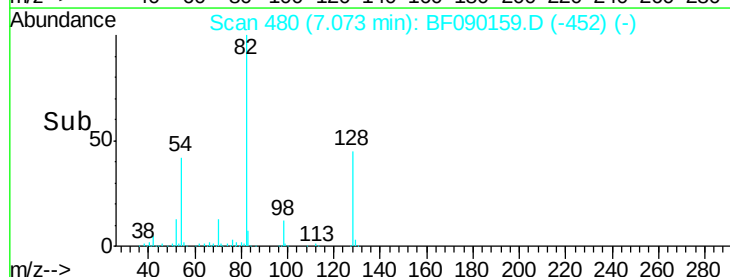
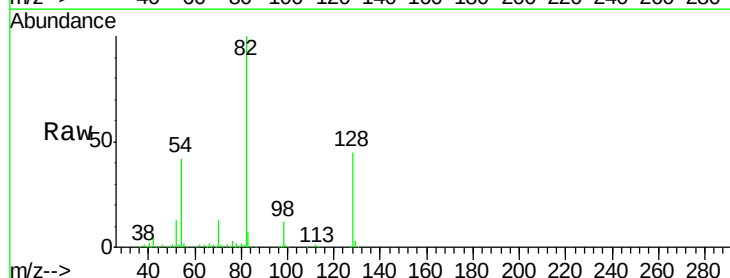
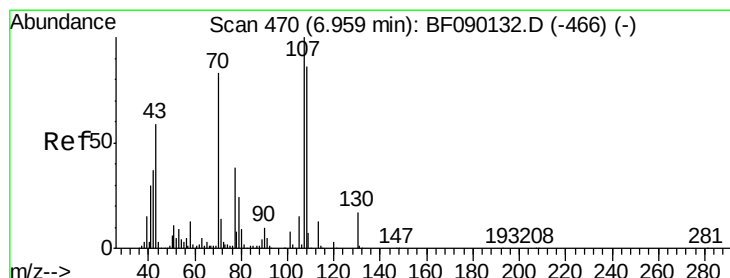
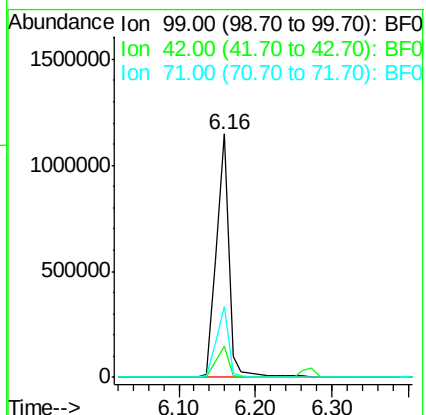
Tot Ion: 99 Resp: 1316391

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

71 29.1 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.02 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.12 min

