

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090197.D
 Acq On : 23 Sep 2016 14:32
 Operator : UM/SJ
 Sample : PB93576BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 17:13:49 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

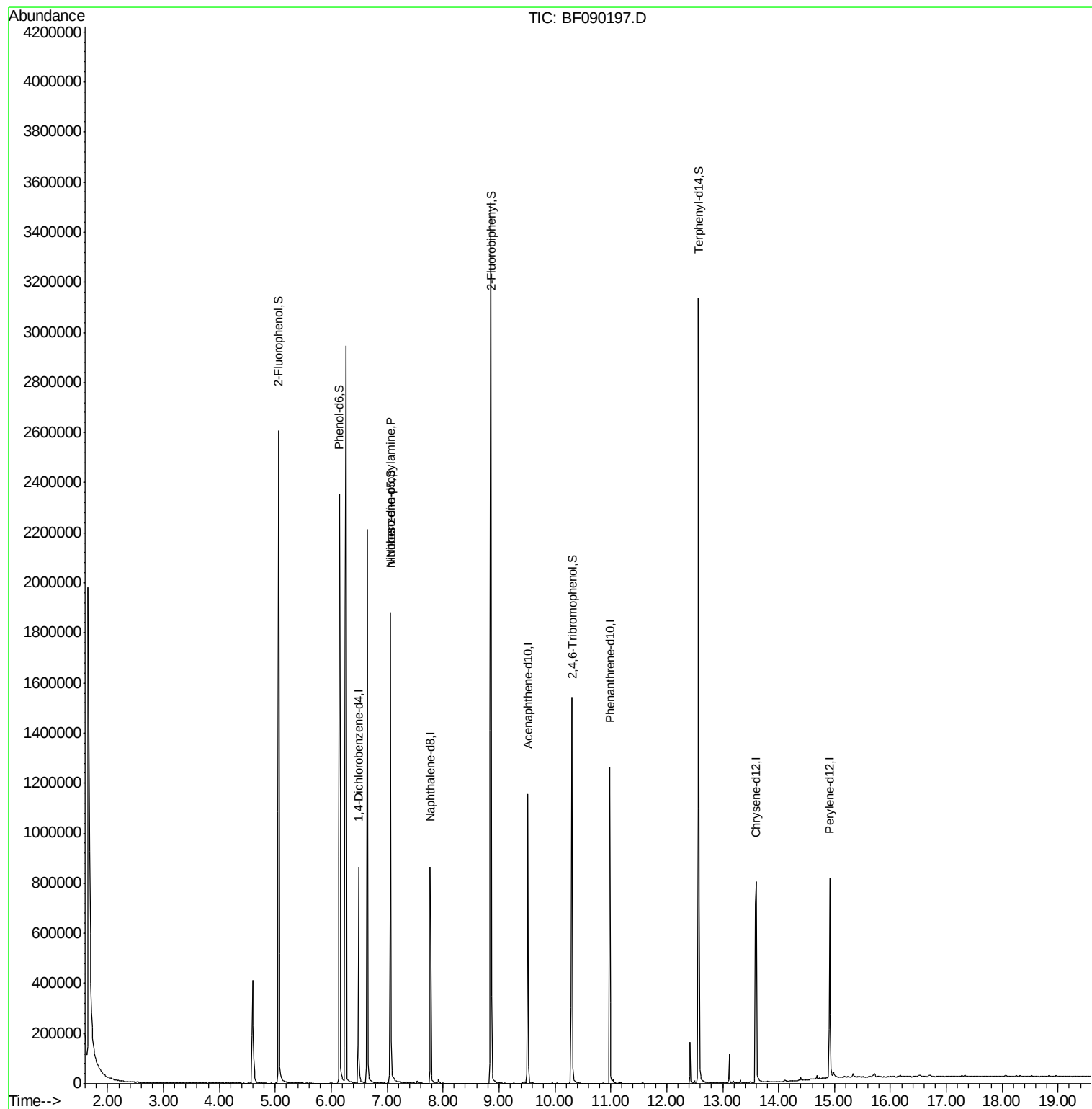
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	144111	20.00	ng	-0.03
21) Naphthalene-d8	7.77	136	553373	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	283096	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	497882	20.00	ng	-0.05
75) Chrysene-d12	13.60	240	428158	20.00	ng	-0.03
86) Perylene-d12	14.91	264	339589	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	989868	111.96	ng	-0.01
7) Phenol-d6	6.15	99	1341950	122.90	ng	-0.02
23) Nitrobenzene-d5	7.06	82	775408	81.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.31	330	353038	145.36	ng	-0.03
44) 2-Fluorobiphenyl	8.86	172	1308662	90.75	ng	-0.03
78) Terphenyl-d14	12.57	244	1183727	70.19	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	91604	14.28	ng	Qvalue # 80

