

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084133.D
 Acq On : 25 Dec 2015 16:53
 Operator : UM/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Dec 28 03:03:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

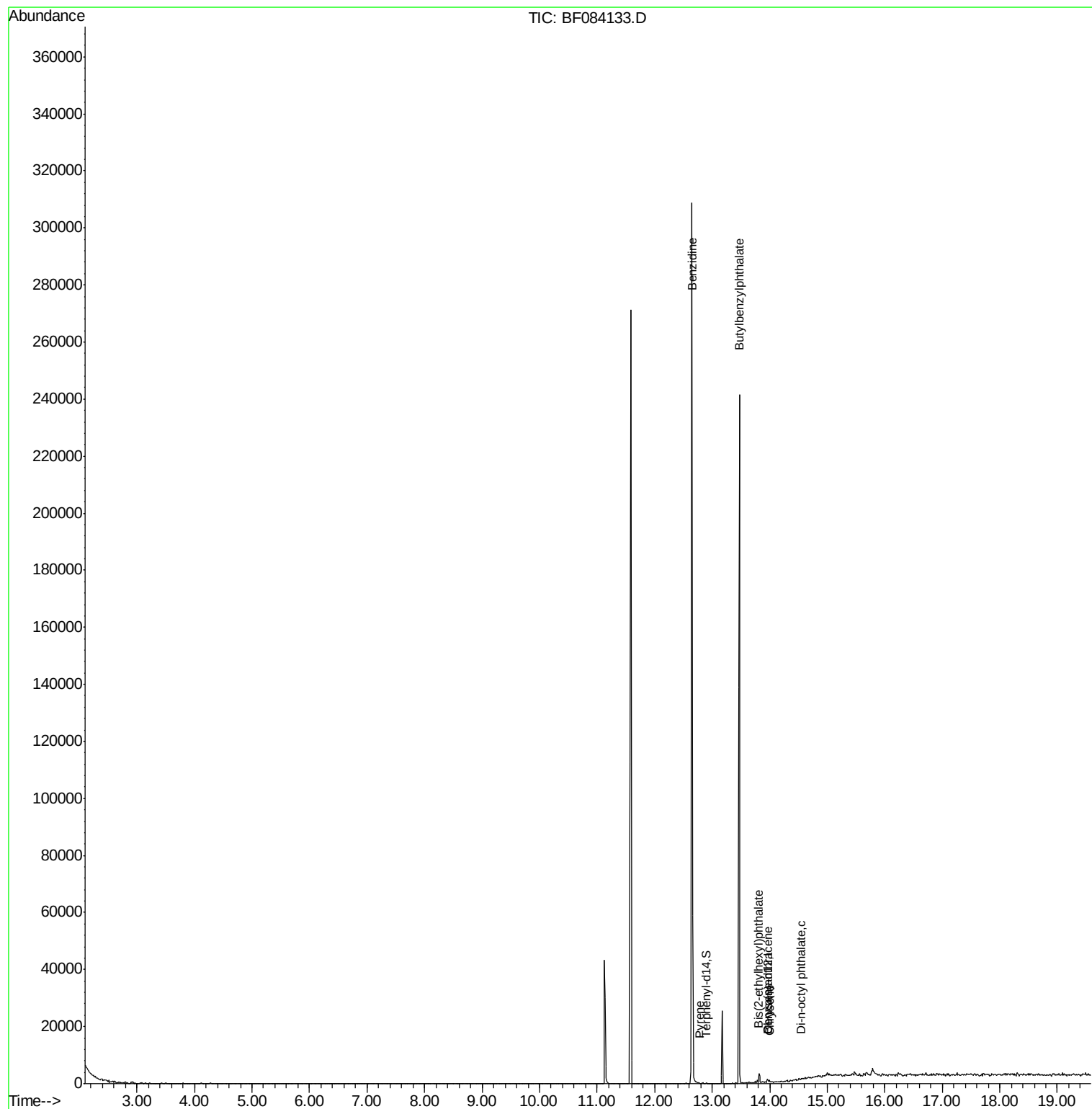
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.80
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.09
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.84
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.32
75) Chrysene-d12	13.96	240	492	20.00	ng	0.00
86) Perylene-d12	0.00	264	0	0.00	ng	-15.38
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.90	244	324	11.92	ng	0.00
Target Compounds						
76) Benzidine	12.65	184	113629	6795.15	ng	Qvalue 99
77) Pyrene	12.77	202	445	10.48	ng	# 57
79) Butylbenzylphthalate	13.47	149	881	50.14	ng	# 1
80) Benzo(a)anthracene	13.96	228	475	15.70	ng	# 51
82) Chrysene	14.00	228	529	18.96	ng	# 49
83) Bis(2-ethylhexyl)phthalate	13.81	149	1242	54.70	ng	# 54
84) Di-n-octyl phthalate	14.55	149	228	7.14	ng	# 83

