

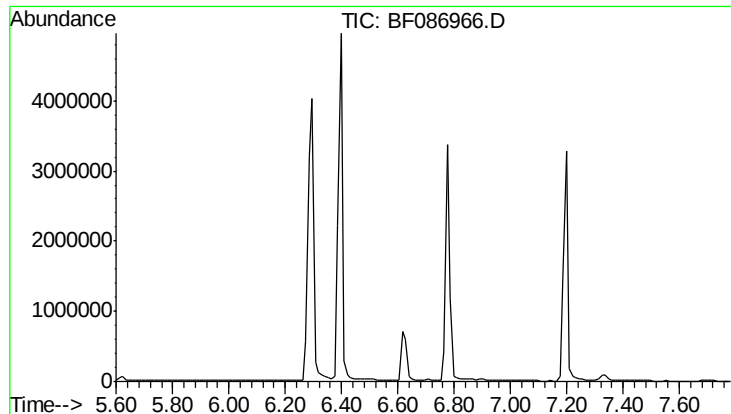
Data Path : Z:\HPCHEM1\BNA F\Data\BF051216\
 Data File : BF086966.D
 Acq On : 13 May 2016 10:35
 Operator : UM/SJ
 Sample : H2916-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 14:43:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 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	-6.69
21) Naphthalene-d8	7.91	136	527255	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	219100	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	332807	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	301264	20.00	ng	-0.08
86) Perylene-d12	15.12	264	234216	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1246344	0.00	ng	-0.07
7) Phenol-d6	6.30	99	1750980	0.00	ng	-0.07
23) Nitrobenzene-d5	7.20	82	1100097	104.77	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	255800	110.28	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1473275	113.01	ng	-0.07
78) Terphenyl-d14	12.72	244	1007178	70.93	ng	-0.08
Target Compounds						
25) Isophorone	7.20	82	1077312	55.30	ng	# 68
49) Dimethylphthalate	9.39	163	433420	25.93	ng	# 99
56) 2,4-Dinitrotoluene	9.66	165	27479	6.31	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	16243	4.81	ng	# 1
76) Benzidine	12.72	184	16320	2.12	ng	# 94

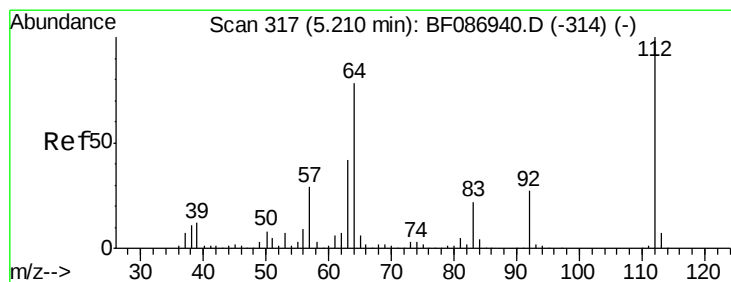
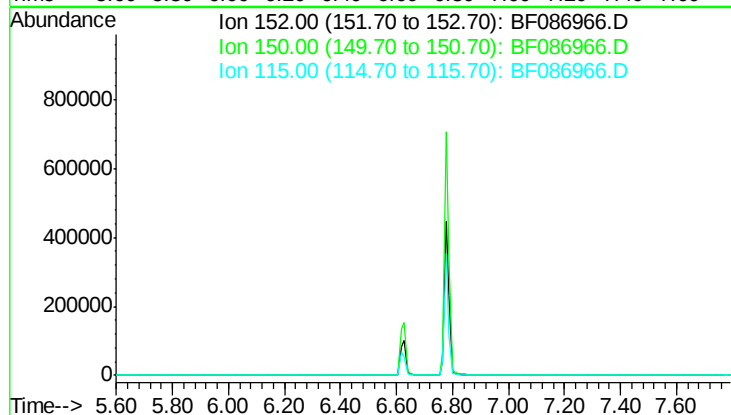
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.69 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

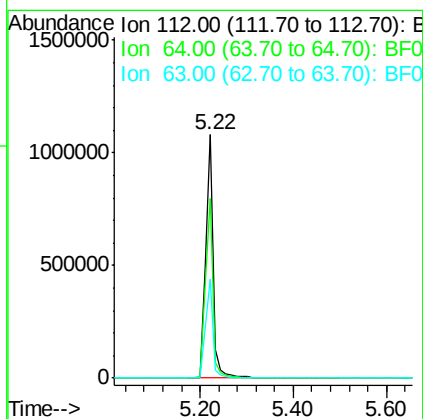
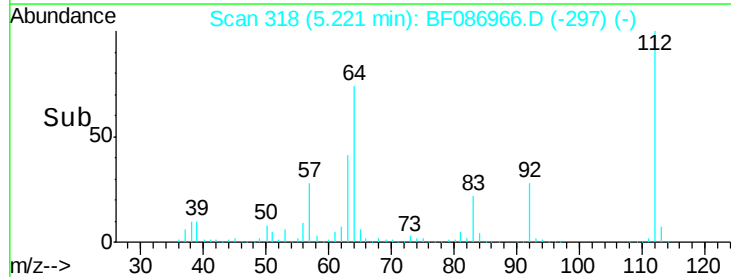
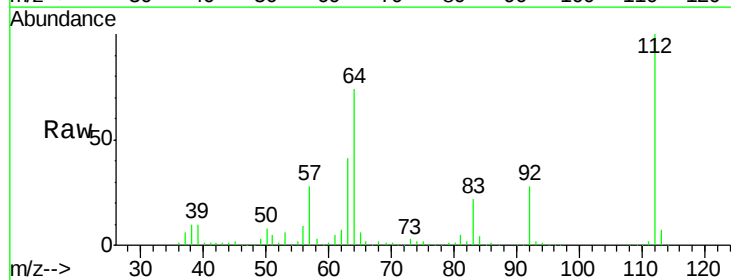
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 157.2
 115 64.4