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

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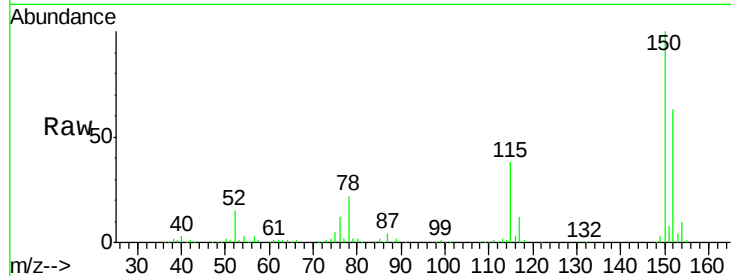


#1

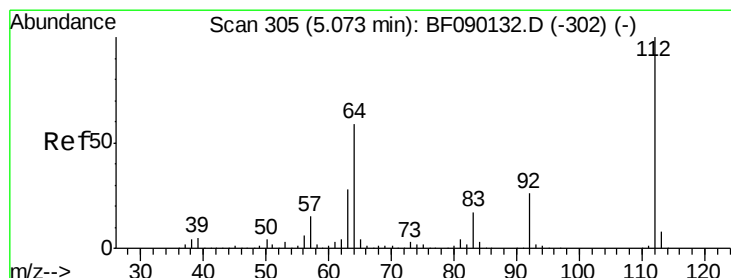
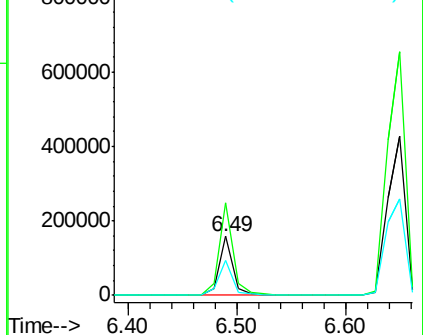
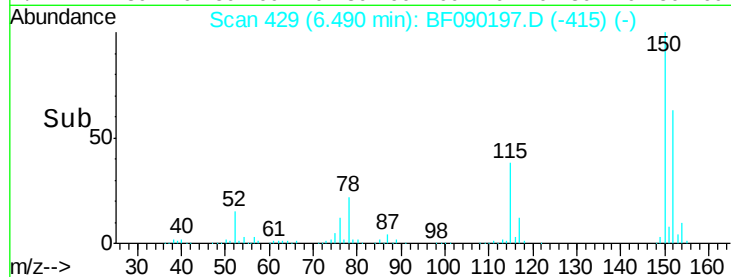
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF090197.D
Acq: 23 Sep 2016 14:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 144111
Ion Ratio Lower Upper
152 100
150 157.6 128.9 193.3
115 60.0 55.5 83.3



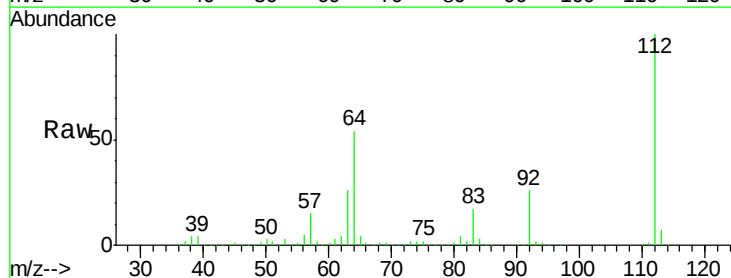
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



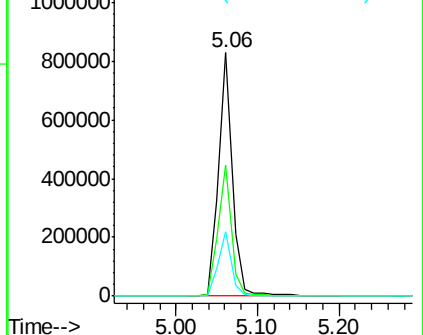
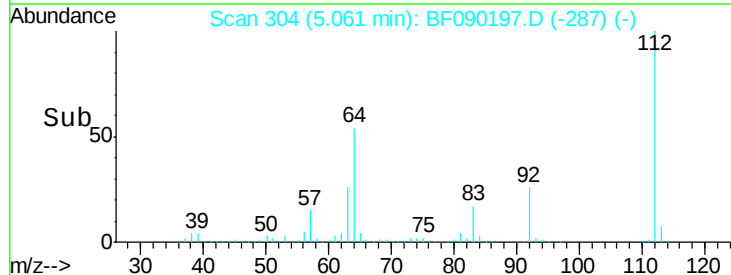
#5

2-Fluorophenol
Concen: 111.96 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF090197.D
Acq: 23 Sep 2016 14:32

Tgt Ion:112 Resp: 989868
Ion Ratio Lower Upper
112 100
64 53.7 39.8 59.6
63 26.3 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: 122.90 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF090197.D

