

Data Path : Z:\HPCHEM1\BNA F\Data\BF093016\
 Data File : BF090312.D
 Acq On : 30 Sep 2016 13:22
 Operator : UM/SJ
 Sample : H5021-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

Quant Time: Sep 30 14:37:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

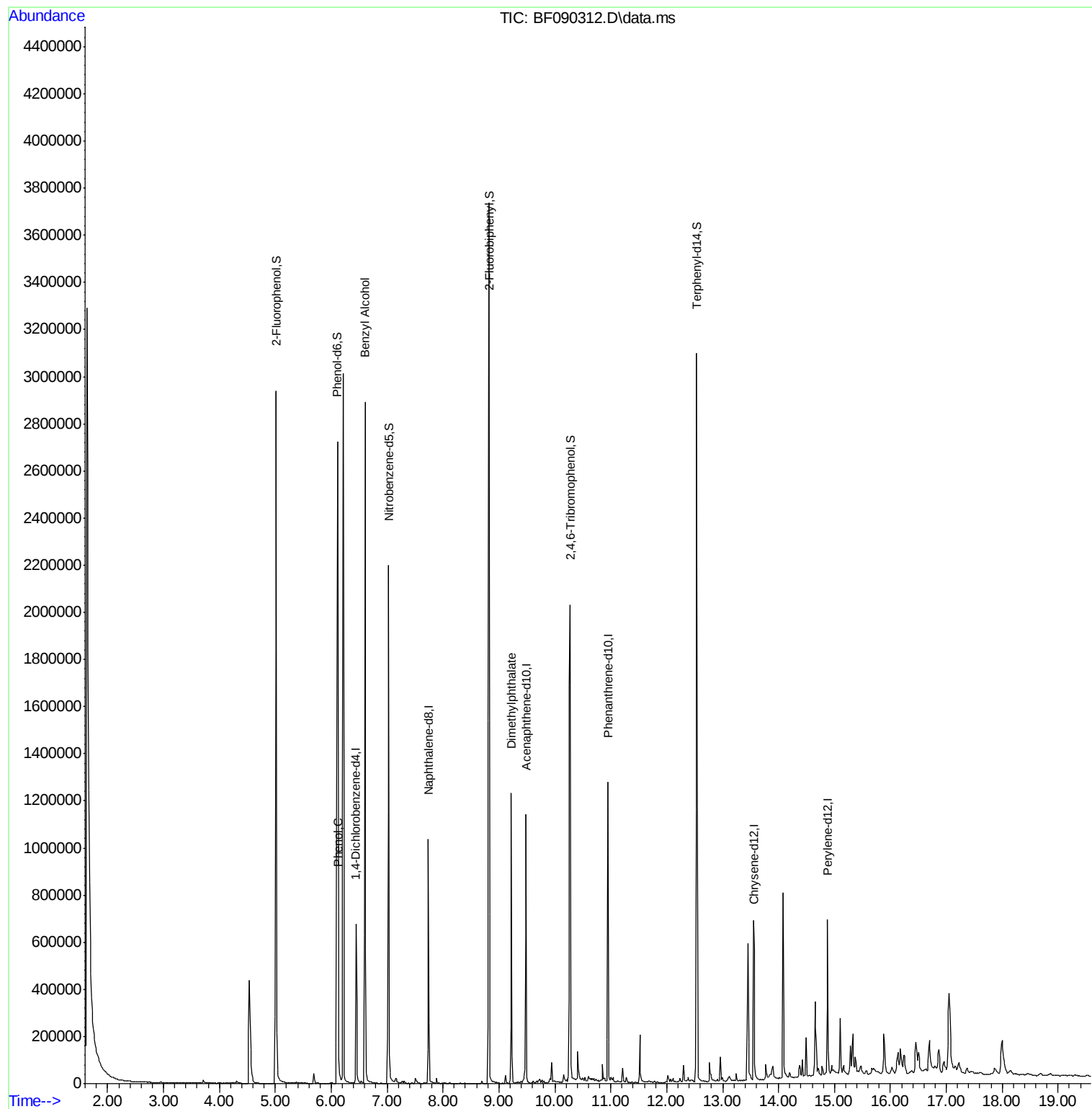
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.444	152	131170	20.00	ng	-0.03
21) Naphthalene-d8	7.736	136	526231	20.00	ng	-0.03
38) Acenaphthene-d10	9.485	164	313694	20.00	ng	-0.02
63) Phenanthrene-d10	10.948	188	452965	20.00	ng	-0.03
75) Chrysene-d12	13.565	240	343272	20.00	ng	-0.03
86) Perylene-d12	14.879	264	275596	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1177784	146.36	ng	-0.01
7) Phenol-d6	6.113	99	1474669	148.38	ng	-0.02
23) Nitrobenzene-d5	7.027	82	978259	107.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.273	330	409919	152.32	ng	-0.02
44) 2-Fluorobiphenyl	8.822	172	1497282	93.70	ng	-0.03
78) Terphenyl-d14	12.536	244	1290729	95.46	ng	-0.02
Target Compounds						
10) Phenol	6.124	94	38774	3.30	ng	Qvalue 78
15) Benzyl Alcohol	6.604	79	14858	2.51	ng	# 52
49) Dimethylphthalate	9.222	163	515948	25.82	ng	99

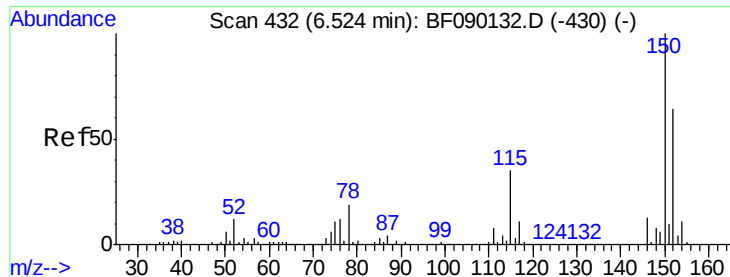
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.444 min Scan# 42