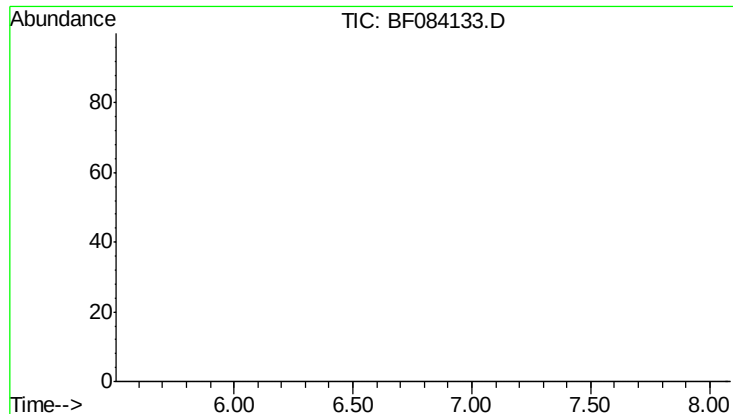
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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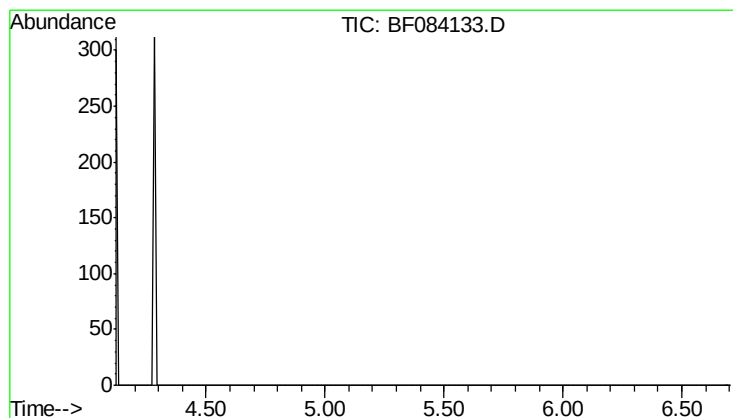
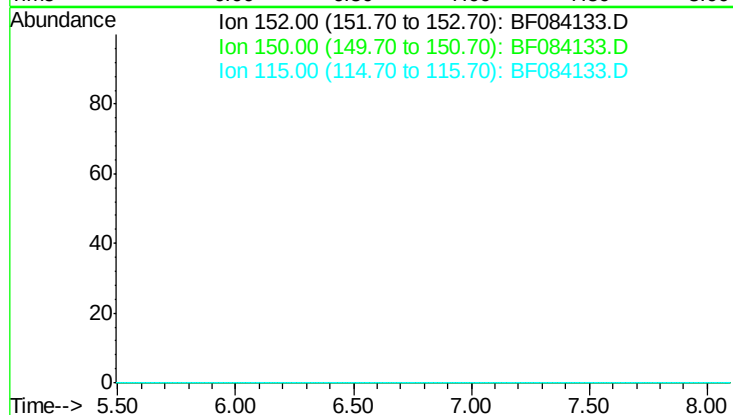




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.80 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

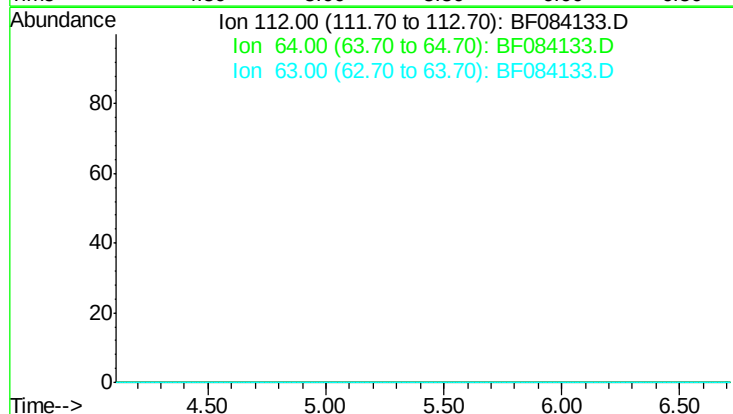
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

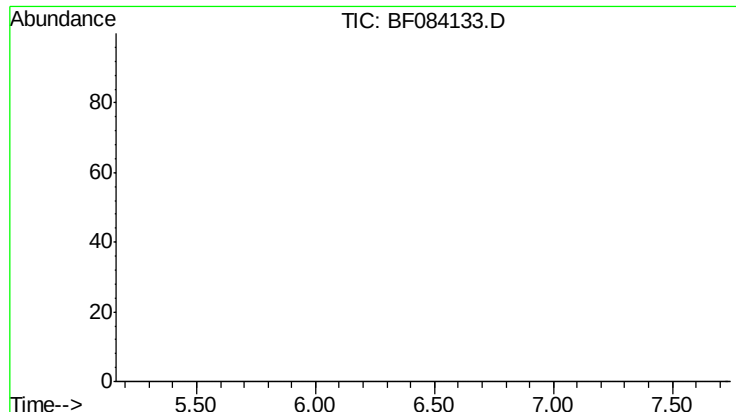
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 153.7
 115 64.3



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.41 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 45.8
 63 24.2

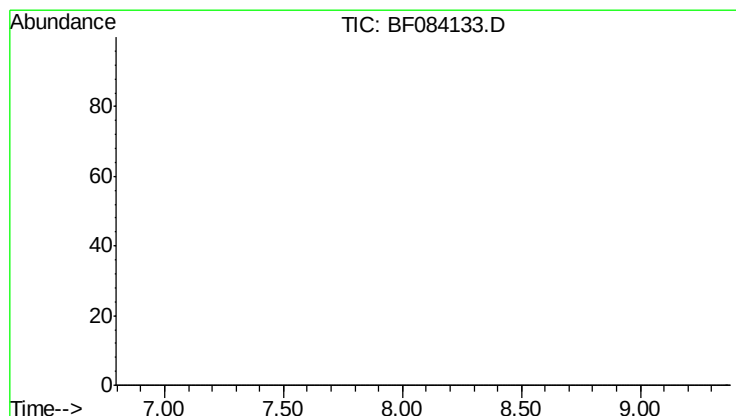
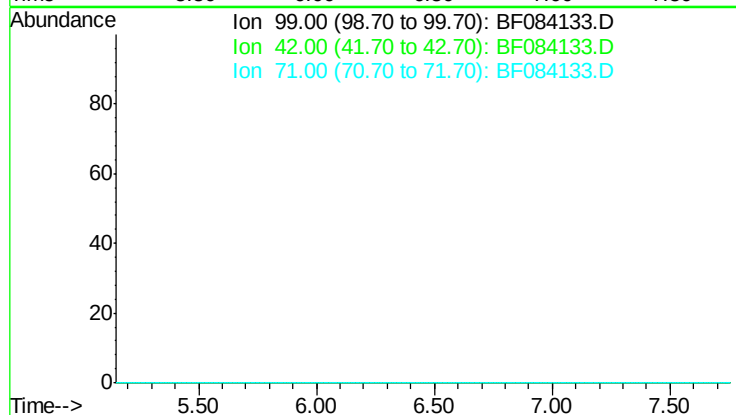




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.45 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