Acq: 23 Sep 2016 14:32

Instrument :

BNA_F

ClientSampleId :

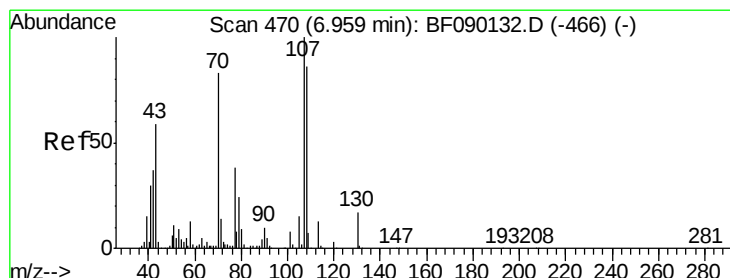
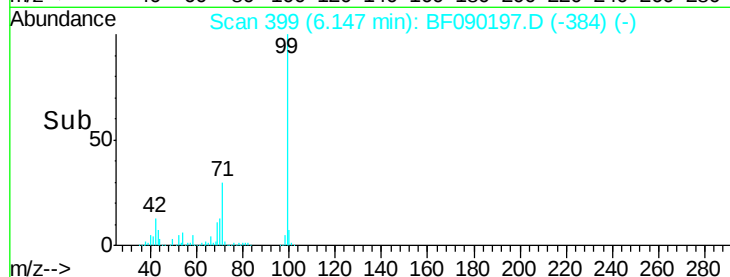
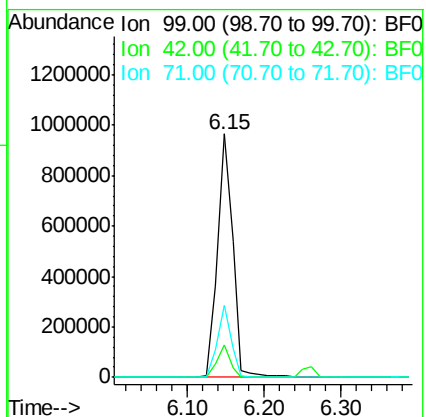
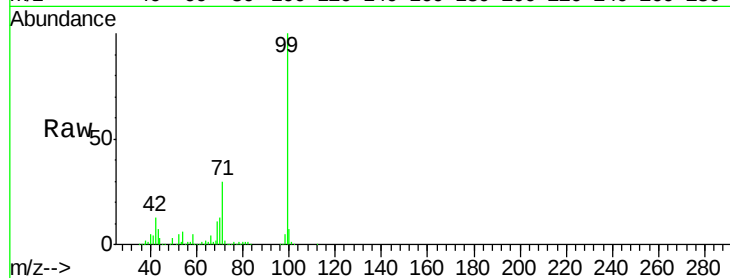
Tot Ion: 99 Resp: 1341950

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

71 29.8 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.28 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.10 min

Lab File: BF090197.D

Acq: 23 Sep 2016 14:32

Tgt Ion: 70 Resp: 91604

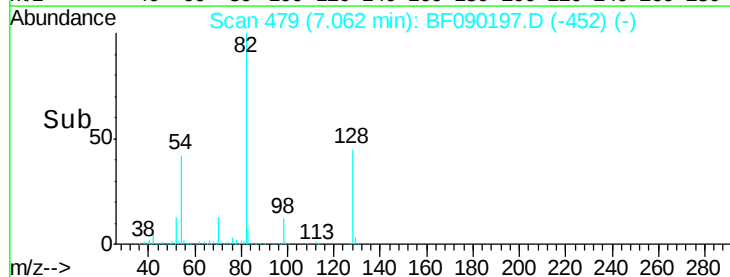
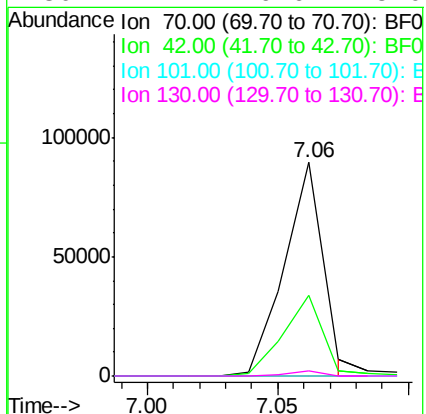
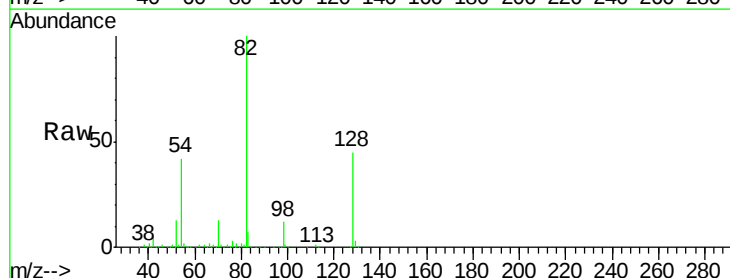
Ion Ratio Lower Upper