Delta R.T. -0.034 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

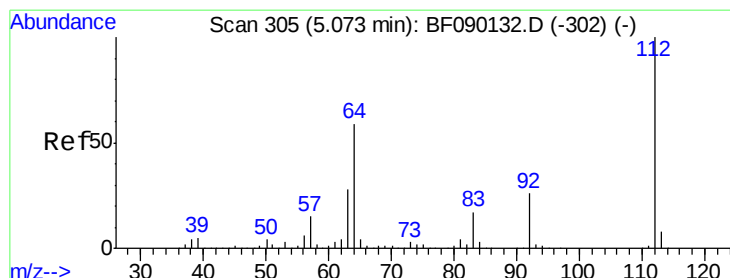
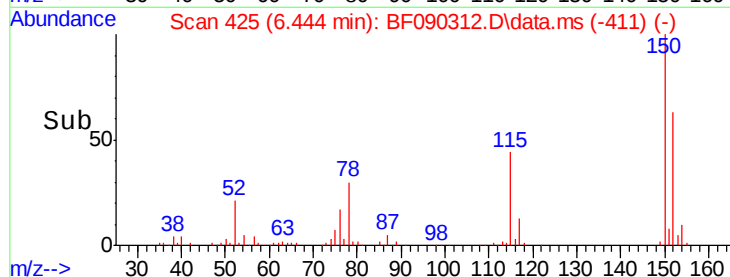
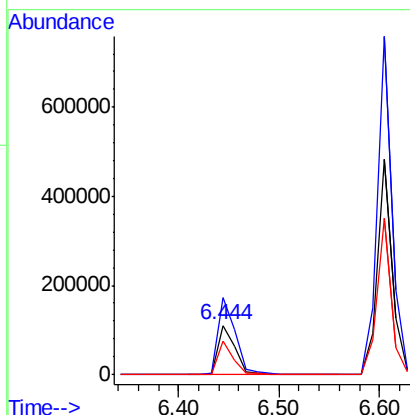
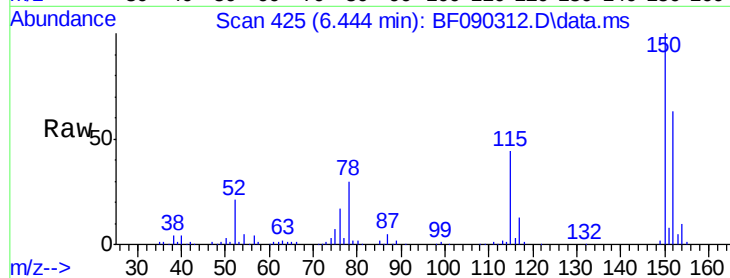
Tot Ion:152 Resp: 131170

Ion Ratio Lower Upper

152 100

150 158.7 128.9 193.3

115 69.2 55.5 83.3



#5

2-Fluorophenol

Concen: 146.36 ng

RT: 5.016 min Scan# 300

Delta R.T. -0.012 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

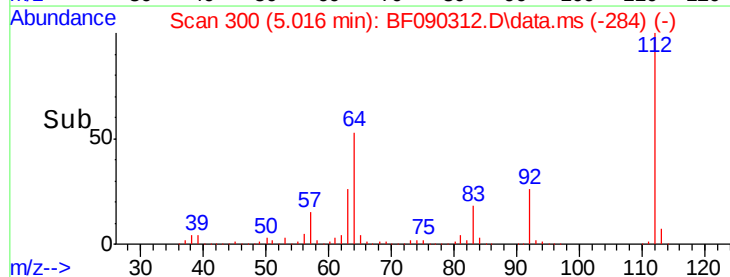
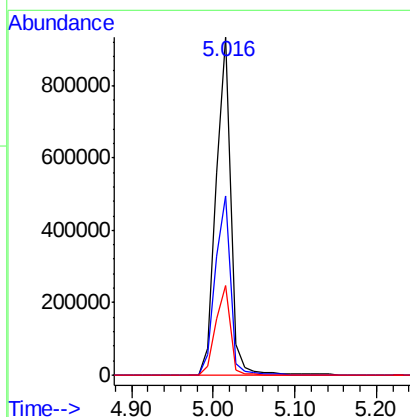
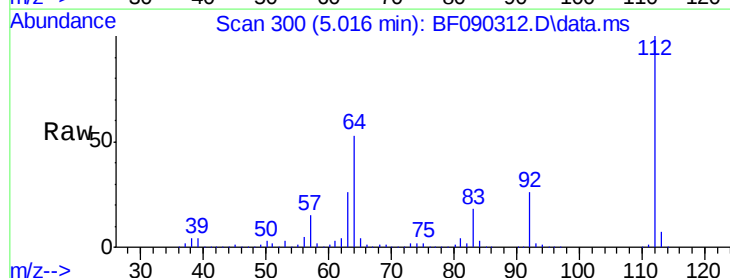
Tgt Ion:112 Resp: 1177784