#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.22 min Scan# 318
 Delta R.T. -0.07 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

Tgt Ion: 112 Resp: 1246344
 Ion Ratio Lower Upper
 112 100
 64 73.6 52.1 78.1
 63 40.7 25.7 38.5#





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

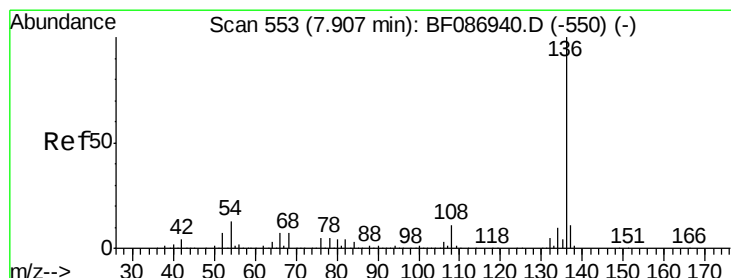
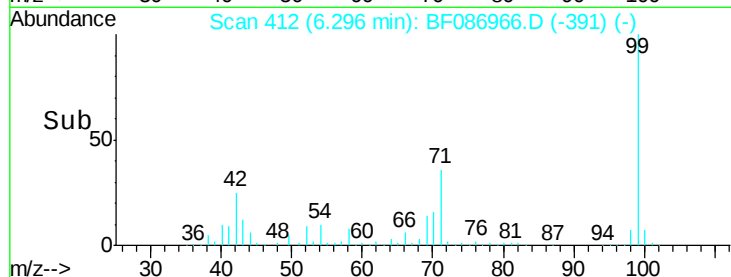
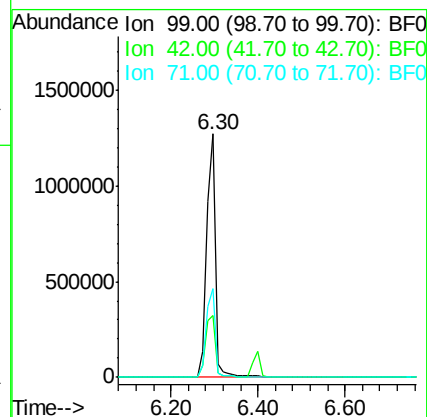
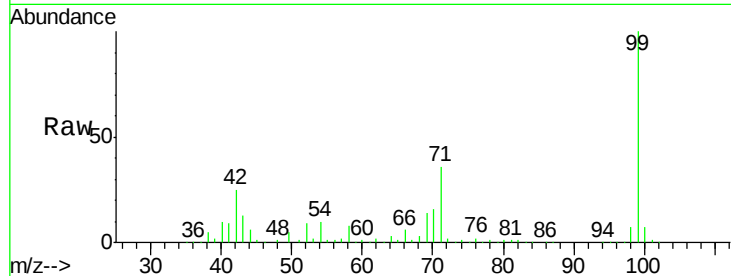
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1750980

Ion	Ratio	Lower	Upper
99	100		
42	25.4	13.6	20.4#
71	36.3	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

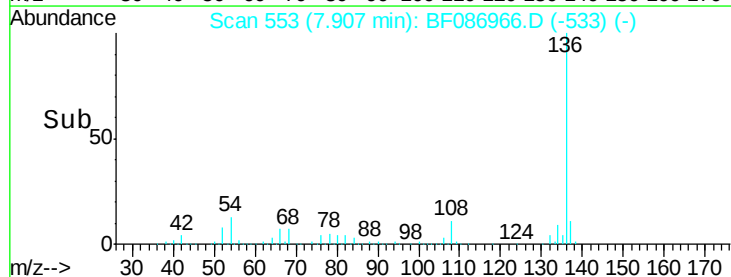
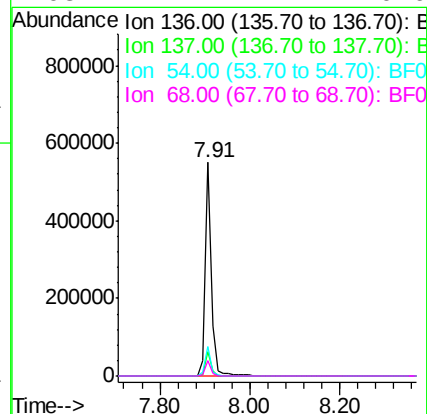
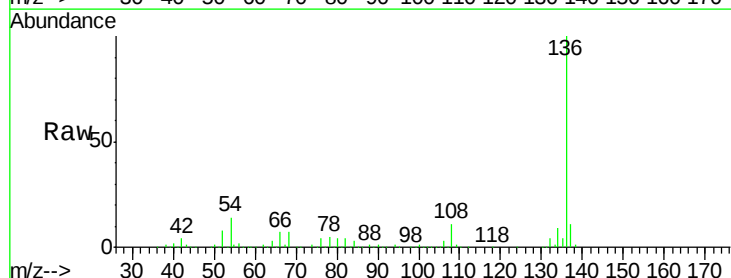
Delta R.T. -0.08 min