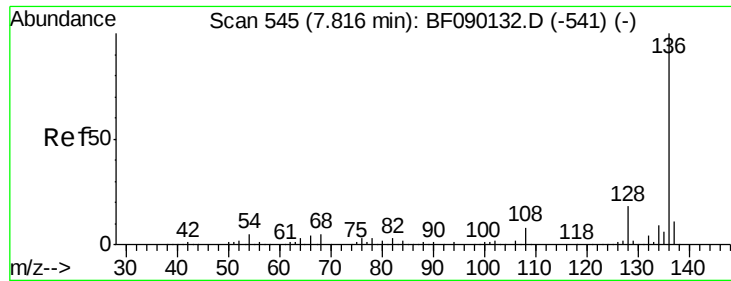
70 100

42 37.7 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#

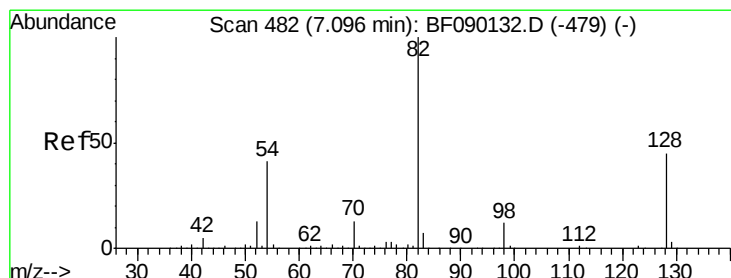
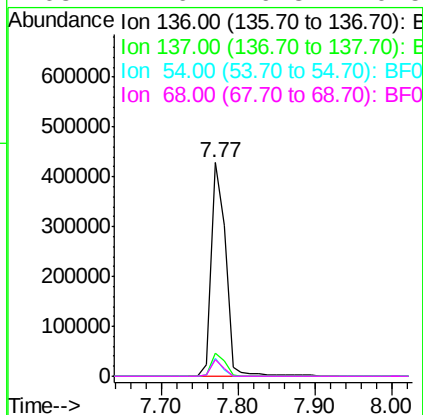
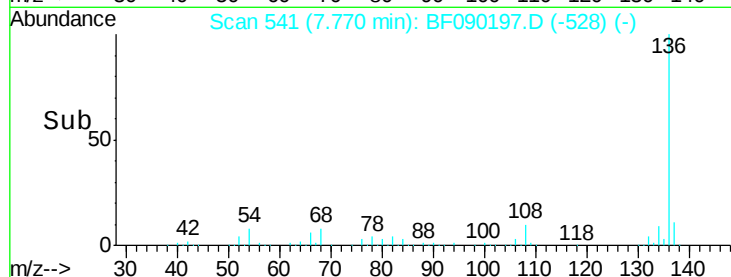
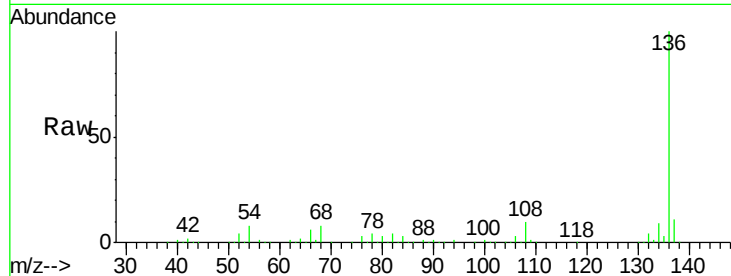




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.05 min
Lab File: BF090197.D
Acq: 23 Sep 2016 14:32

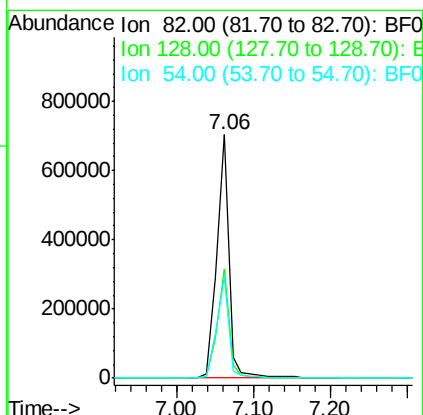
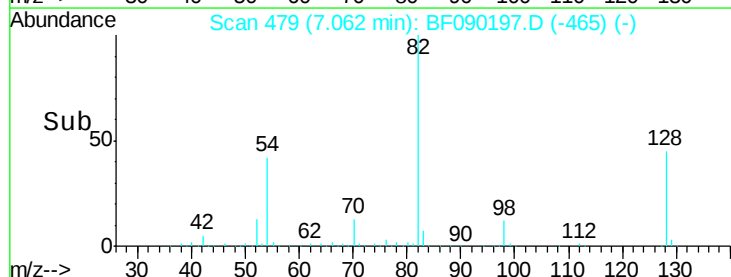
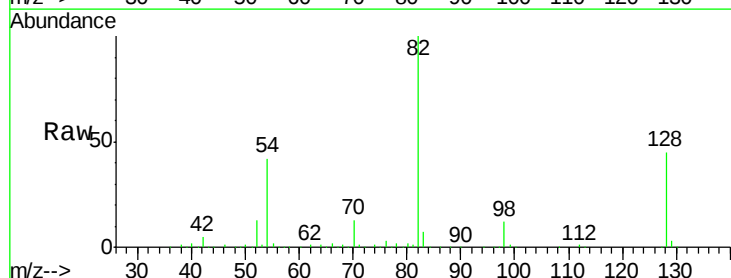
Instrument :
BNA_F
ClientSampleId :