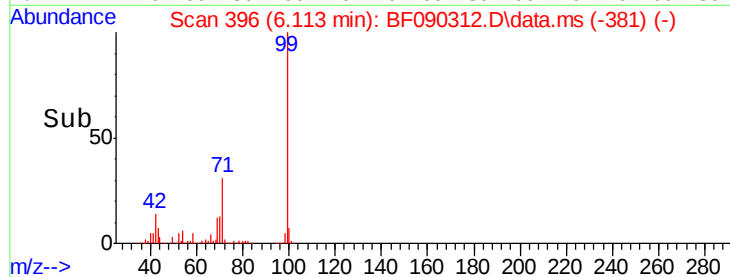
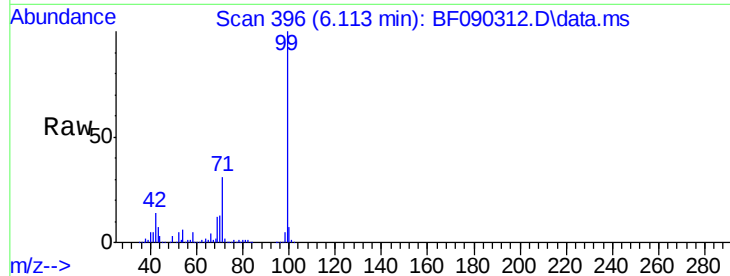
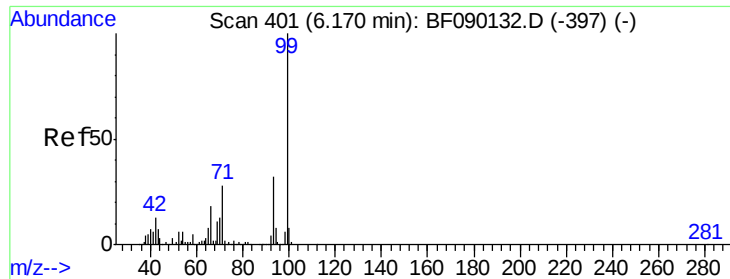
Ion Ratio Lower Upper

112 100

64 53.2 39.8 59.6

63 26.5 18.9 28.3





#7

Phenol-d6

Concen: 148.38 ng

RT: 6.113 min Scan# 397

Delta R.T. -0.023 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

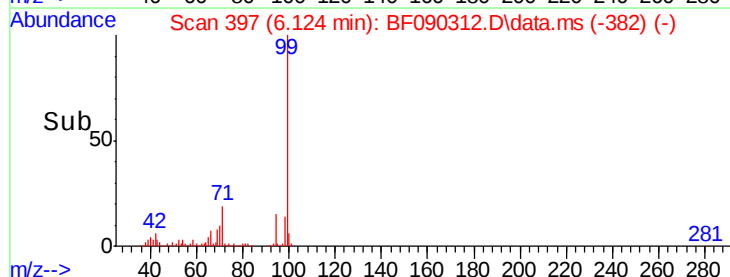
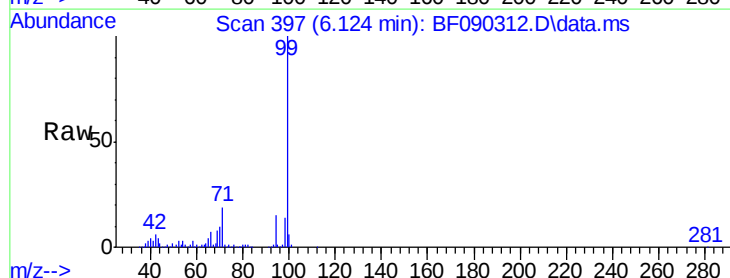
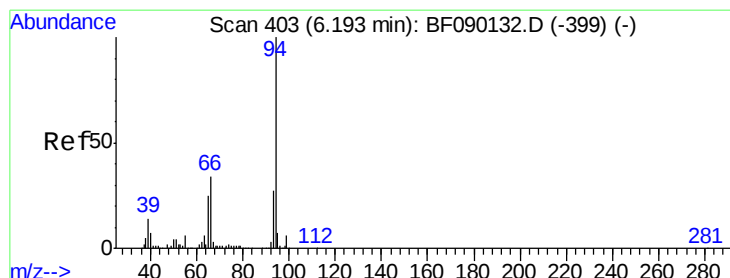
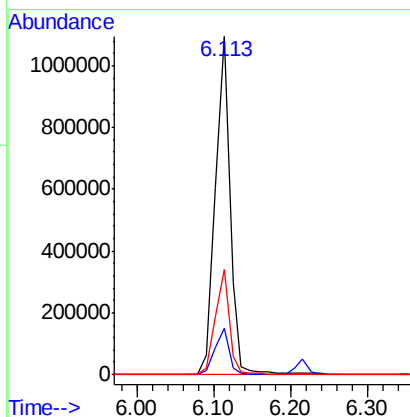
Tot Ion: 99 Resp: 1474669