Lab File: BF090159.D

Acq: 21 Sep 2016 14:30

Tgt Ion: 70 Resp: 75395

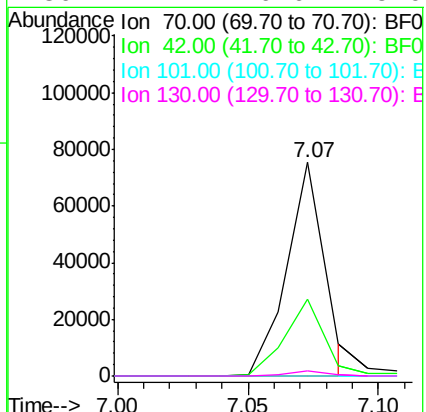
Ion Ratio Lower Upper

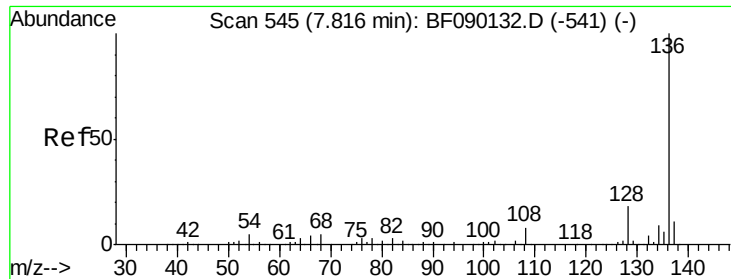
70 100

42 35.7 35.1 52.7

101 0.0 7.5 11.3#

130 2.2 16.6 25.0#

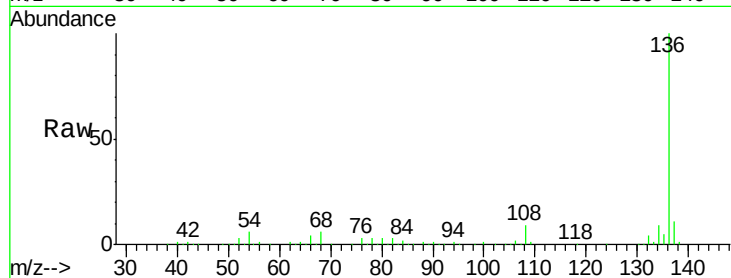




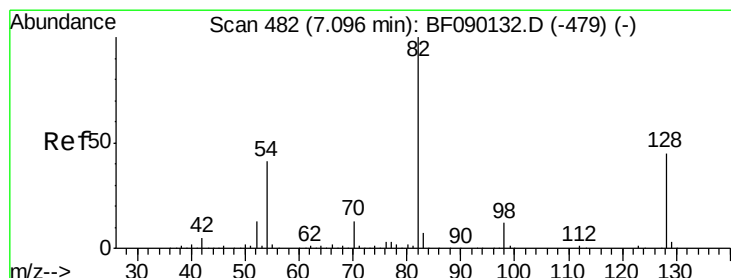
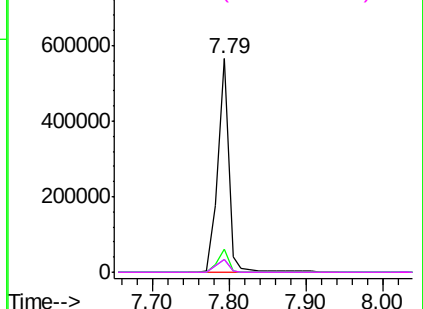
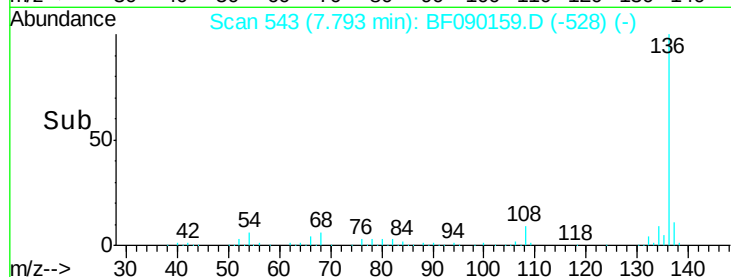
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF090159.D
Acq: 21 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	568821
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.4
54	5.8	6.4 9.6#
68	5.9	6.3 9.5#