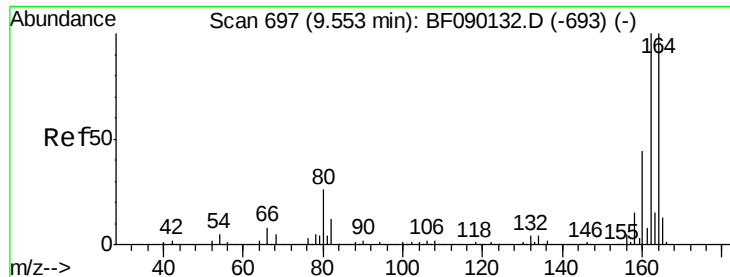
Tot Ion:136	Resp:	553373
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.4
54	8.3	6.4 9.6
68	7.6	6.3 9.5



#23
Nitrobenzene-d5
Concen: 81.23 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF090197.D
Acq: 23 Sep 2016 14:32

Tgt Ion: 82	Resp:	775408
Ion	Ratio	Lower Upper
82	100	
128	44.8	37.5 56.3
54	41.6	31.9 47.9

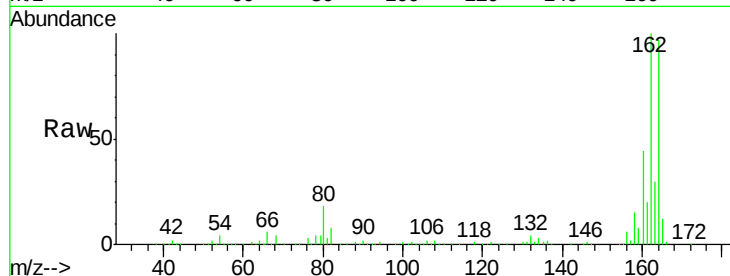




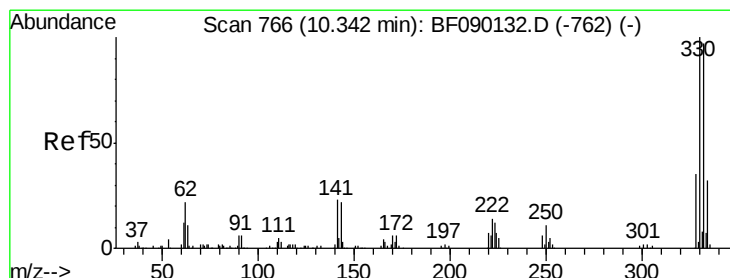
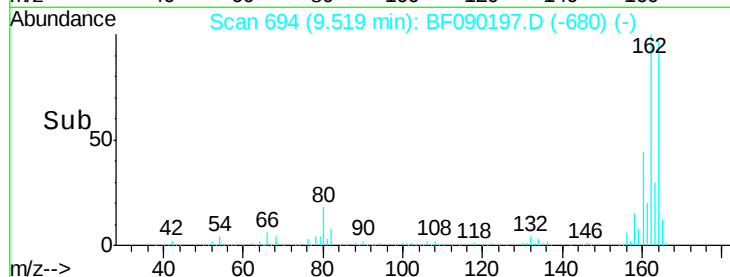
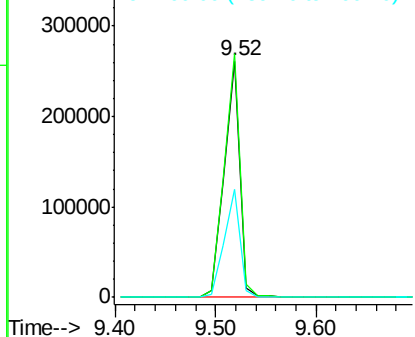
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.03 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 283096
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.4 122.2
 160 45.8 36.6 54.8