Ion Ratio Lower Upper

99 100

42 13.5 10.6 15.8

71 31.0 23.0 34.6



#10

Phenol

Concen: 3.30 ng

RT: 6.124 min Scan# 397

Delta R.T. -0.023 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

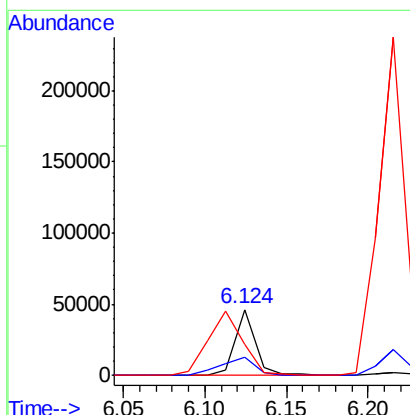
Tgt Ion: 94 Resp: 38774

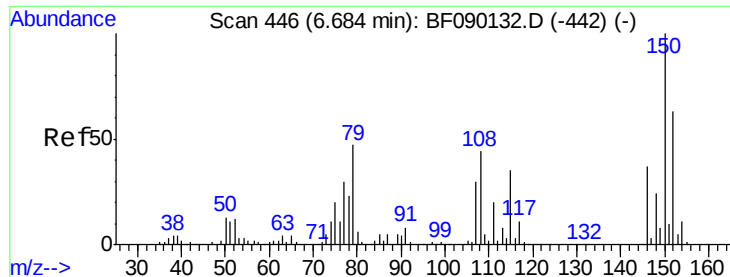
Ion Ratio Lower Upper

94 100

65 28.3 20.6 60.6

66 46.9 45.1 85.1





#15

Benzyl Alcohol

Concen: 2.51 ng

RT: 6.604 min Scan# 43

Delta R.T. -0.034 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

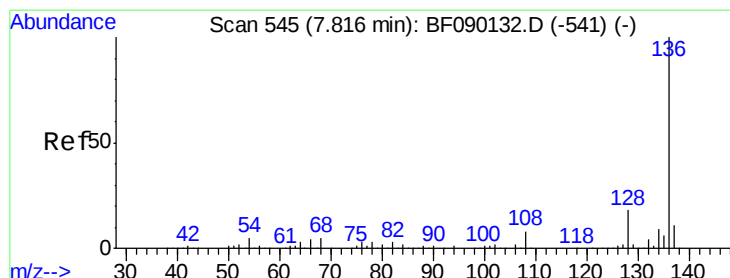
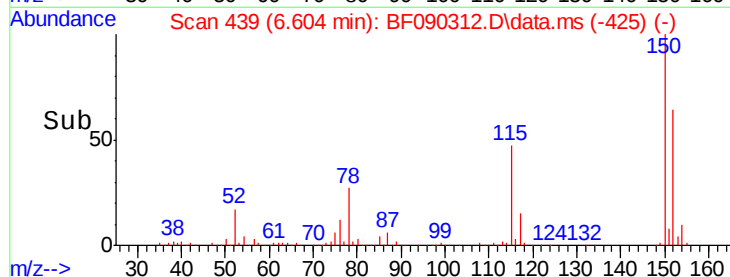
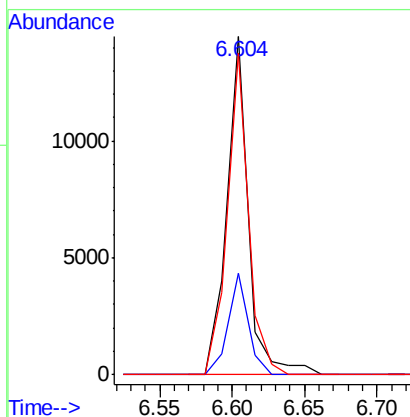
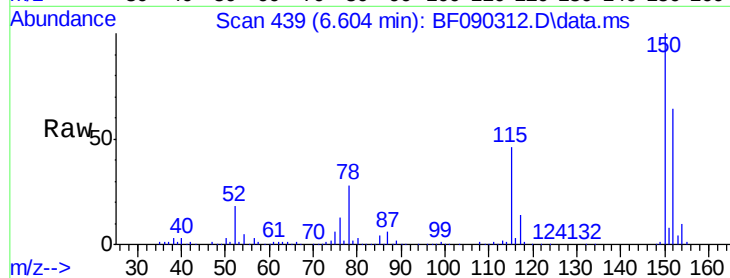
Tot Ion: 79 Resp: 14858

Ion Ratio Lower Upper

79 100

108 29.9 62.2 93.4#

77 95.1 51.4 77.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.736 min Scan# 538

Delta R.T. -0.034 min

Lab File: BF090312.D

Acq: 30 Sep 2016 13:22

Tgt Ion: 136 Resp: 526231

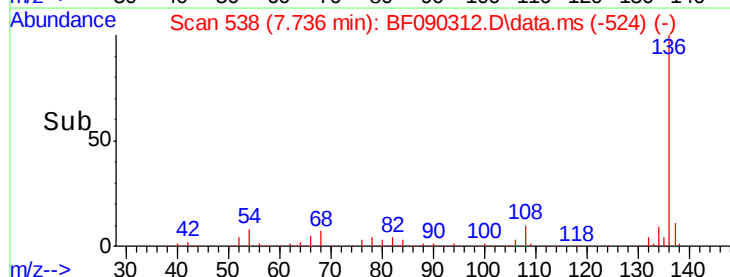
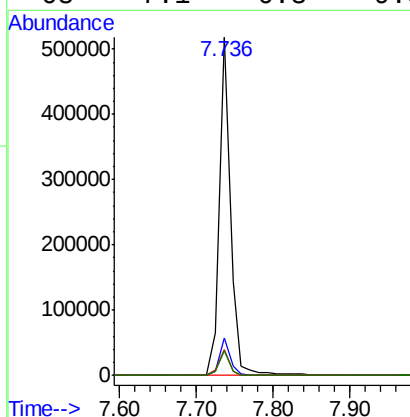
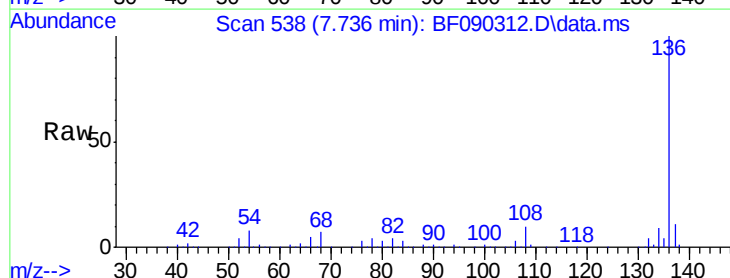
Ion Ratio Lower Upper

