

Data Path : Z:\HPCHEM1\BNA F\Data\BF020316\
 Data File : BF084821.D
 Acq On : 4 Feb 2016 8:20
 Operator : SJ/IZ
 Sample : H1322-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 10:02:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

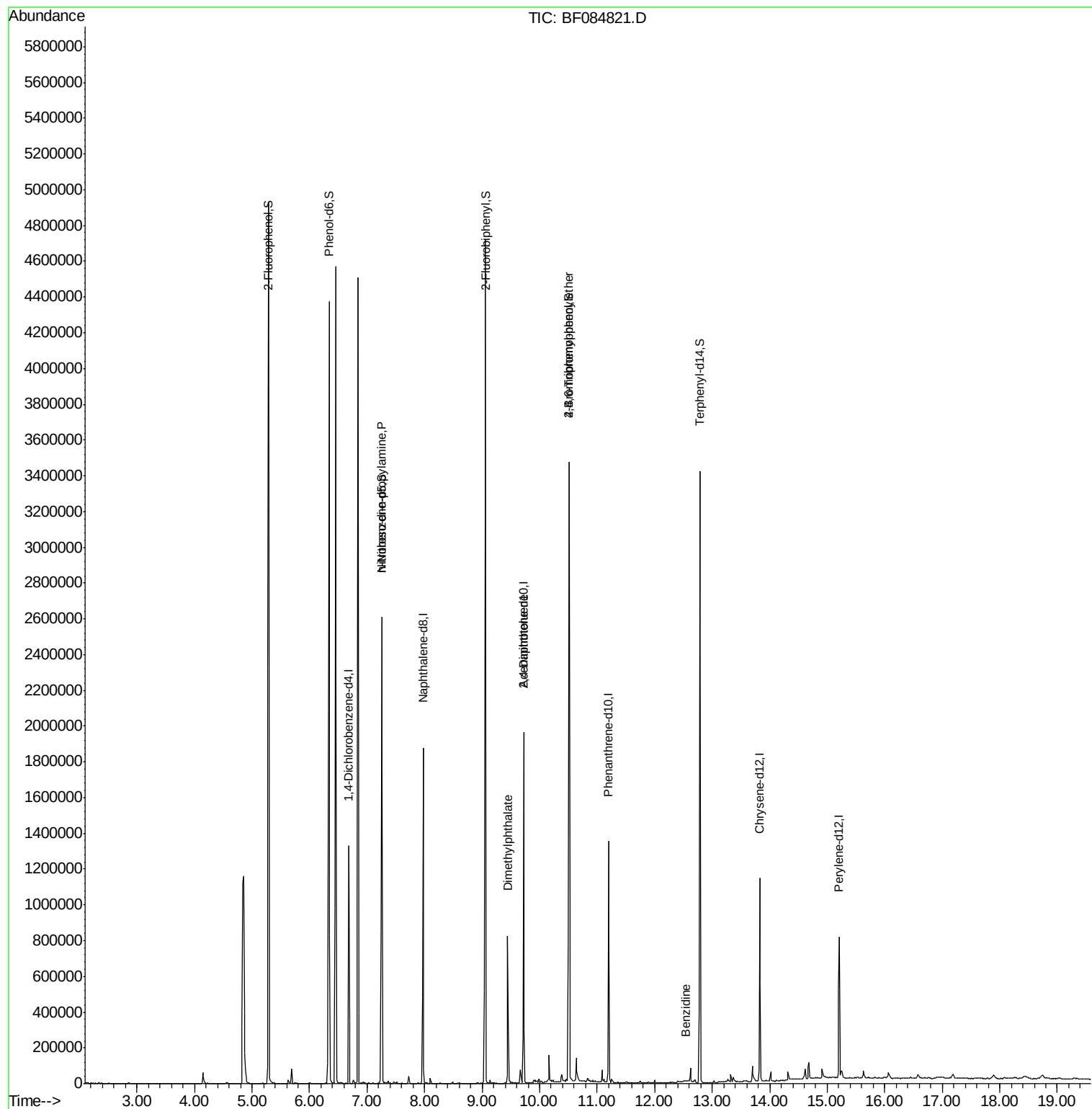
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	188929	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	837882	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	369740	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	620322	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	448353	20.00	ng	-0.01
86) Perylene-d12	15.21	264	374400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1476036	121.69	ng	0.01
7) Phenol-d6	6.34	99	1776424	118.14	ng	0.00
23) Nitrobenzene-d5	7.25	82	1221313	82.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	456396	118.34	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1958640	91.59	ng	0.00
78) Terphenyl-d14	12.78	244	1471052	74.35	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	165407	17.55	ng	# 73
49) Dimethylphthalate	9.45	163	363754	12.92	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	47151	6.01	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	26951	3.93	ng	# 1
76) Benzidine	12.54	184	904	6.93	ng	# 66