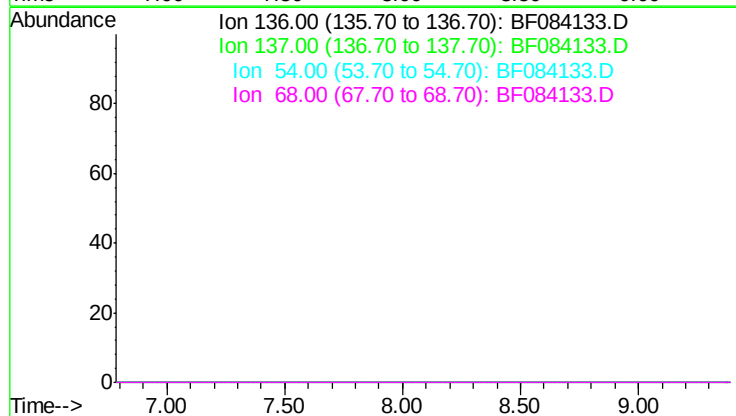
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

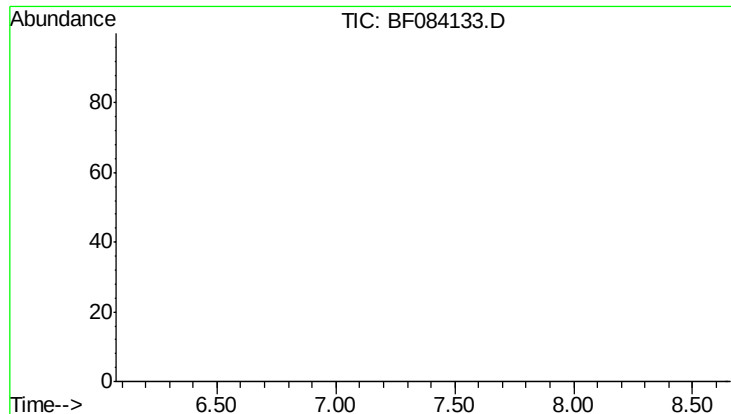
Tot Ion	99
Sig	Exp Ratio
99	100
42	16.0
71	38.6



#21
 Naphthalene-d8
 Concen: 0.00 ng
 Expected RT: 8.09 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

Tgt Ion	136
Sig	Exp Ratio
136	100
137	10.9
54	7.3
68	5.2

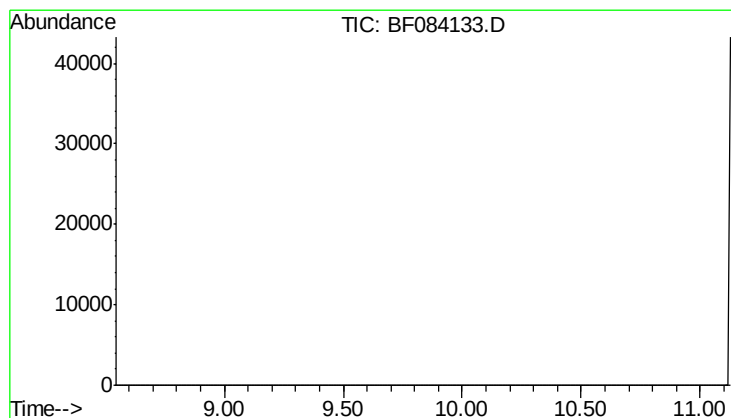
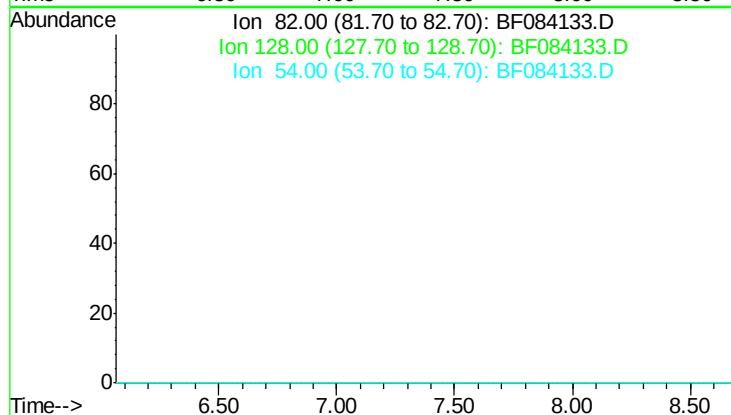




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.37 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

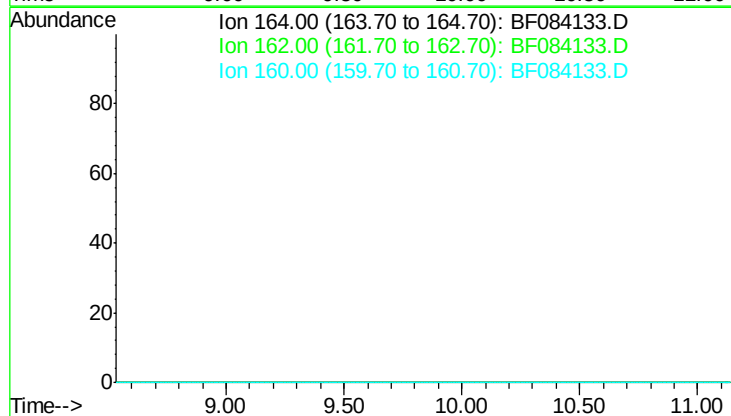
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

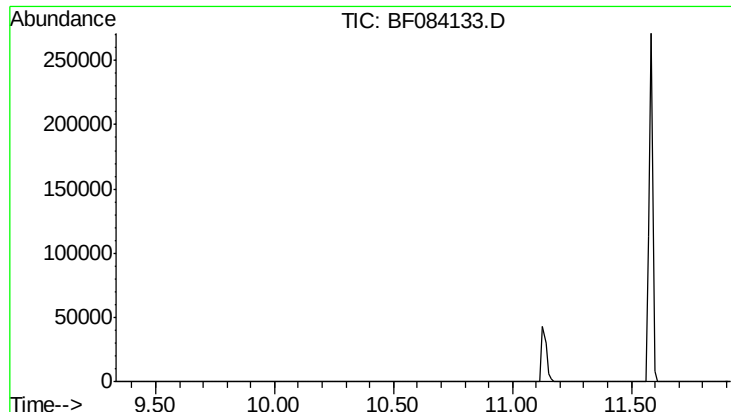
Tot Ion	82
Sig	Exp Ratio
82	100
128	43.2
54	48.0



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.84 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