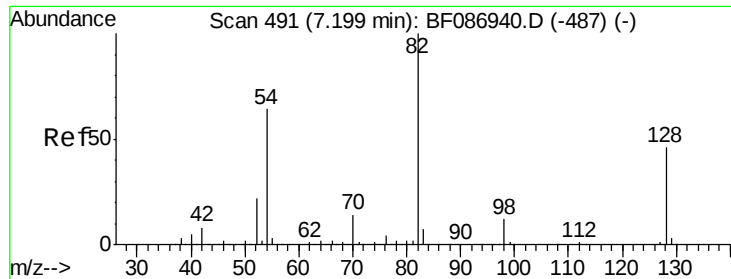
Lab File: BF086966.D

Acq: 13 May 2016 10:35

Tgt Ion: 136 Resp: 527255

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.5	5.0	7.4#
68	7.2	4.4	6.6#

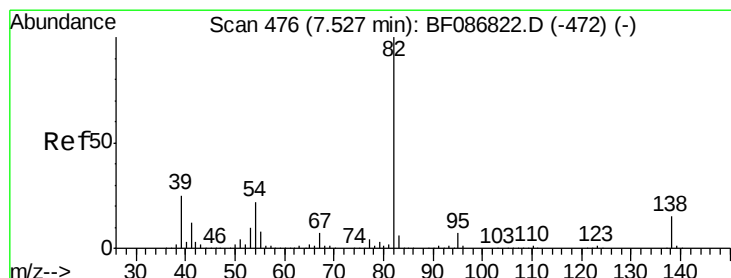
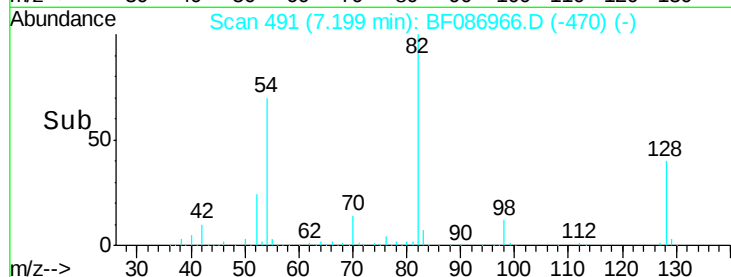
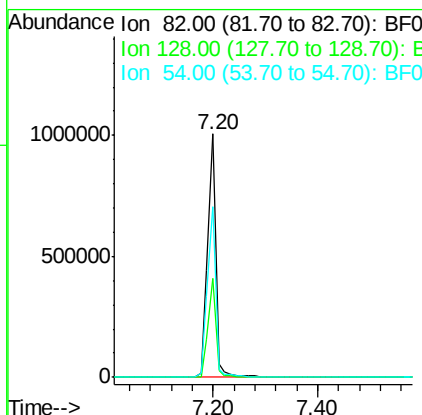
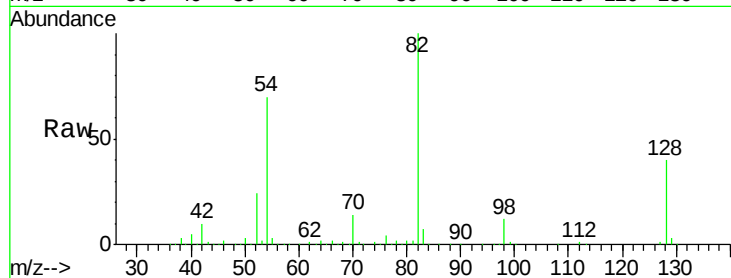




#23
 Nitrobenzene-d5
 Concen: 104.77 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

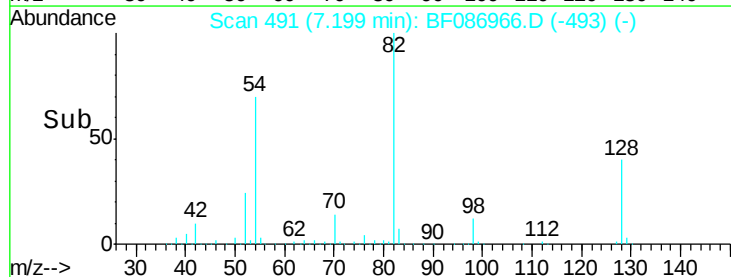
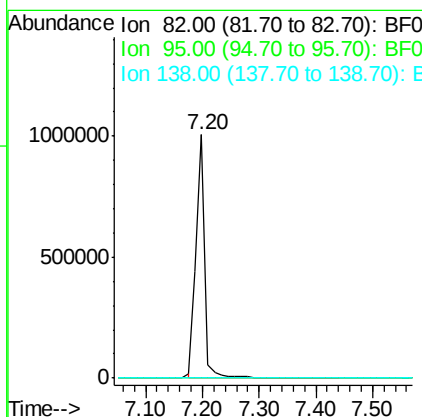
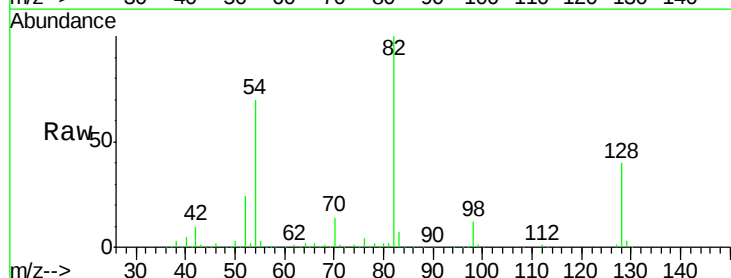
Instrument :
 BNA_F
 ClientSampled :