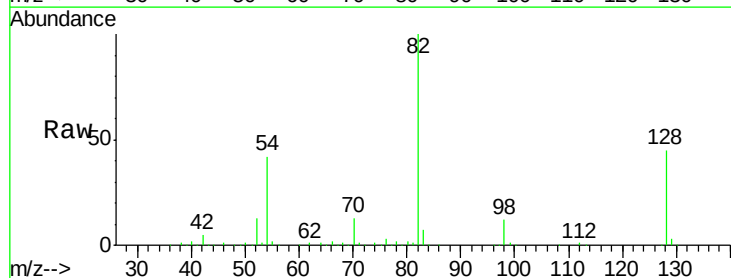


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

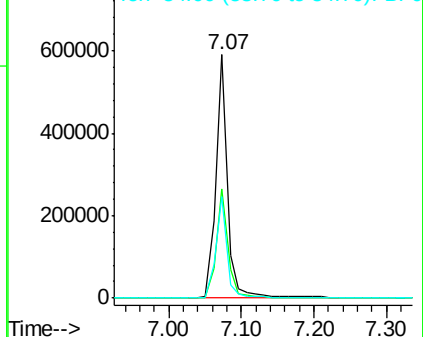
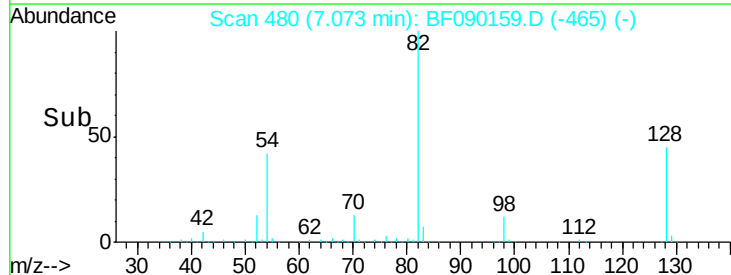


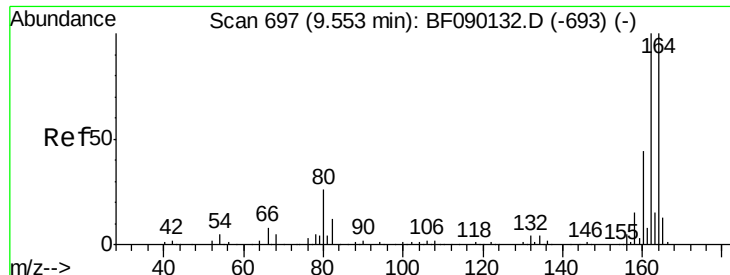
#23
Nitrobenzene-d5
Concen: 67.66 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF090159.D
Acq: 21 Sep 2016 14:30

Tgt Ion: 82	Resp:	663886
Ion Ratio	Lower	Upper
82	100	
128	44.8	37.5 56.3
54	41.6	31.9 47.9



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

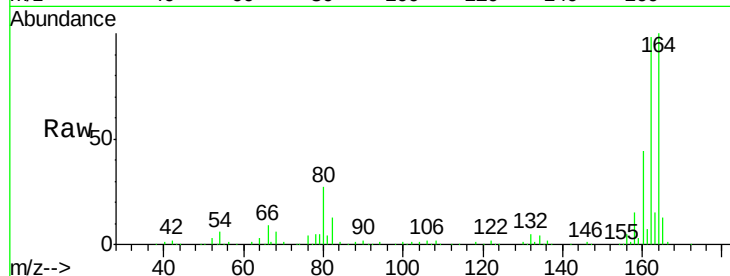




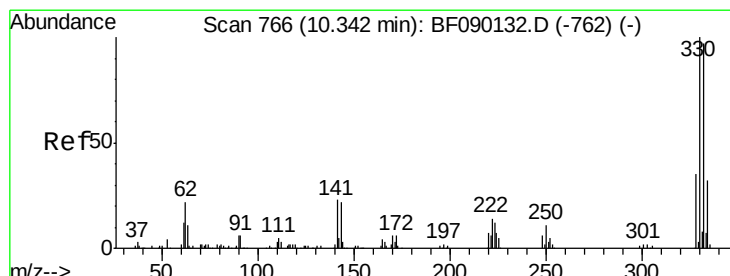
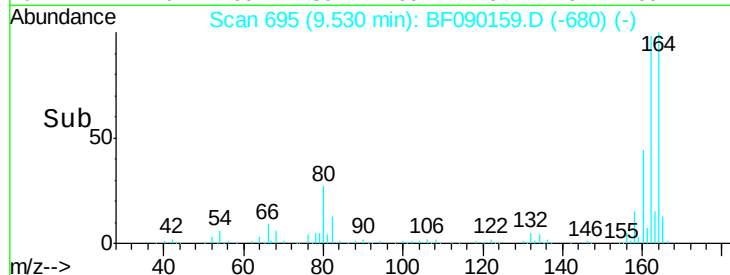
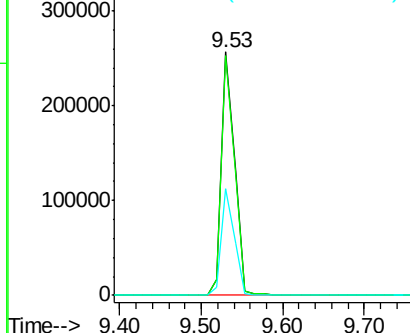
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 285605
 Ion Ratio Lower Upper
 164 100
 162 98.3 81.4 122.2
 160 43.8 36.6 54.8