Tgt Ion	164
Sig	Exp Ratio
164	100
162	106.4
160	46.9

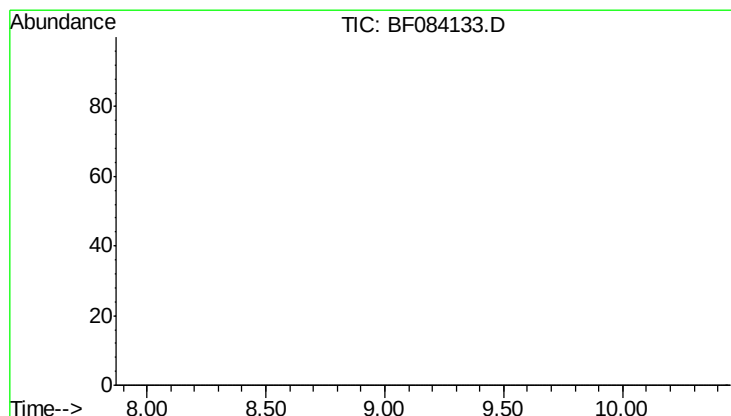
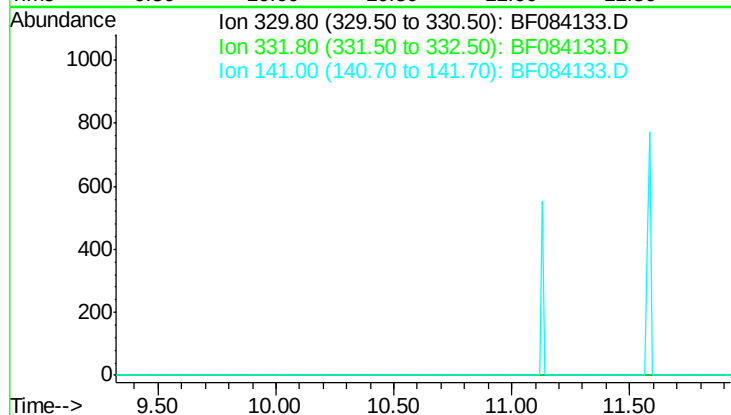




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.62 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

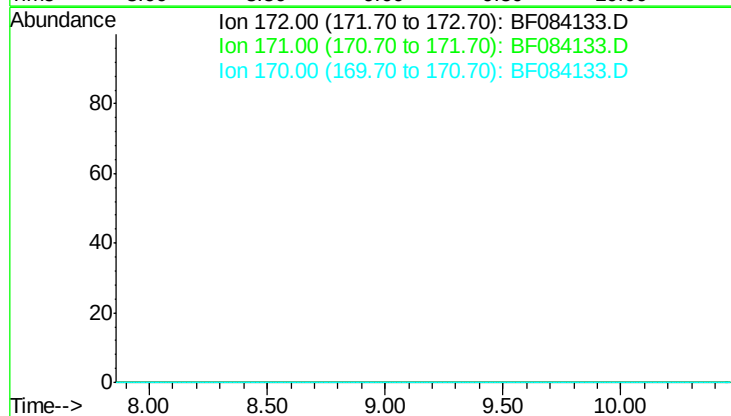
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

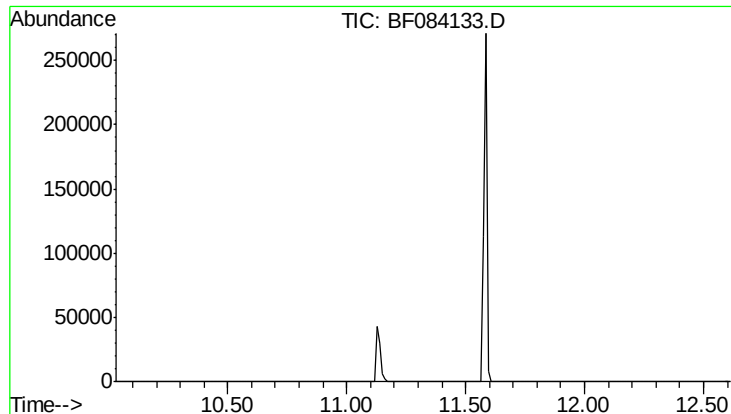
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 34.7



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.16 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.1
 170 23.2

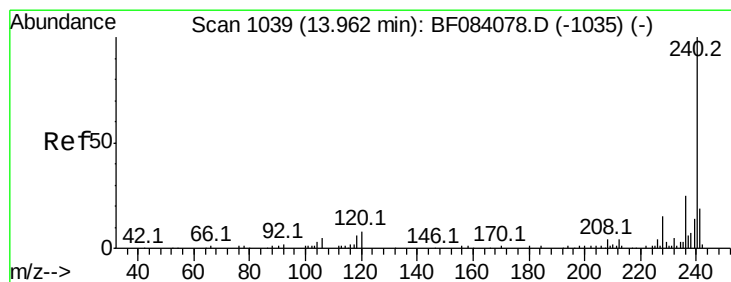
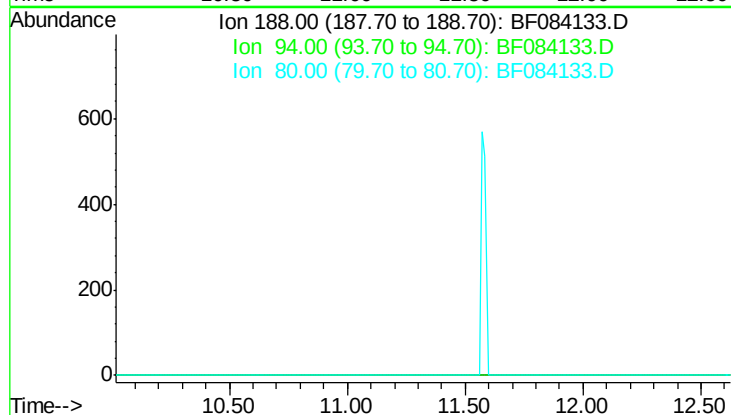




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 11.32 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