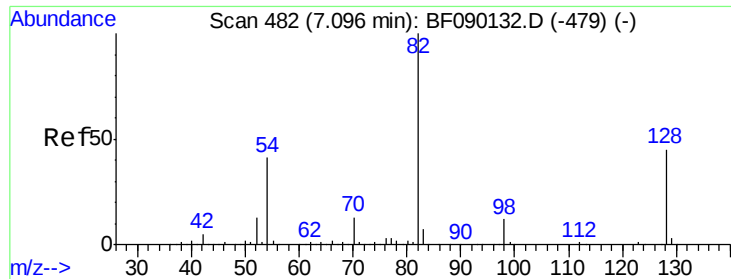
136 100

137 11.1 9.0 13.4

54 7.7 6.4 9.6

68 7.1 6.3 9.5

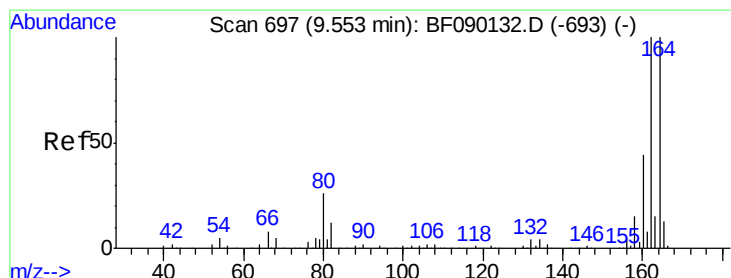
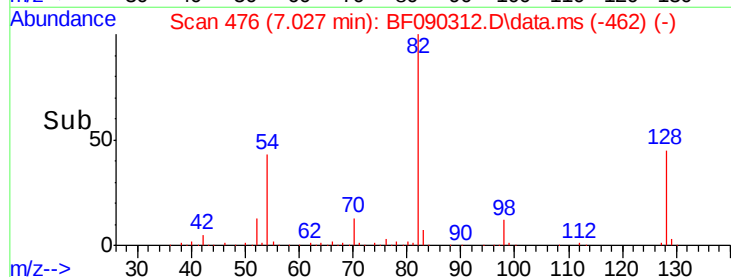
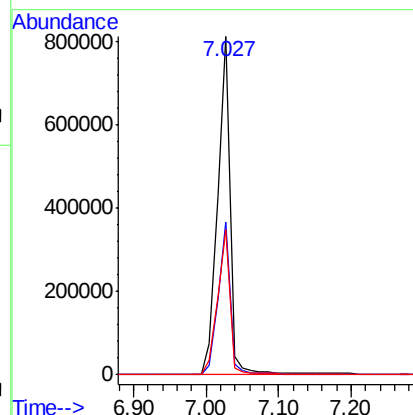
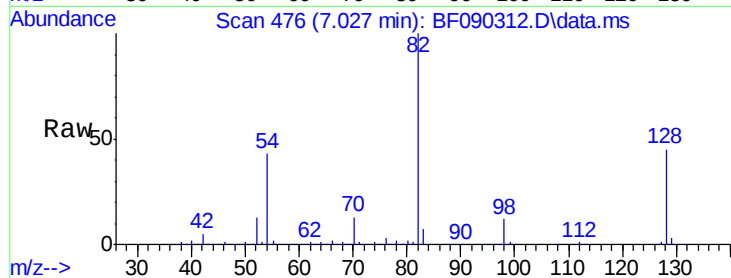




#23
Nitrobenzene-d5
Concen: 107.76 ng
RT: 7.027 min Scan# 47
Delta R.T. -0.034 min
Lab File: BF090312.D
Acq: 30 Sep 2016 13:22

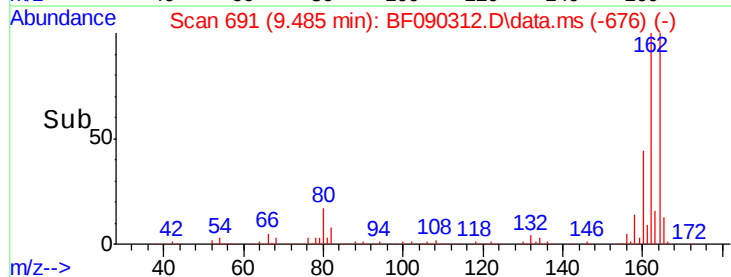
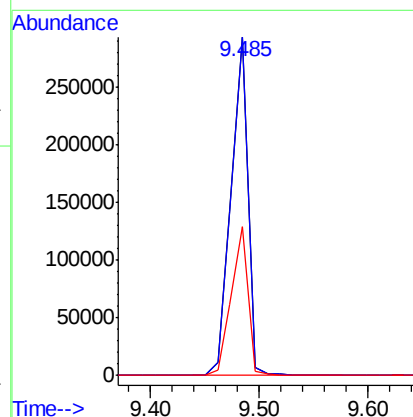
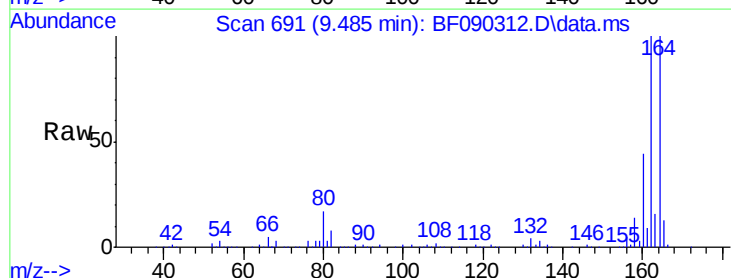
Instrument :
BNA_F
ClientSampleId :
MSP-BPM

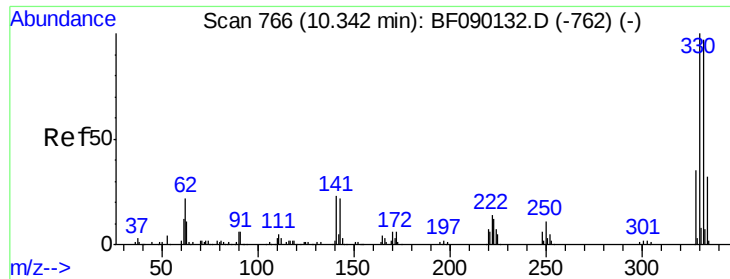
Tot Ion	82	Ratio	100	Resp	978259
Ion	82	100		Lower	Upper
	128	45.1		37.5	56.3
	54	42.7		31.9	47.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.485 min Scan# 691
Delta R.T. -0.023 min
Lab File: BF090312.D
Acq: 30 Sep 2016 13:22

Tgt Ion	164	Ratio	100	Resp	313694
Ion	164	100		Lower	Upper
	162	99.9		81.4	122.2
	160	44.1		36.6	54.8