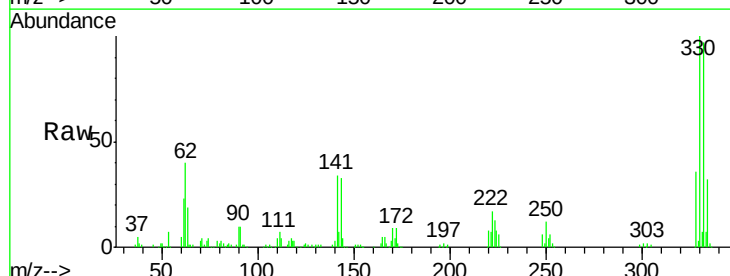


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

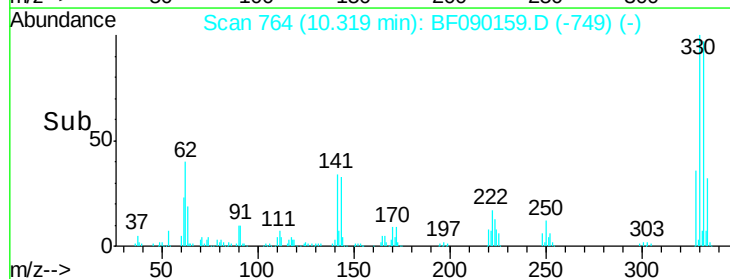
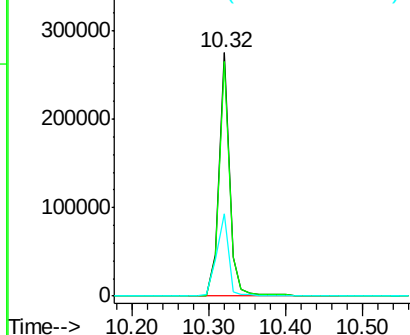


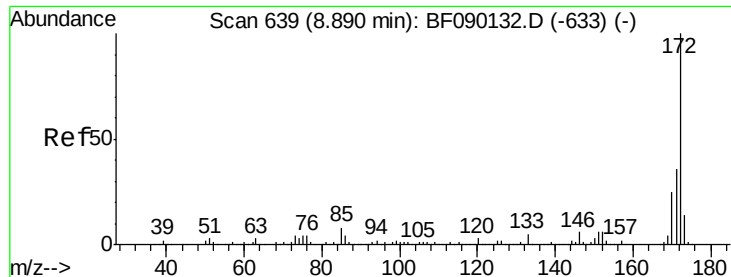
#41
 2,4,6-Tribromophenol
 Concen: 109.55 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Tgt Ion:330 Resp: 268428
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.1 117.1
 141 37.6 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