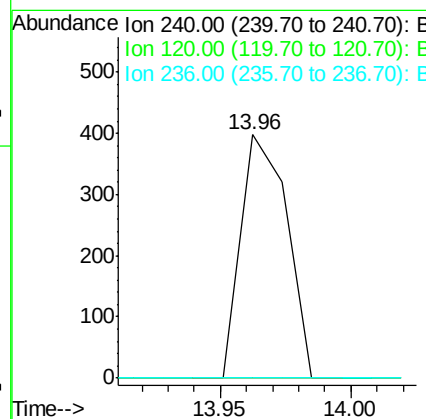
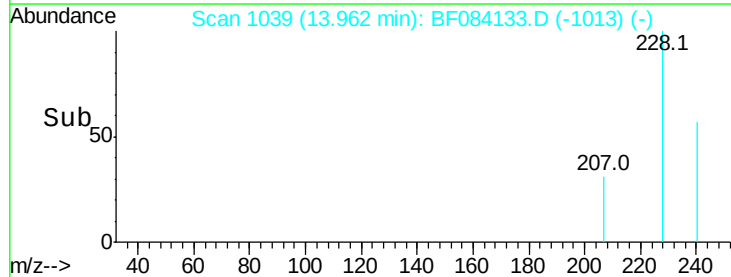
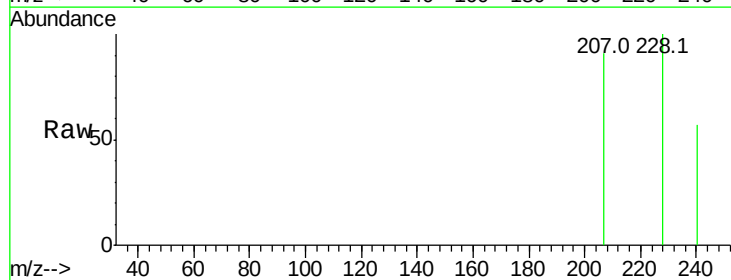
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

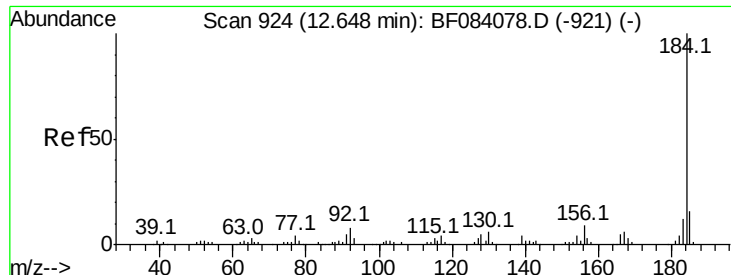
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.2
 80 12.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF084133.D
 Acq: 25 Dec 2015 16:53

Tgt Ion: 240 Resp: 492
 Ion Ratio Lower Upper
 240 100
 120 0.0 9.5 14.3#
 236 0.0 20.6 31.0#





#76

Benzidine

Concen: 6795.15 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF084133.D

Acq: 25 Dec 2015 16:53

Instrument :

BNA_F

ClientSampleId :

DFTPP

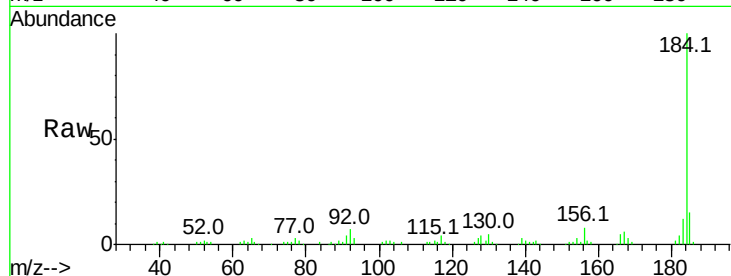
Tot Ion:184 Resp: 113629

Ion Ratio Lower Upper

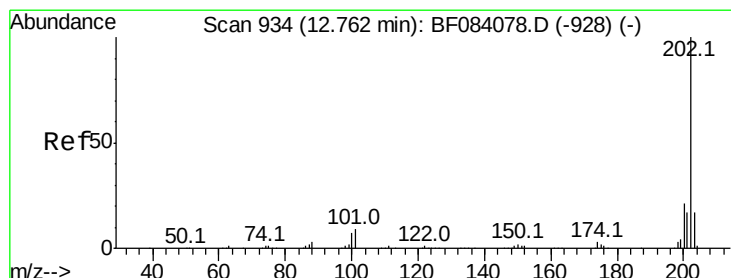
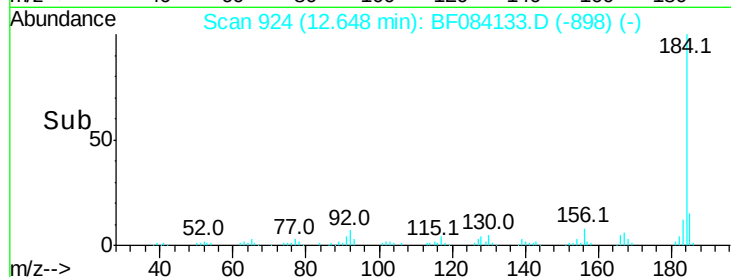
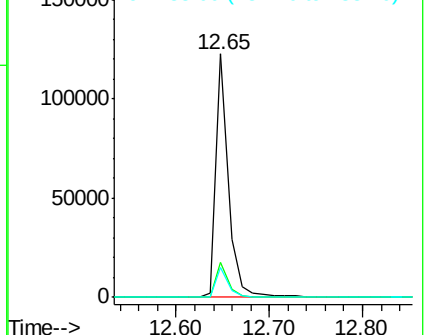
184 100

185 14.5 12.2 18.2

183 12.2 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 10.48 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF084133.D