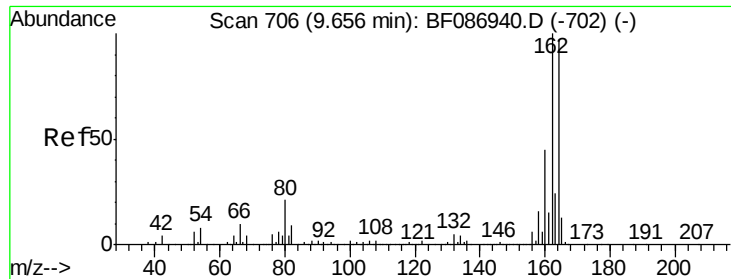
Tot Ion: 82 Resp: 1100097
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 70.0 38.1 57.1#



#25
 Isophorone
 Concen: 55.30 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

Tgt Ion: 82 Resp: 1077312
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.08 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

Instrument :

BNA_F

ClientSampleId :

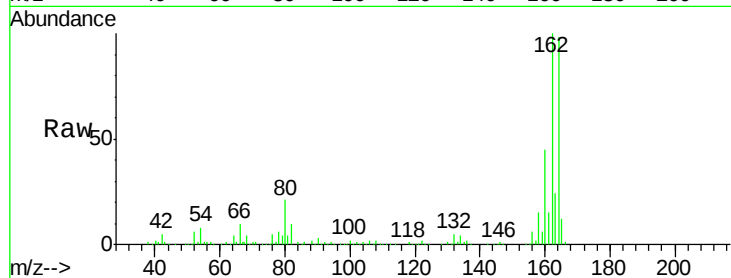
Tot Ion:164 Resp: 219100

Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

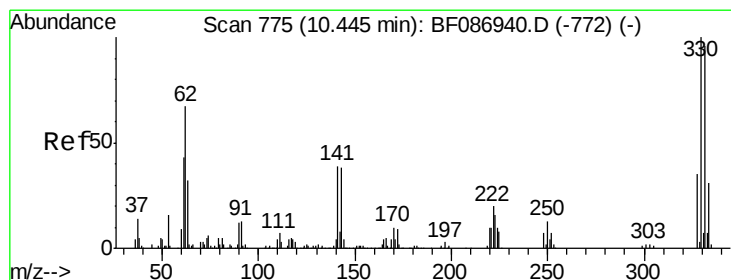
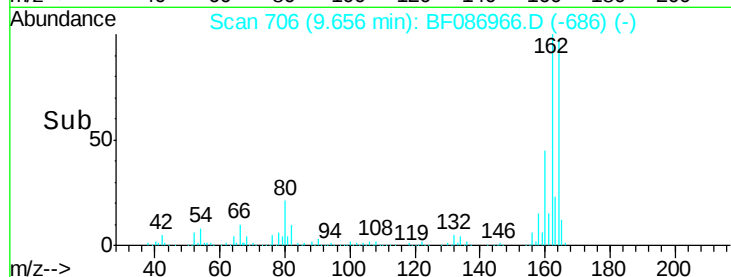
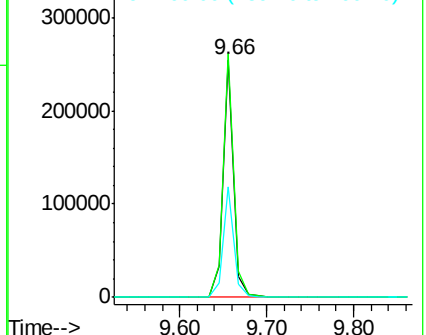
160 46.4 36.9 55.3



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: 110.28 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

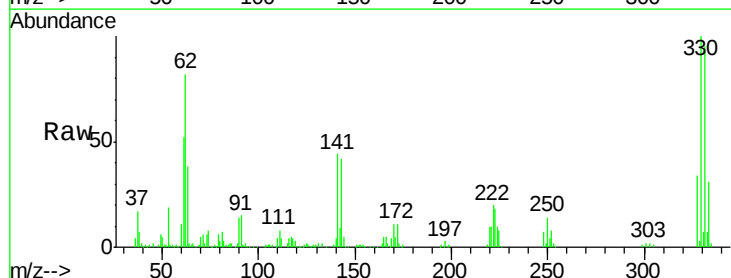
Tgt Ion:330 Resp: 255800

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

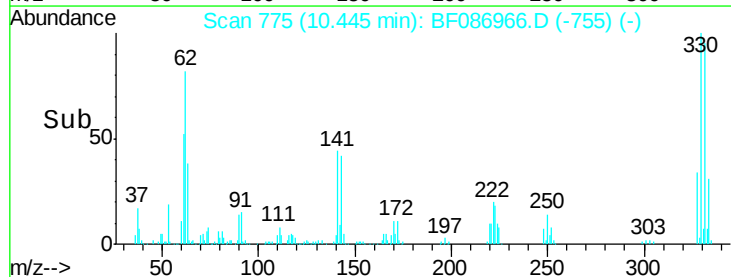
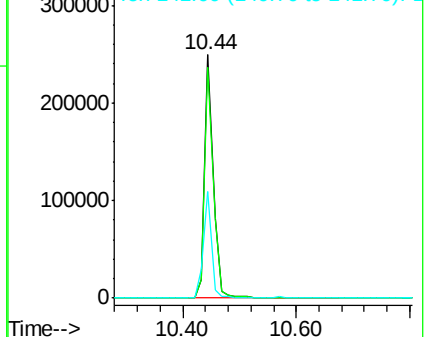
141 41.2 31.2 46.8