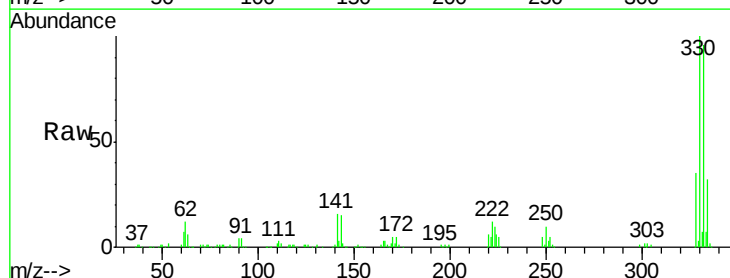


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

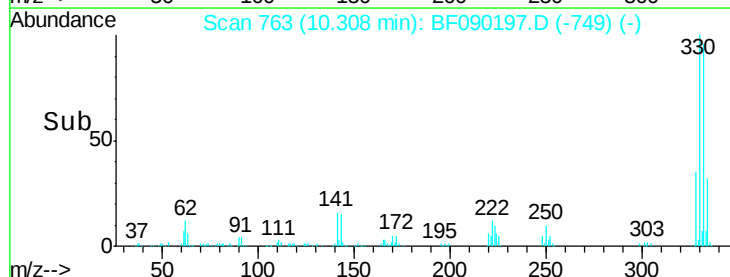
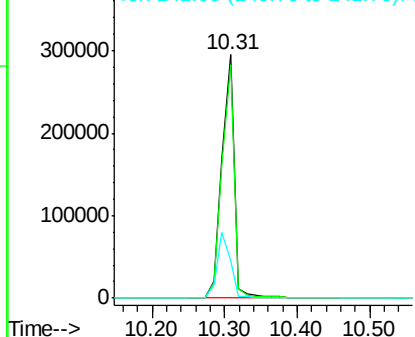


#41
 2,4,6-Tribromophenol
 Concen: 145.36 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.03 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Tgt Ion:330 Resp: 353038
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.1 117.1
 141 29.0 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



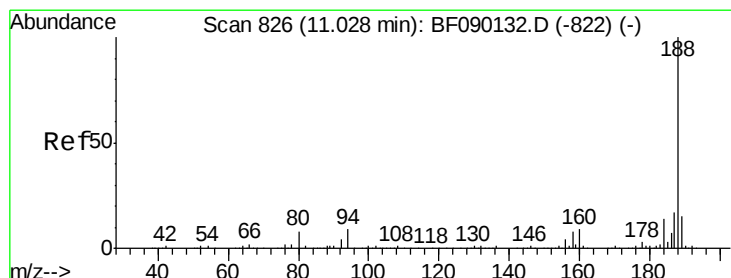
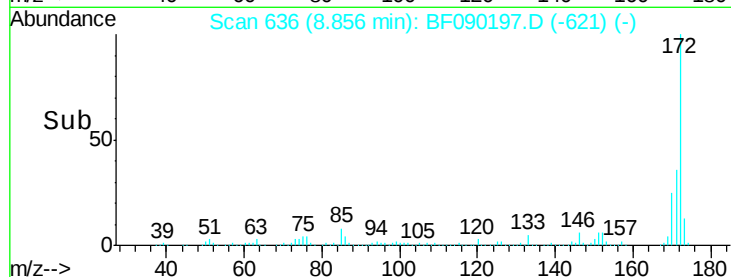
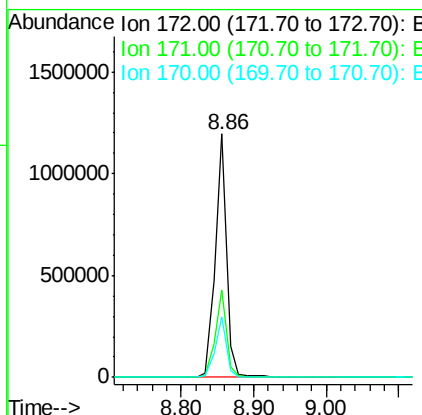
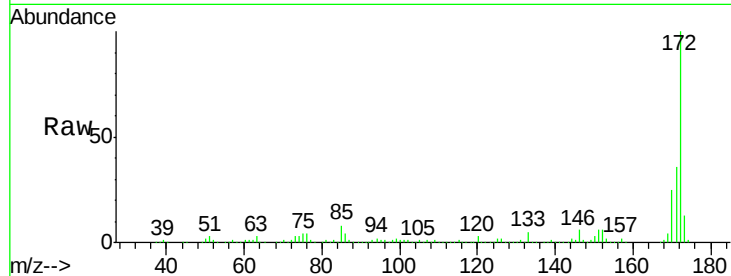


#44
 2-Fluorobiphenyl
 Concen: 90.75 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1308662