Acq: 25 Dec 2015 16:53

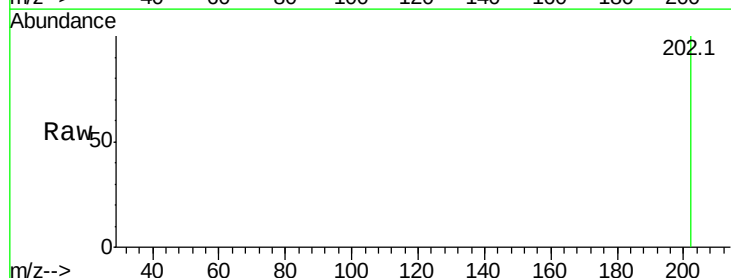
Tgt Ion:202 Resp: 445

Ion Ratio Lower Upper

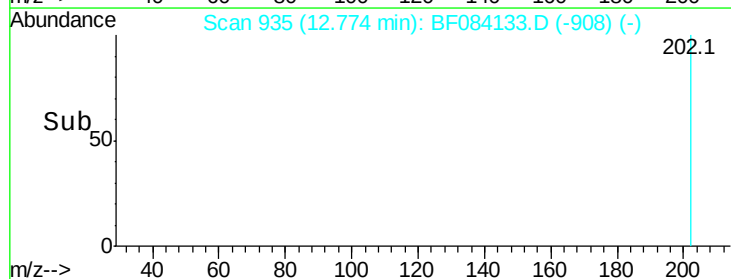
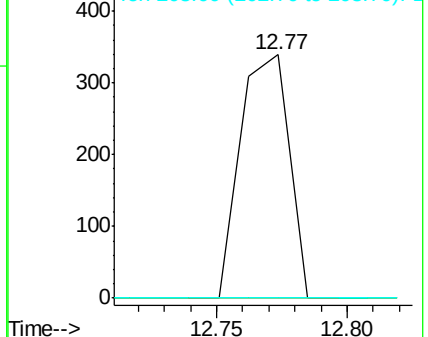
202 100

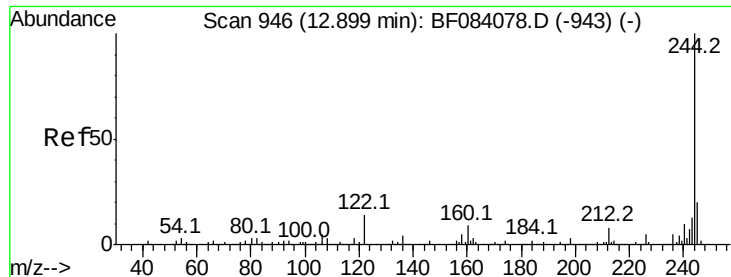
200 0.0 17.2 25.8#

203 0.0 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.92 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084133.D

Acq: 25 Dec 2015 16:53

Instrument :

BNA_F

ClientSampleId :

DFTPP

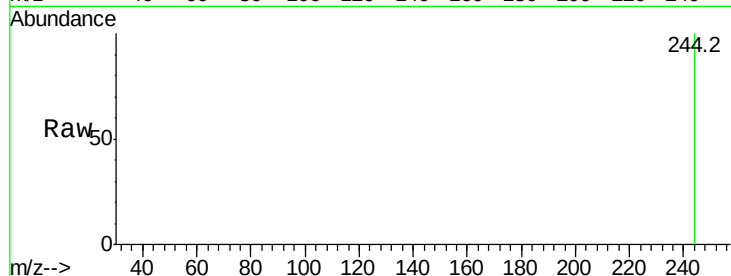
Tot Ion:244 Resp: 324

Ion Ratio Lower Upper

244 100

212 0.0 5.7 8.5#

122 0.0 7.4 11.0#



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

12.90

400

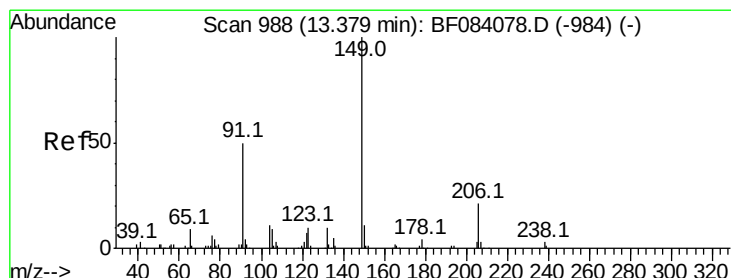
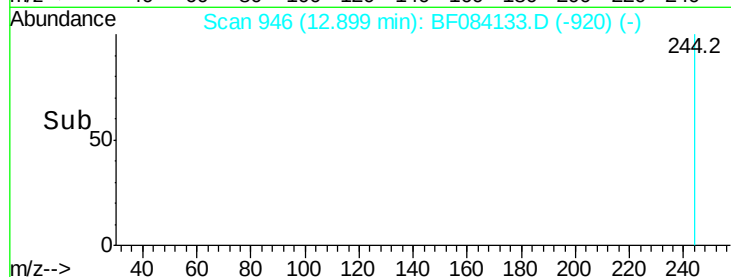
300

200

100

0

Time-->



#79

Butylbenzylphthalate

Concen: 50.14 ng

RT: 13.47 min Scan# 996

Delta R.T. 0.09 min

Lab File: BF084133.D

Acq: 25 Dec 2015 16:53

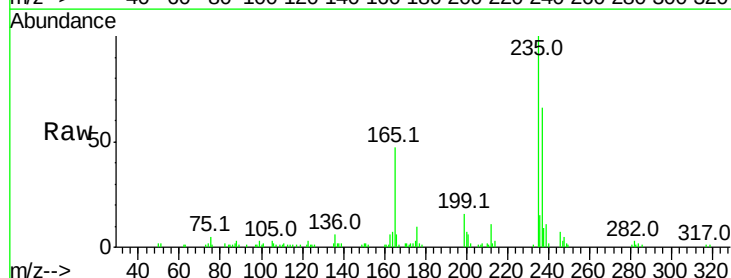
Tgt Ion:149 Resp: 881

Ion Ratio Lower Upper

149 100

91 0.0 57.6 86.4#

206 84.0 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

13.47

800

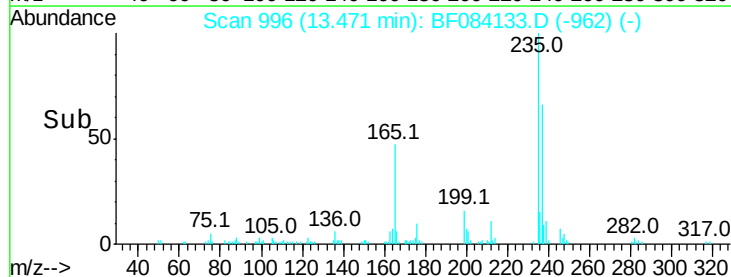
600

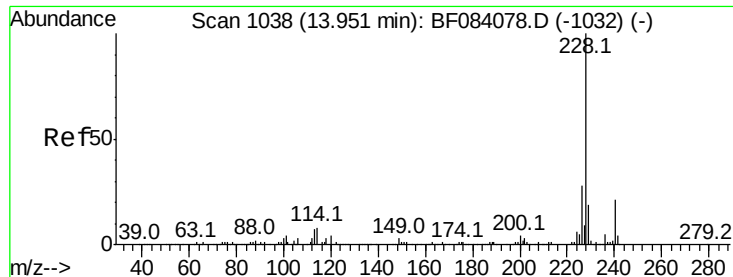
400

200

0

Time-->





#80

Benzo(a)anthracene

Concen: 15.70 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF084133.D

Acq: 25 Dec 2015 16:53

Instrument :