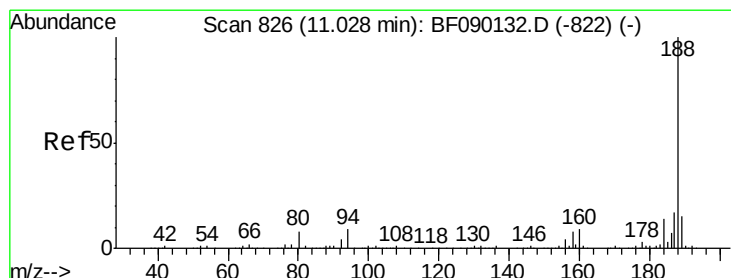
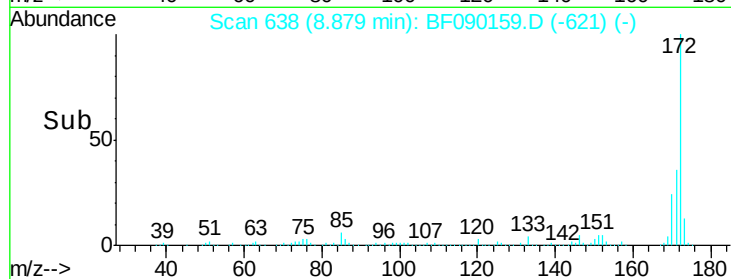
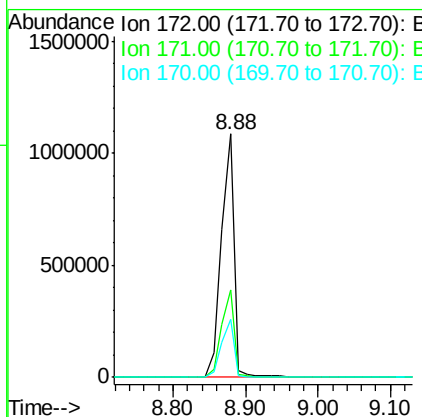
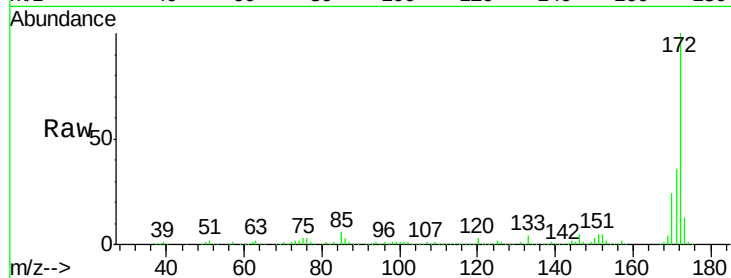


#44
 2-Fluorobiphenyl
 Concen: 91.98 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1338111

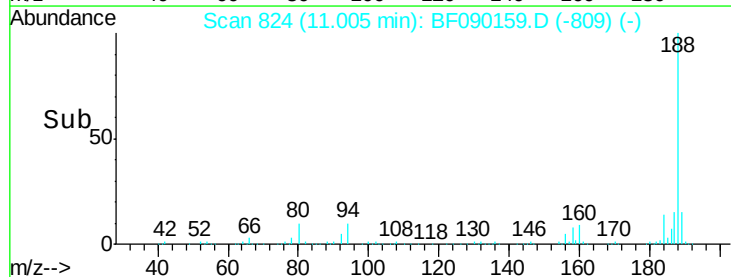
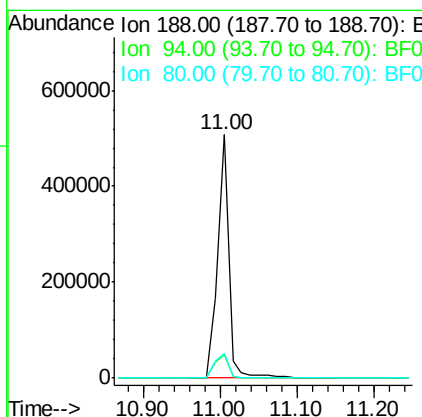
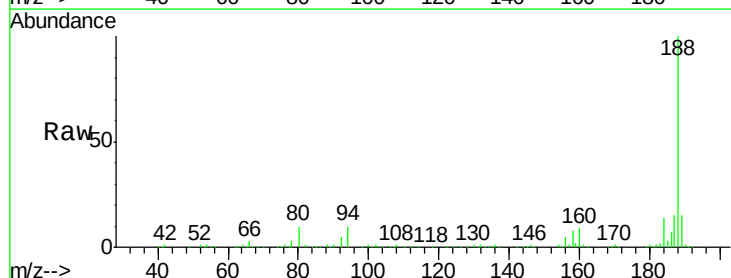
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.1	19.8	29.8