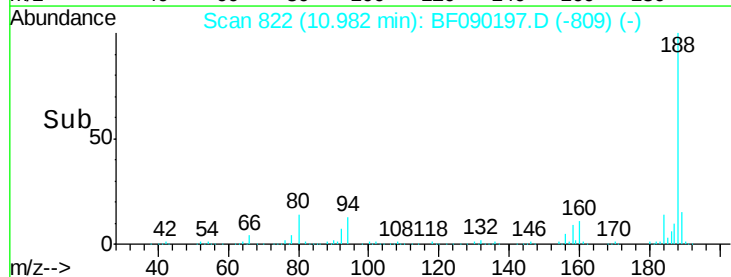
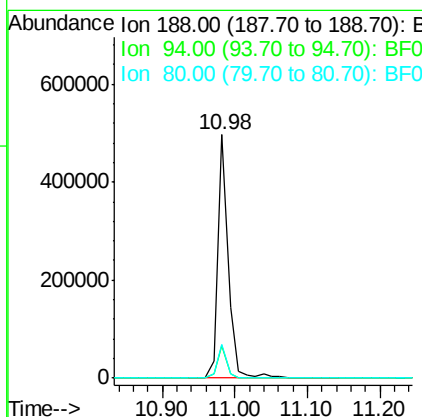
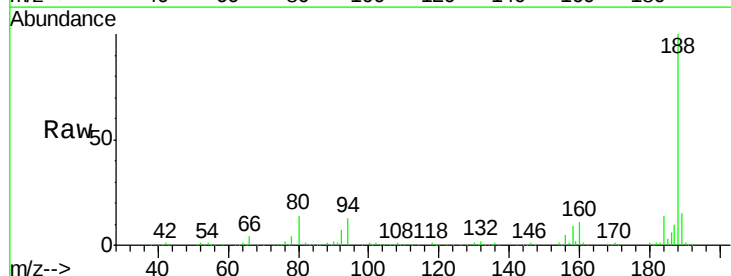
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	24.7	19.8	29.8

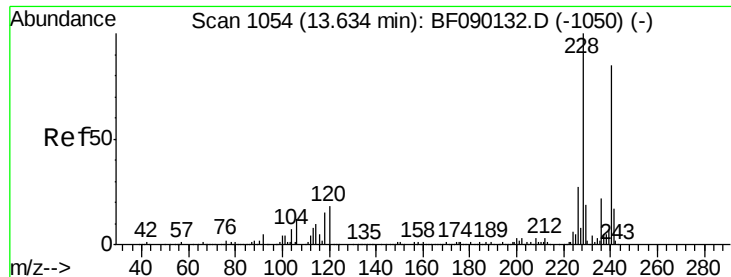


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Tgt Ion:188 Resp: 497882

Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.5	15.7
80	14.0	11.2	16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.03 min

Lab File: BF090197.D

Acq: 23 Sep 2016 14:32

Instrument :

BNA_F

ClientSampleId :

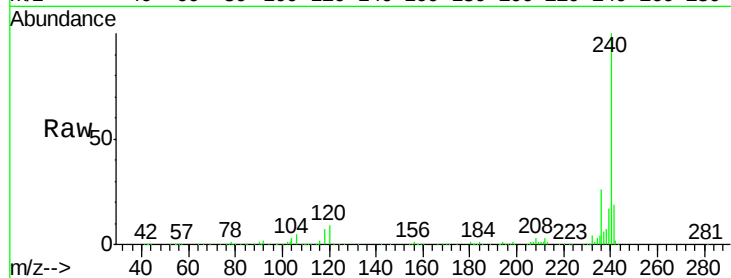
Tot Ion:240 Resp: 428158

Ion Ratio Lower Upper

240 100

120 8.6 10.6 16.0#

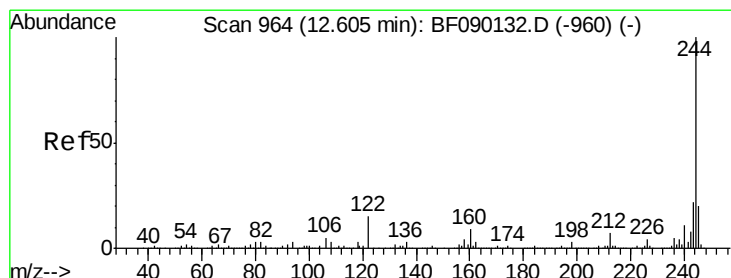
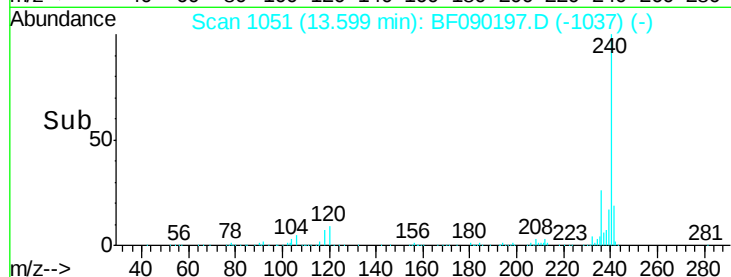
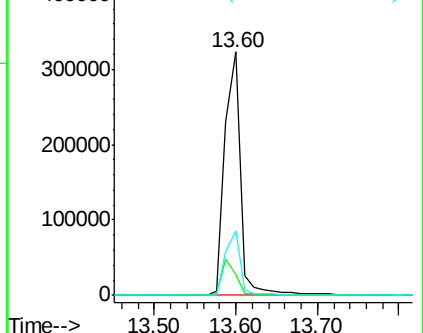
236 26.3 21.6 32.4