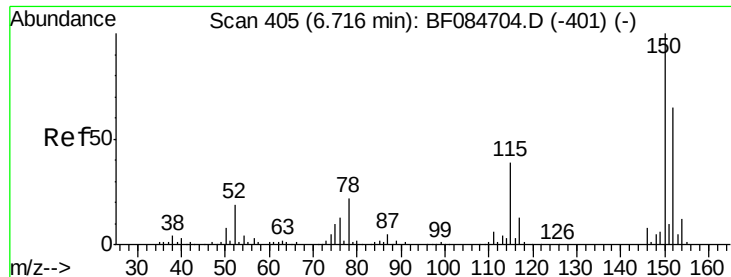
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Instrument :

BNA_F

ClientSampleId :

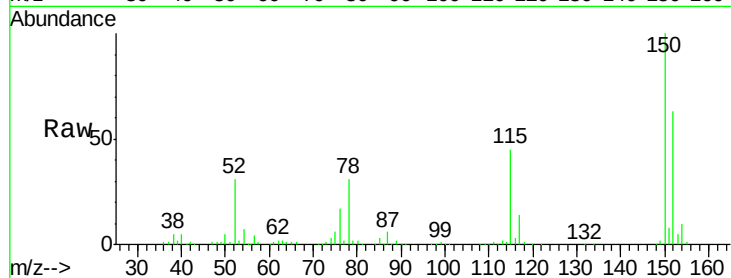
Tot Ion:152 Resp: 188929

Ion Ratio Lower Upper

152 100

150 159.1 123.0 184.4

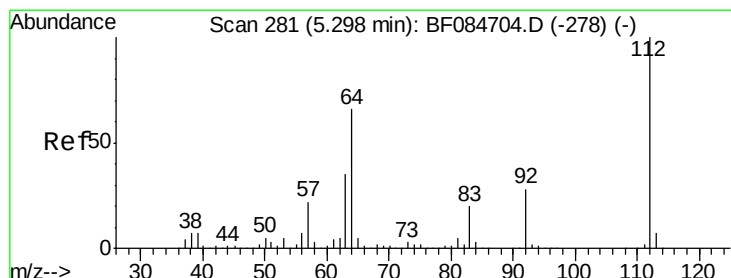
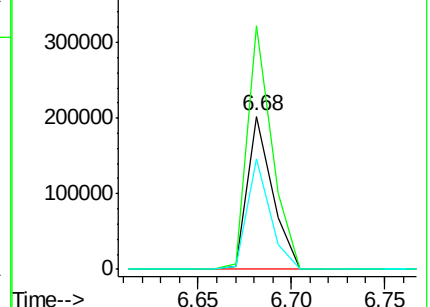
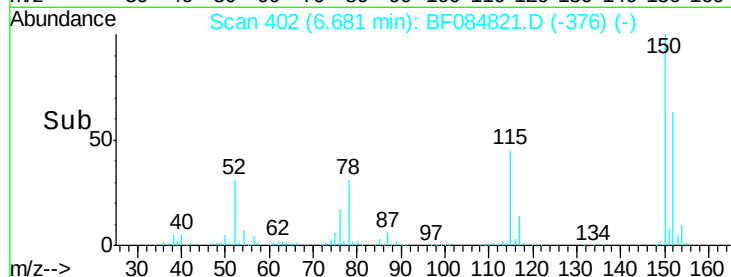
115 71.9 51.4 77.2



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: 121.69 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

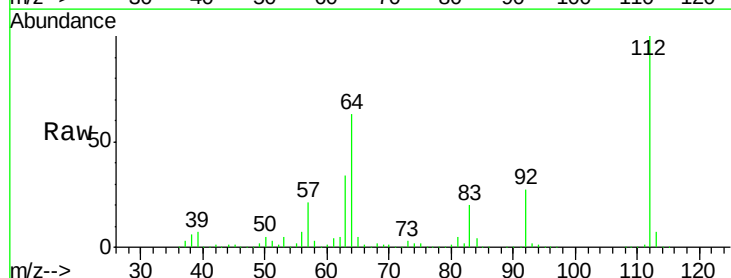
Tgt Ion:112 Resp: 1476036

Ion Ratio Lower Upper

112 100

64 63.3 36.6 55.0#

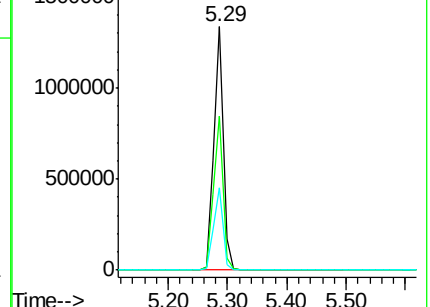
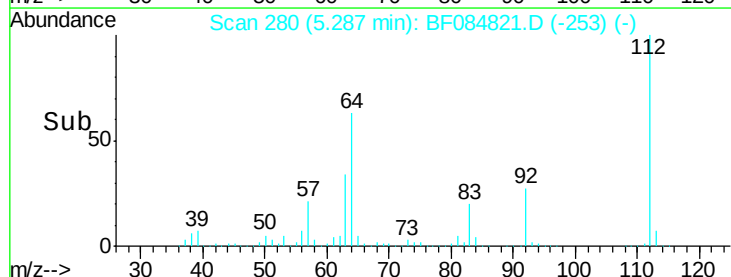
63 33.6 19.4 29.0#