BNA_F

ClientSampleId :

DFTPP

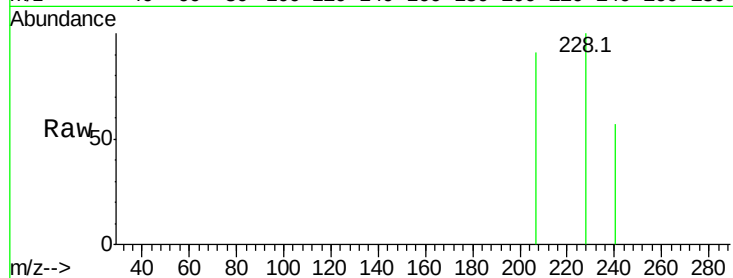
Tot Ion:228 Resp: 475

Ion Ratio Lower Upper

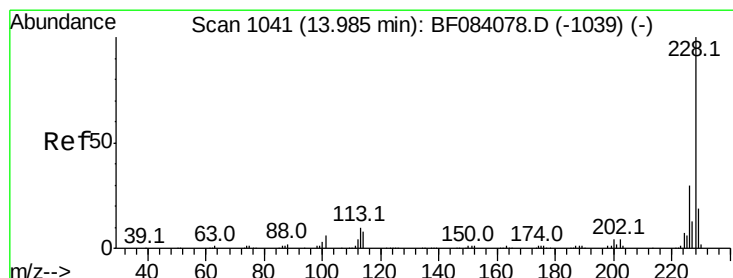
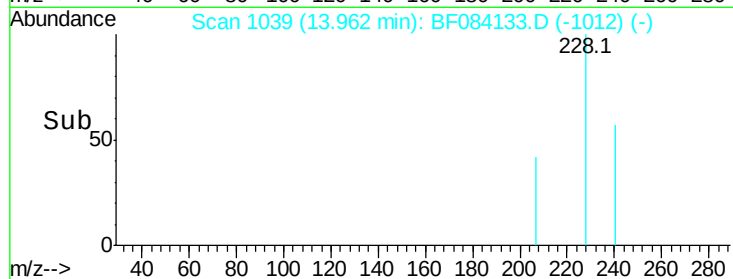
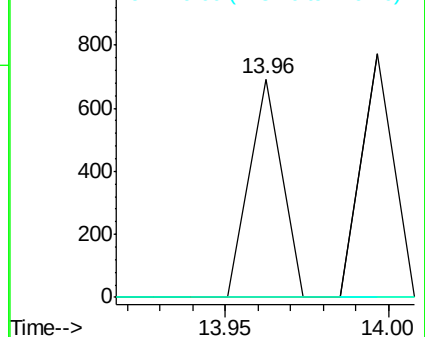
228 100

226 0.0 21.8 32.6#

229 0.0 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 18.96 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF084133.D

Acq: 25 Dec 2015 16:53

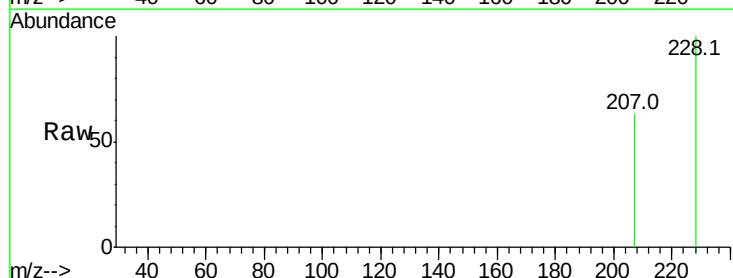
Tgt Ion:228 Resp: 529

Ion Ratio Lower Upper

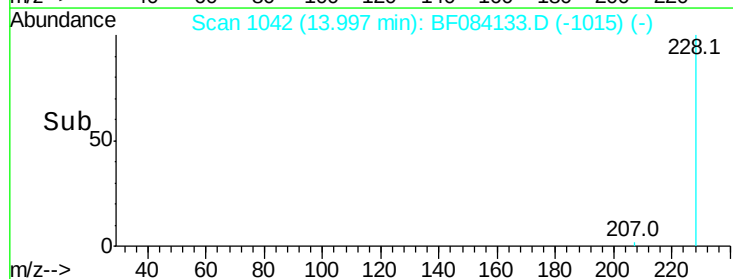
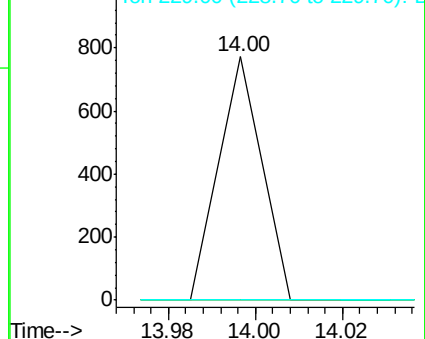
228 100

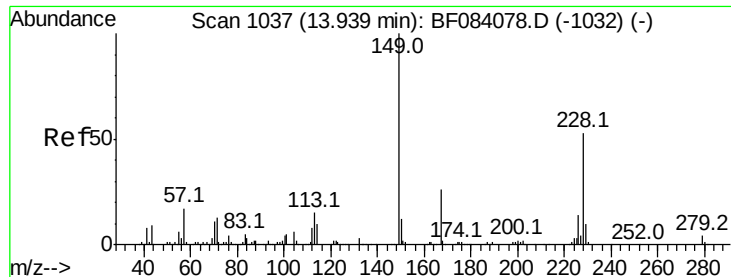
226 0.0 24.3 36.5#

229 0.0 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.70 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.13 min