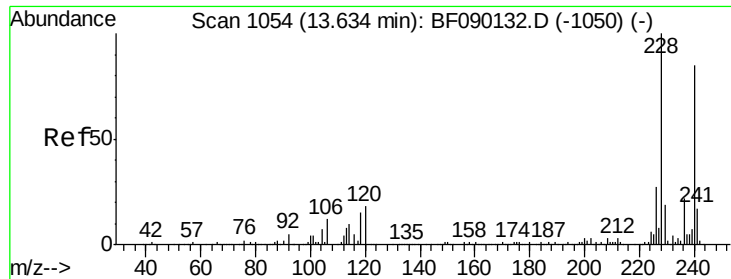


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF090159.D
 Acq: 21 Sep 2016 14:30

Tgt Ion:188 Resp: 520122

Ion	Ratio	Lower	Upper
188	100		
94	9.6	10.5	15.7#
80	10.0	11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF090159.D

Acq: 21 Sep 2016 14:30

Instrument :

BNA_F

ClientSampleId :

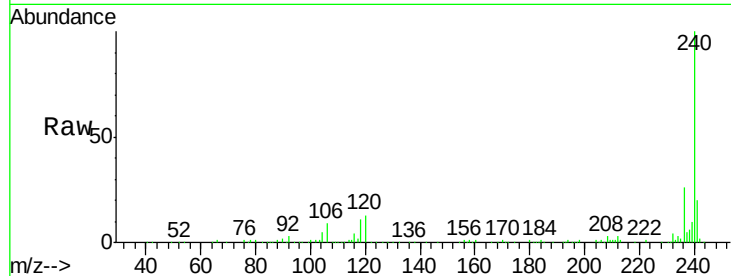
Tot Ion:240 Resp: 326542

Ion Ratio Lower Upper

240 100

120 13.3 10.6 16.0

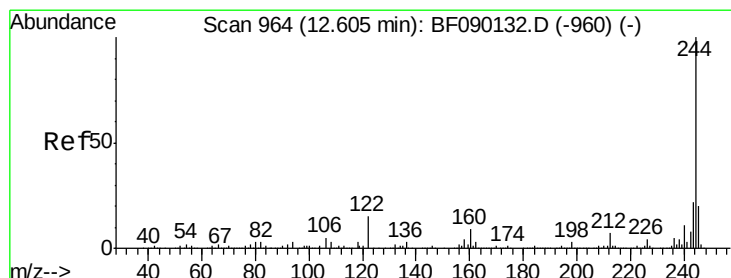
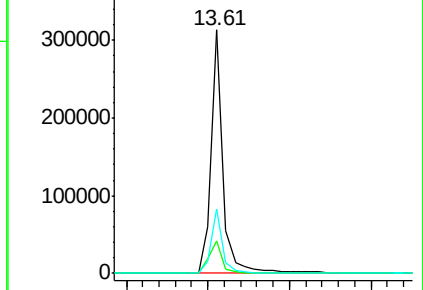
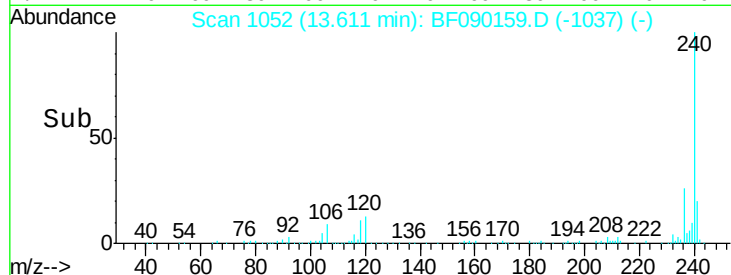
236 26.3 21.6 32.4



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: 83.56 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.02 min