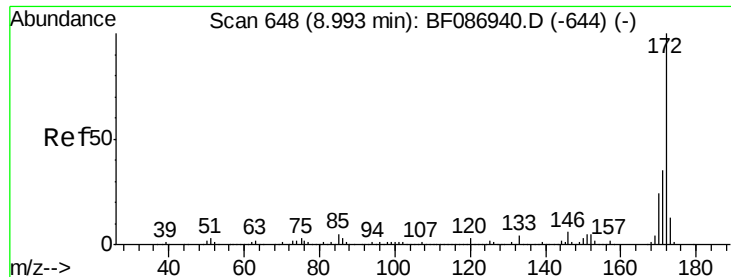


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

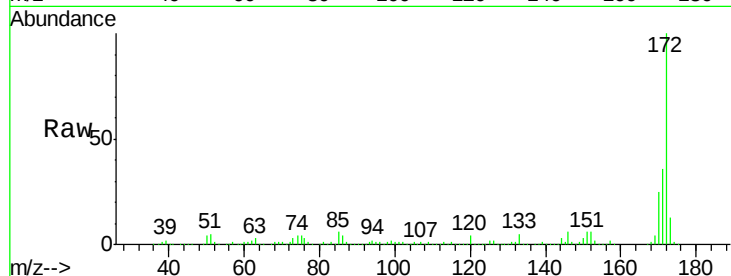




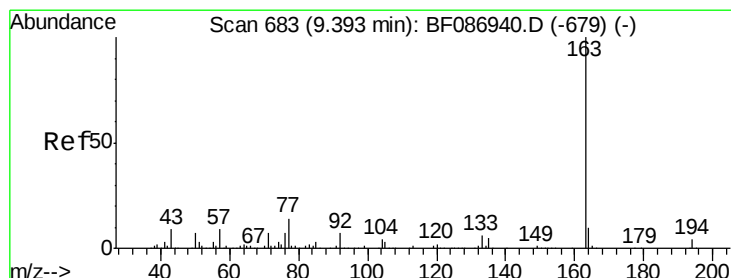
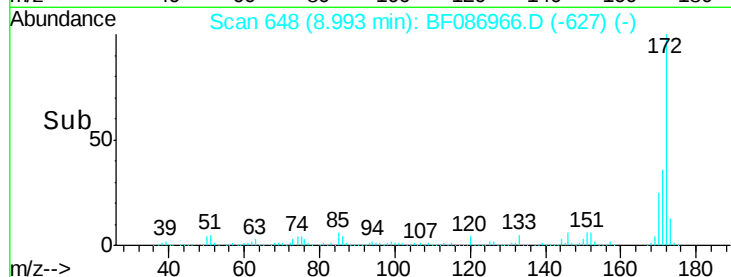
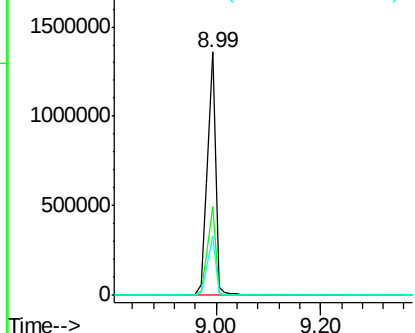
#44
 2-Fluorobiphenyl
 Concen: 113.01 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1473275
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.5 19.8 29.8

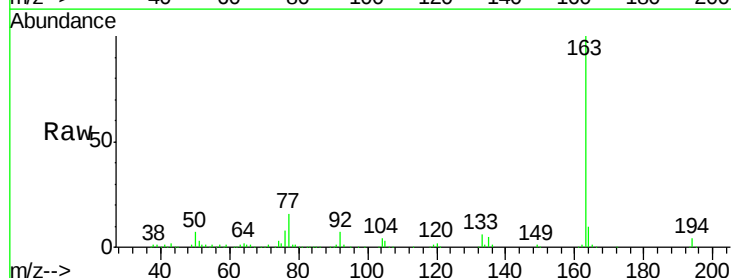


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

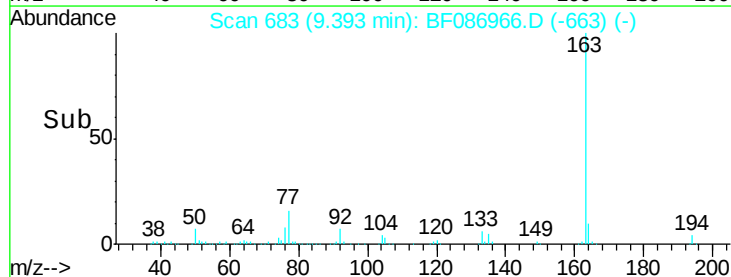
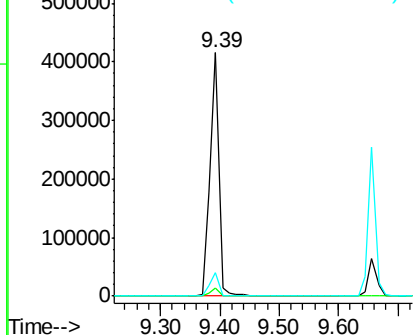


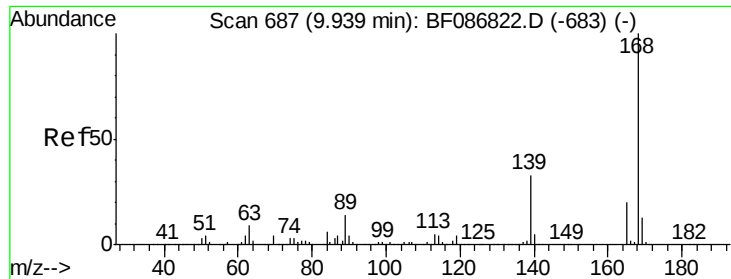
#49
 Dimethylphthalate
 Concen: 25.93 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.08 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