Lab File: BF084133.D

Acq: 25 Dec 2015 16:53

Instrument :

BNA_F

ClientSampleId :

DFTPP

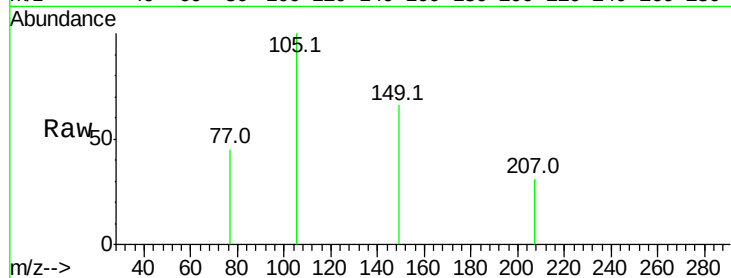
Tot Ion:149 Resp: 1242

Ion Ratio Lower Upper

149 100

167 0.0 19.7 29.5#

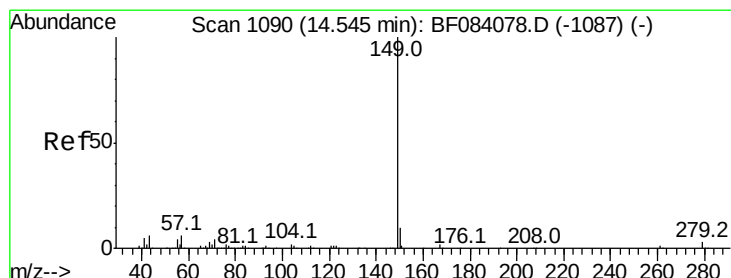
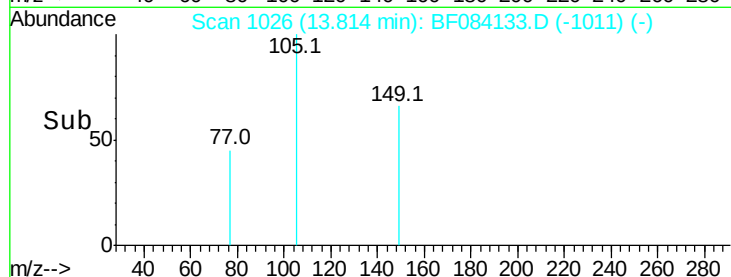
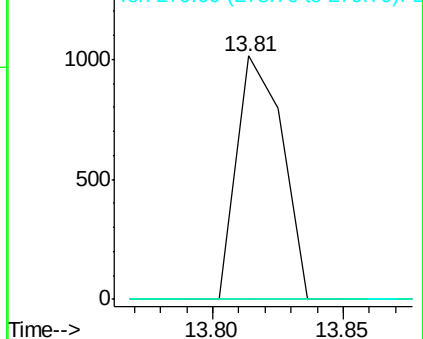
279 0.0 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 7.14 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF084133.D

Acq: 25 Dec 2015 16:53

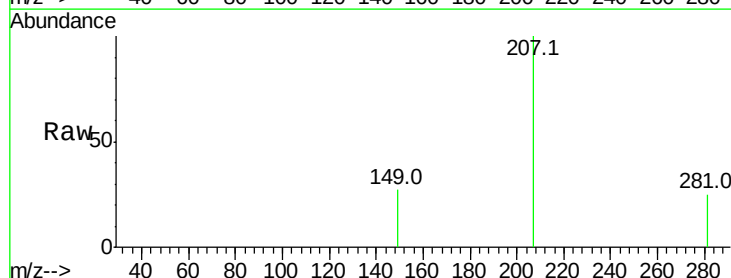
Tgt Ion:149 Resp: 228

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

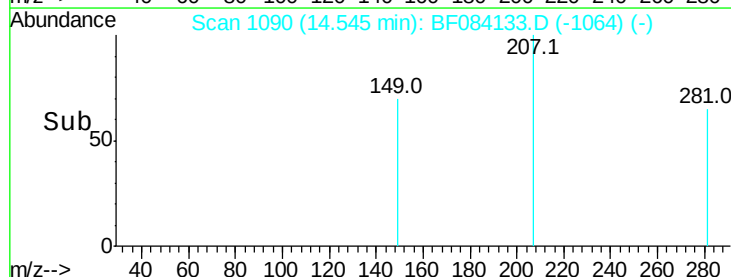
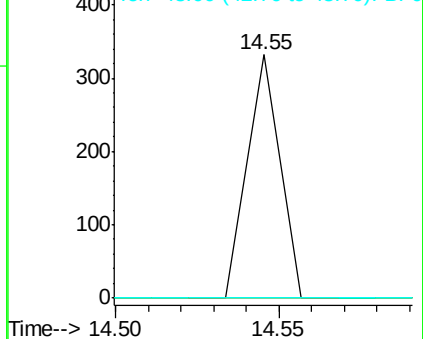
43 0.0 5.6 8.4#

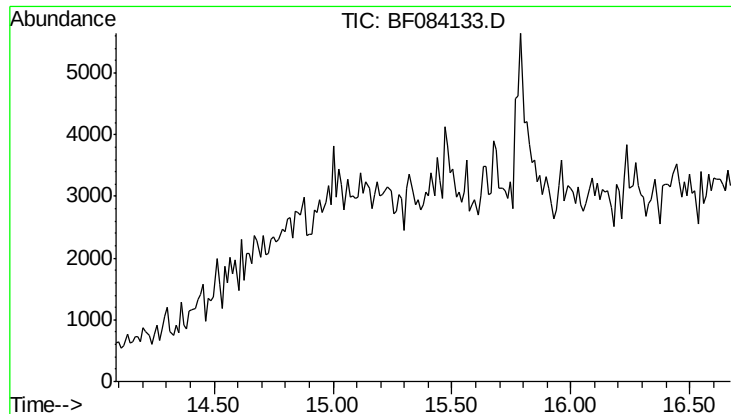


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#86
Pervlene-d12
Concen: 0.00 ng
Expected RT: 15.38 min
Lab File: BF084133.D
Acq: 25 Dec 2015 16:53

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion: 264
Sig Exp Ratio
264 100
260 24.3
265 22.2