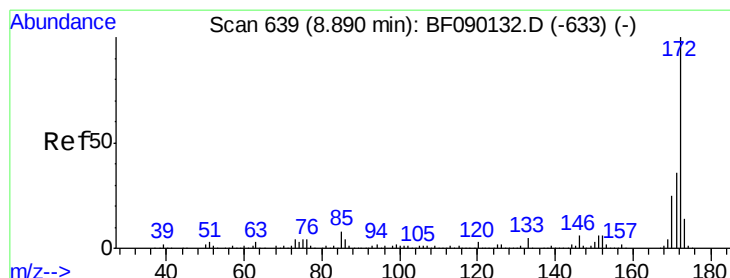
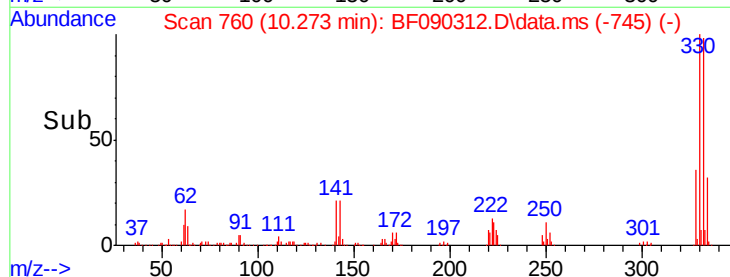
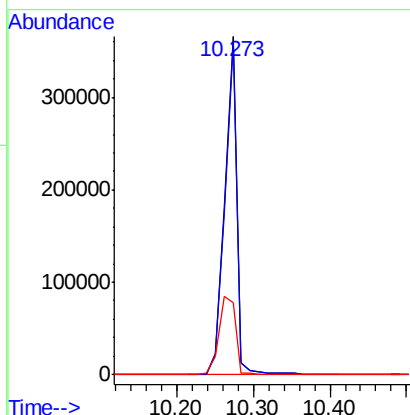
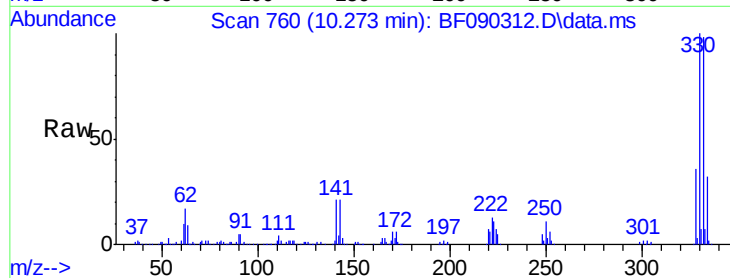




#41
 2,4,6-Tribromophenol
 Concen: 152.32 ng
 RT: 10.273 min Scan# 766
 Delta R.T. -0.023 min
 Lab File: BF090312.D
 Acq: 30 Sep 2016 13:22

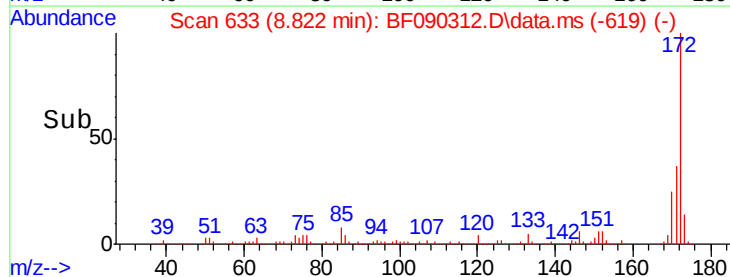
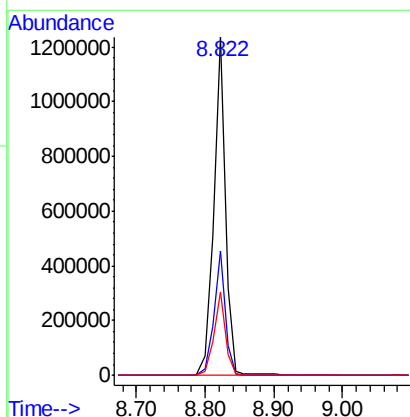
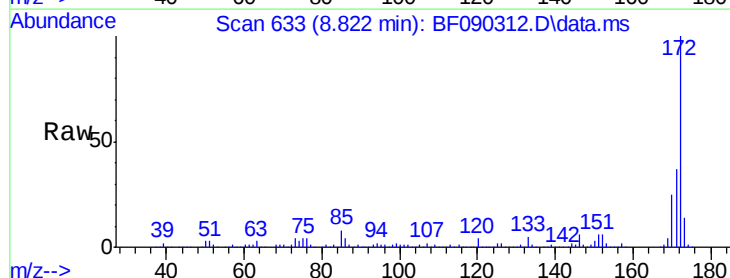
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

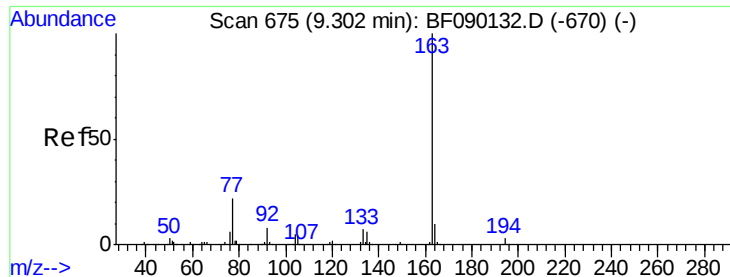
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.1	117.1
141	31.7	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 93.70 ng
 RT: 8.822 min Scan# 633
 Delta R.T. -0.034 min
 Lab File: BF090312.D
 Acq: 30 Sep 2016 13:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	24.7	19.8	29.8