Tgt Ion:163 Resp: 433420
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

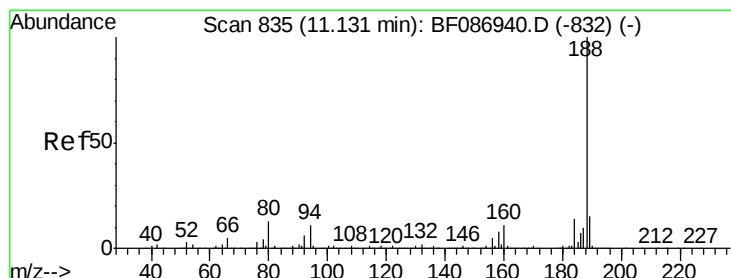
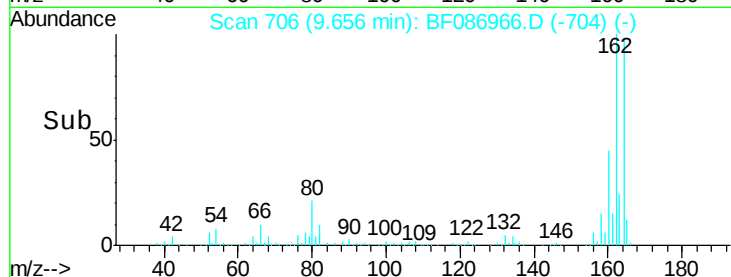
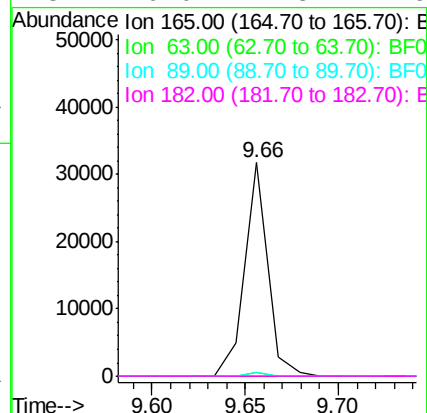
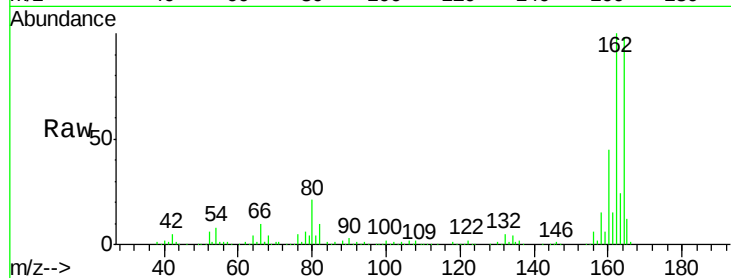




#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.28 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

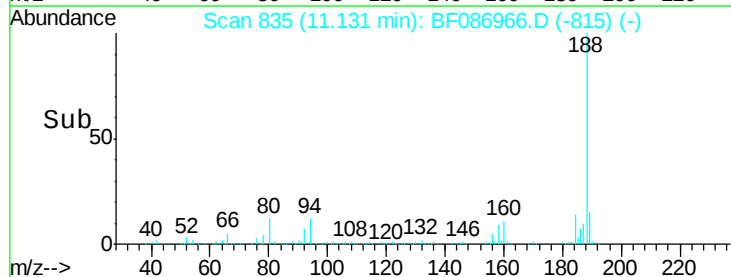
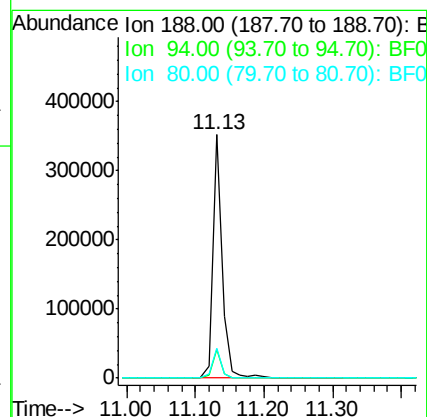
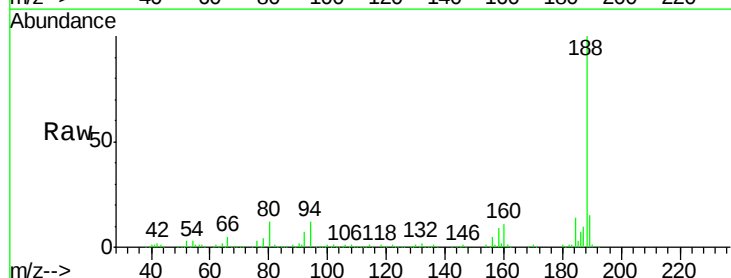
Instrument :
 BNA_F
 ClientSampleId :

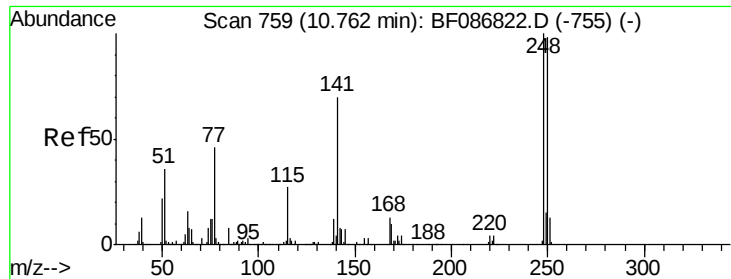
Tot Ion:165 Resp: 27479
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.3 66.5#
 89 1.7 70.0 105.0#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF086966.D
 Acq: 13 May 2016 10:35