Lab File: BF090159.D

Acq: 21 Sep 2016 14:30

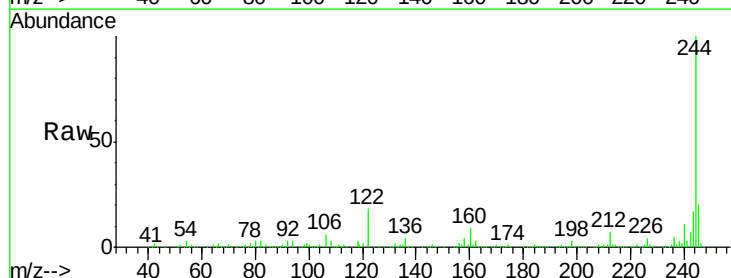
Tgt Ion:244 Resp: 1074793

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

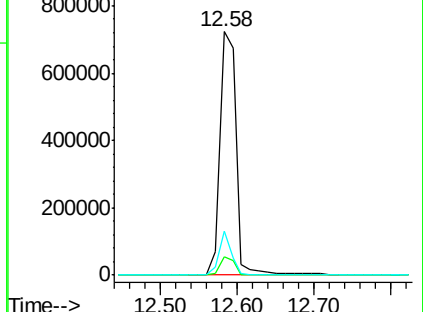
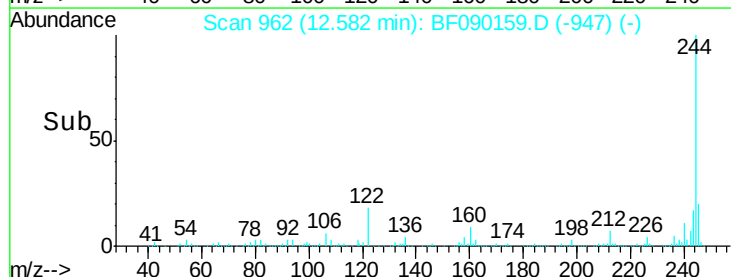
122 18.0 9.4 14.0#

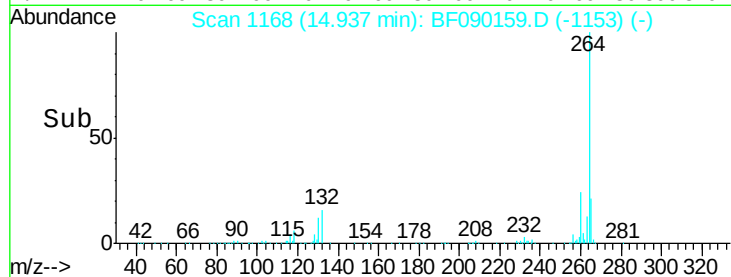
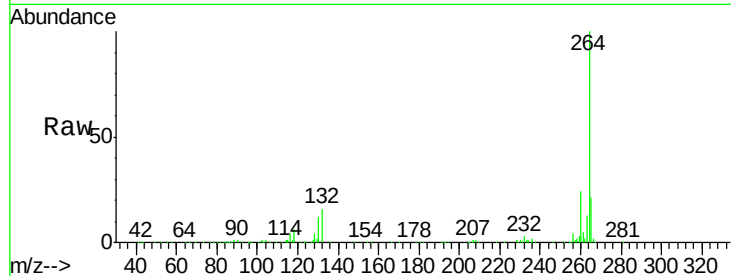
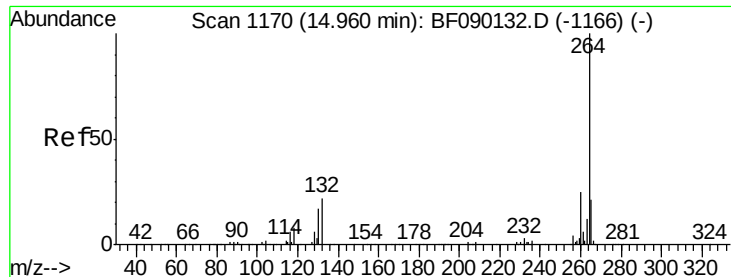


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF090159.D
Acq: 21 Sep 2016 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	274048
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.9	17.0	25.4