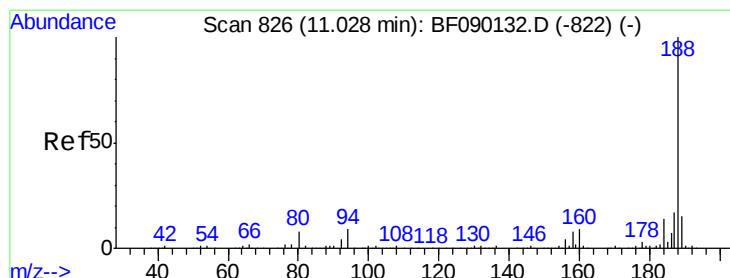
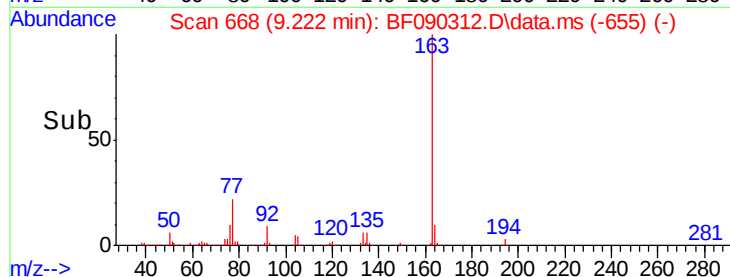
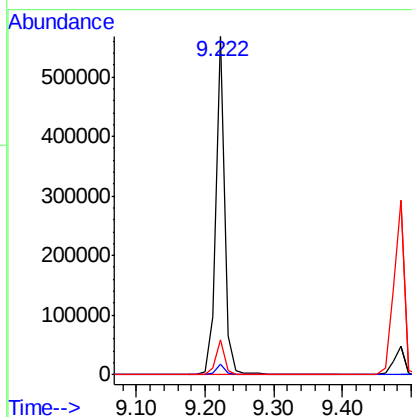
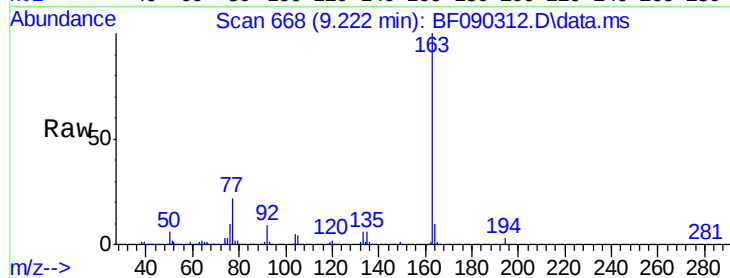




#49
Dimethylphthalate
Concen: 25.82 ng
RT: 9.222 min Scan# 66
Delta R.T. -0.046 min
Lab File: BF090312.D
Acq: 30 Sep 2016 13:22

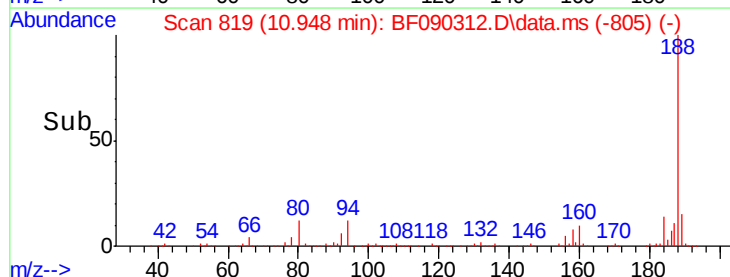
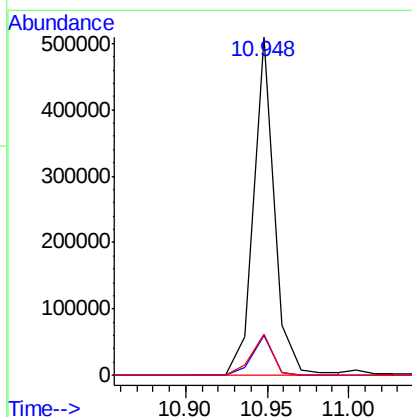
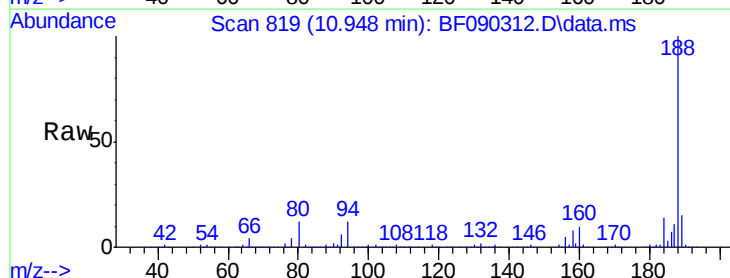
Instrument :
BNA_F
ClientSampleId :
MSP-BPM

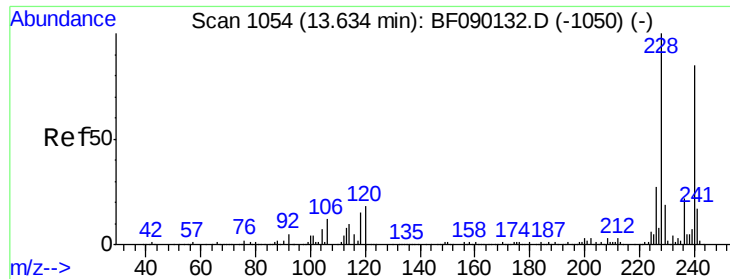
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.4	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.948 min Scan# 819
Delta R.T. -0.034 min
Lab File: BF090312.D
Acq: 30 Sep 2016 13:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.5	15.7
80	12.3	11.2	16.8