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: 70.19 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.03 min

Lab File: BF090197.D

Acq: 23 Sep 2016 14:32

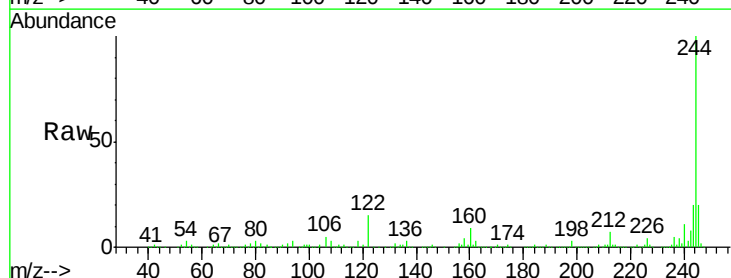
Tgt Ion:244 Resp: 1183727

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

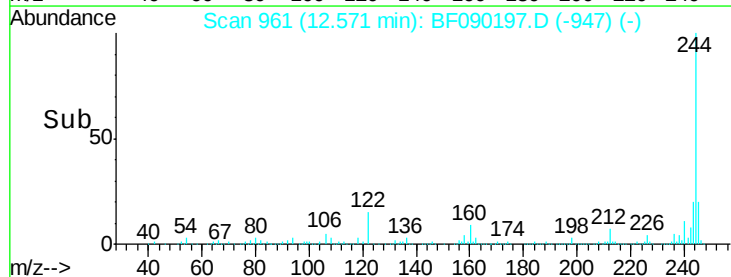
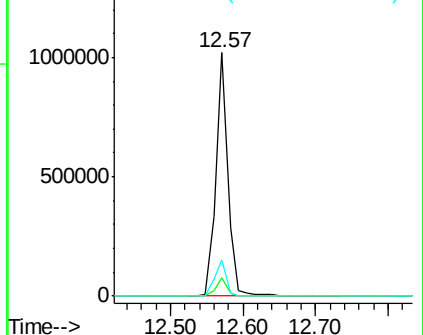
122 15.0 9.4 14.0#

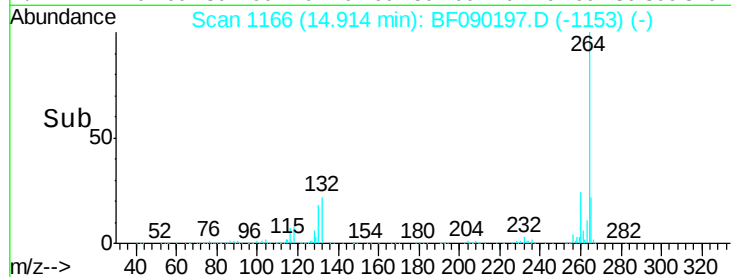
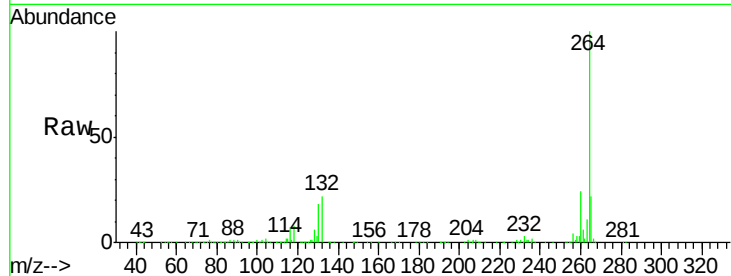
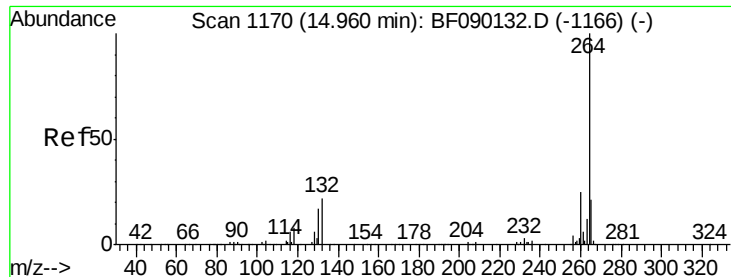


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.91 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	339589
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	21.6	17.0	25.4