Tgt Ion:188 Resp: 332807
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.8 10.2#
 80 12.5 7.1 10.7#

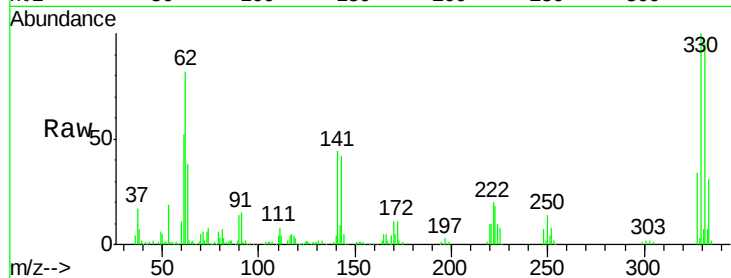




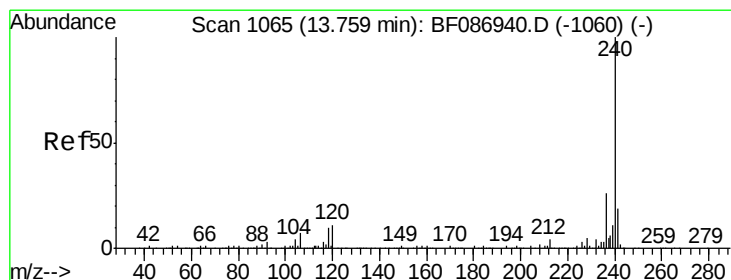
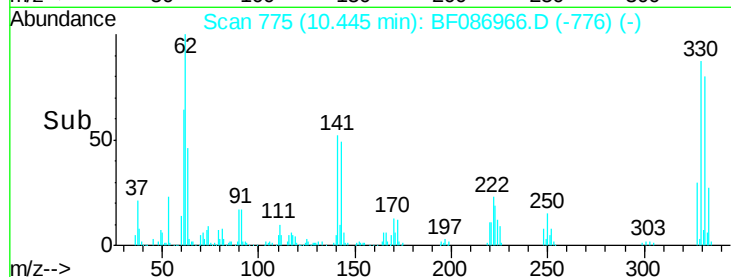
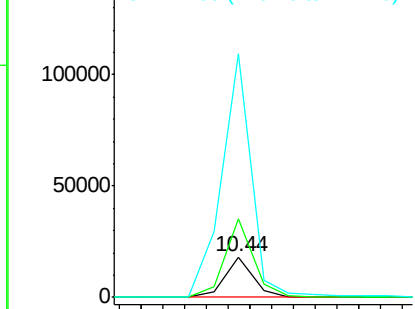
#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF086966.D
Acq: 13 May 2016 10:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16243
Ion Ratio Lower Upper
248 100
250 193.0 78.6 117.8#
141 601.9 76.0 114.0#

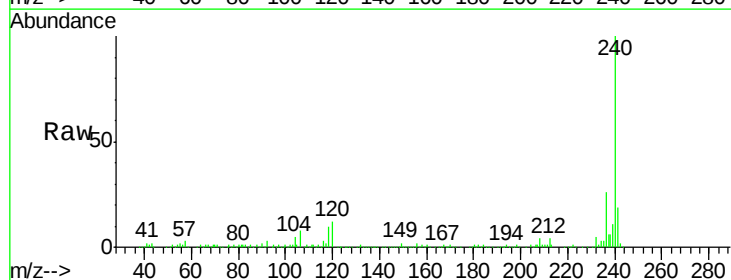


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

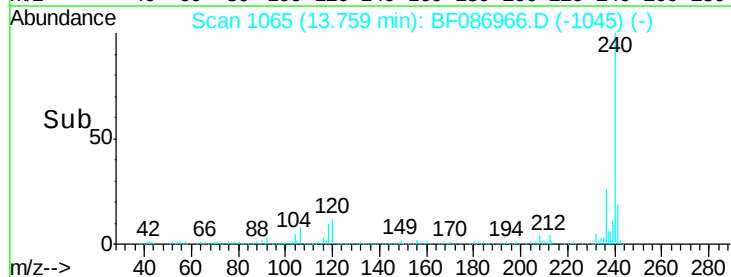
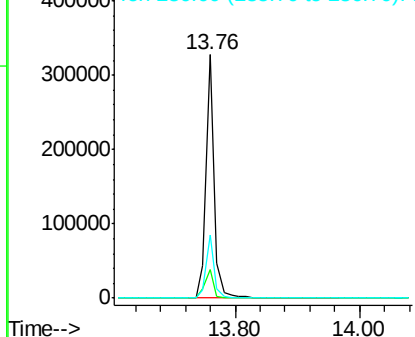


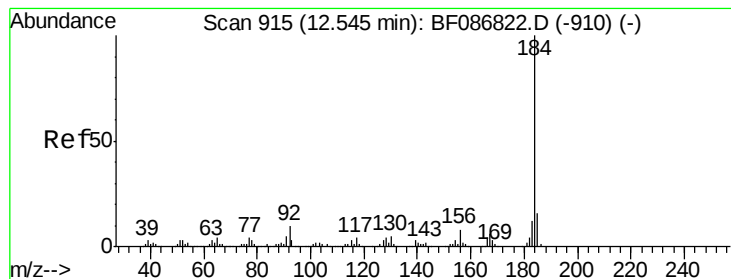
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF086966.D
Acq: 13 May 2016 10:35

Tgt Ion:240 Resp: 301264
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 26.2 21.2 31.8



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





#76

Benzidine

Concen: 2.12 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.17 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