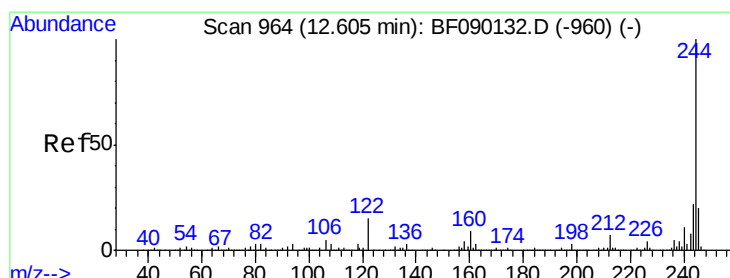
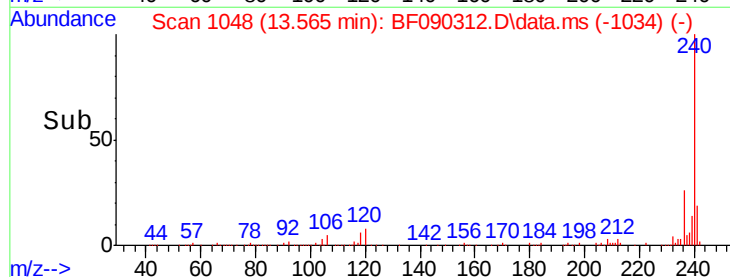
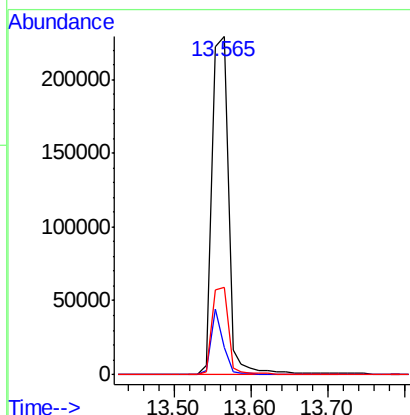
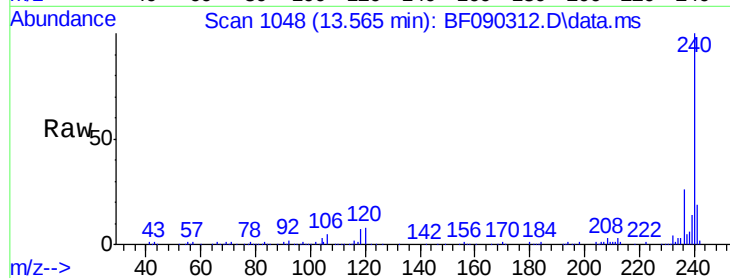




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.565 min Scan# 10
 Delta R.T. -0.034 min
 Lab File: BF090312.D
 Acq: 30 Sep 2016 13:22

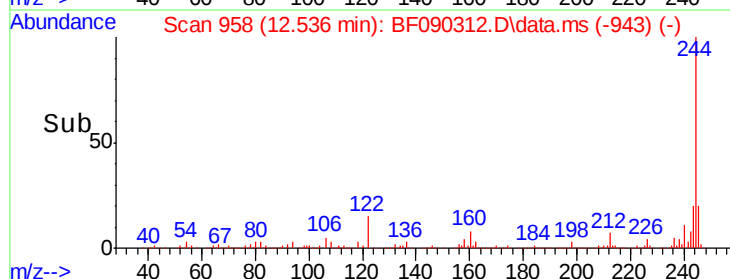
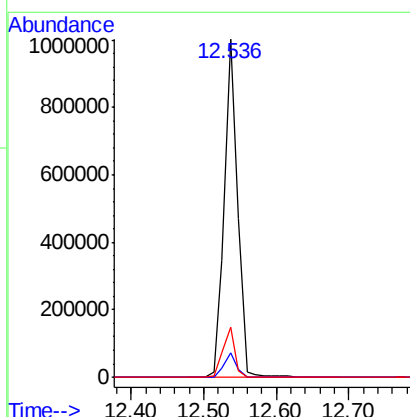
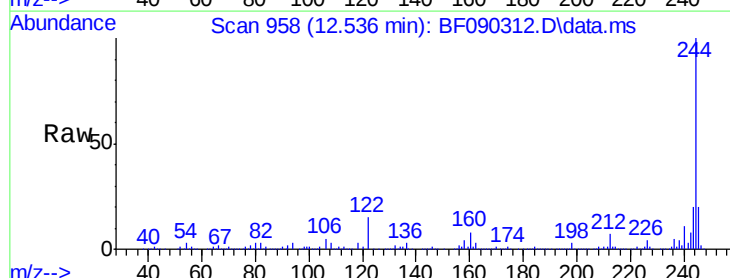
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

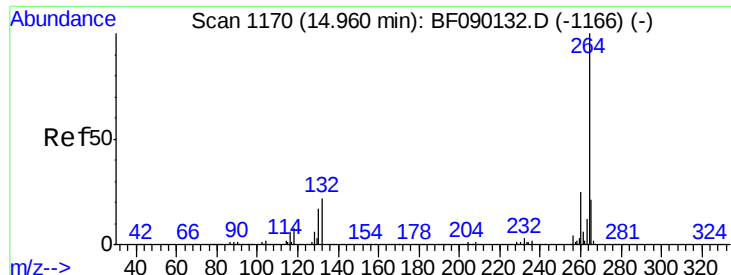
Tot Ion:240 Resp: 343272
 Ion Ratio Lower Upper
 240 100
 120 8.0 10.6 16.0#
 236 25.7 21.6 32.4



#78
 Terphenyl-d14
 Concen: 95.46 ng
 RT: 12.536 min Scan# 958
 Delta R.T. -0.023 min
 Lab File: BF090312.D
 Acq: 30 Sep 2016 13:22

Tgt Ion:244 Resp: 1290729
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 14.9 9.4 14.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.879 min Scan# 11
 Delta R.T. -0.034 min
 Lab File: BF090312.D
 Acq: 30 Sep 2016 13:22

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

Tot Ion:	264	Resp:	275596
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.5	29.3
265	21.9	17.0	25.4