Instrument :

BNA_F

ClientSampleId :

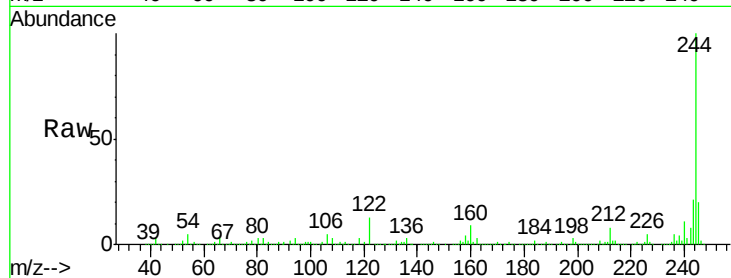
Tot Ion:184 Resp: 16320

Ion Ratio Lower Upper

184 100

185 18.3 13.6 20.4

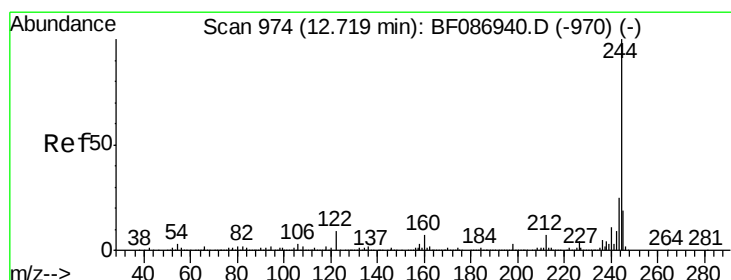
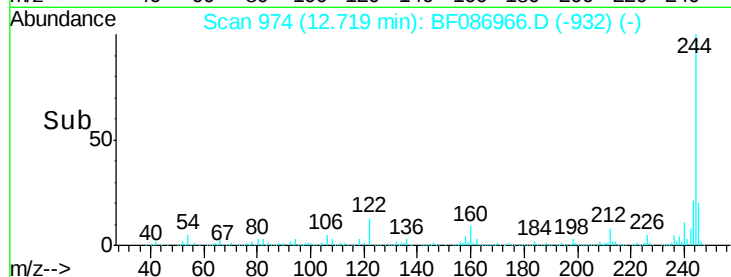
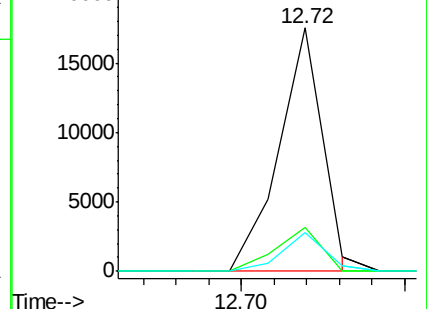
183 16.0 9.8 14.6#



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



#78

Terphenyl-d14

Concen: 70.93 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF086966.D

Acq: 13 May 2016 10:35

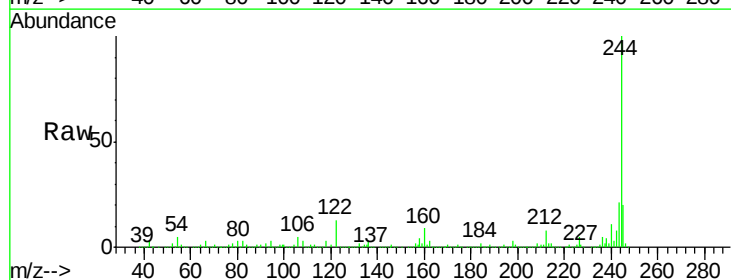
Tgt Ion:244 Resp: 1007178

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

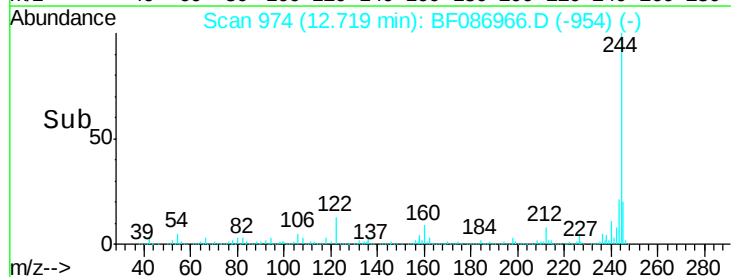
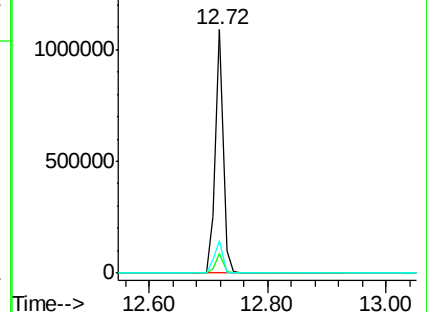
122 13.1 12.0 18.0

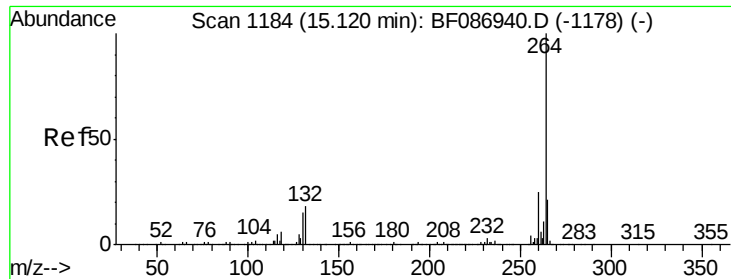


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF086966.D
Acq: 13 May 2016 10:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.6	17.3	25.9