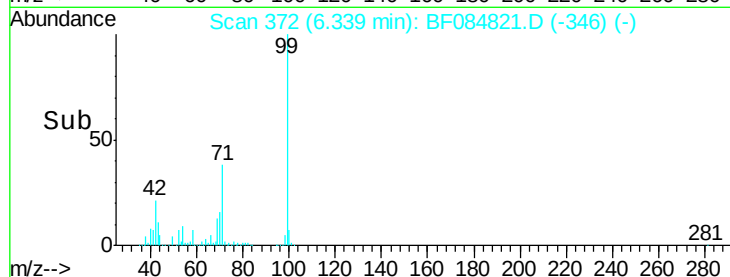
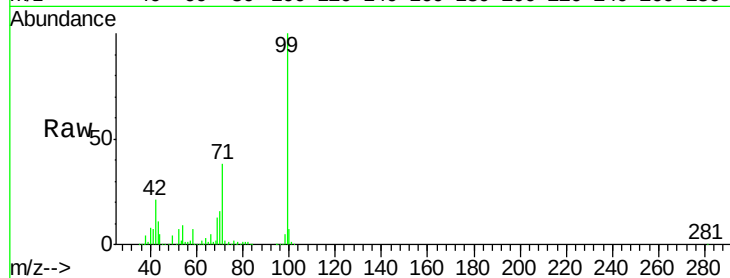
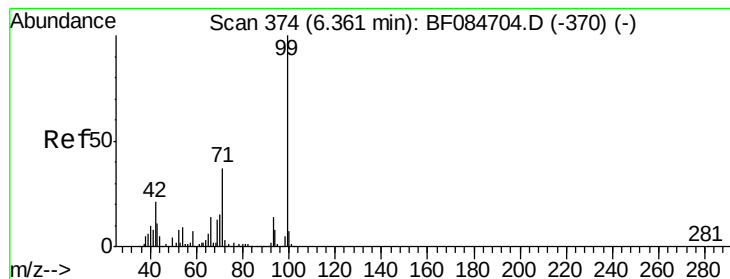


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.14 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

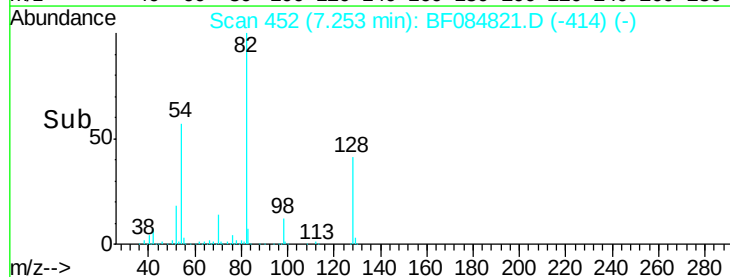
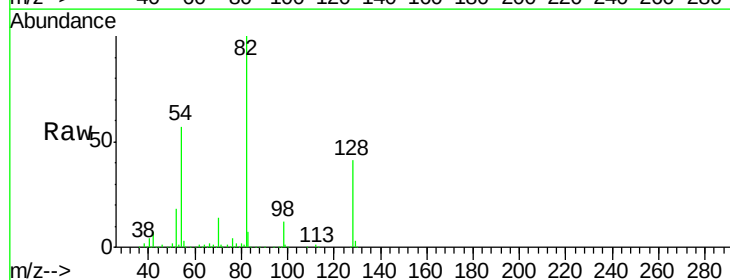
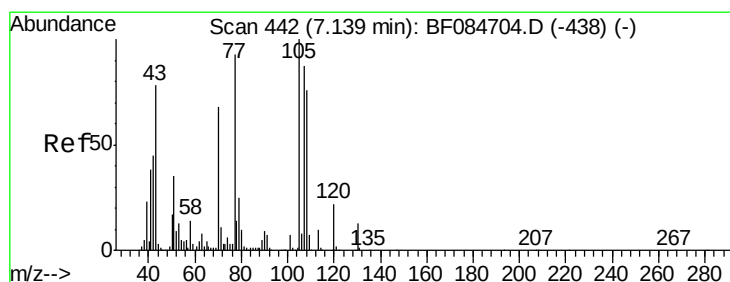
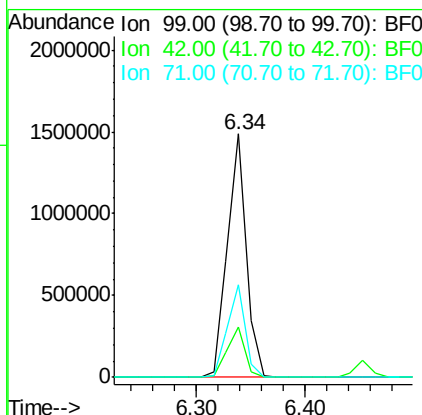
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1776424

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	38.2	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.55 ng

RT: 7.25 min Scan# 452

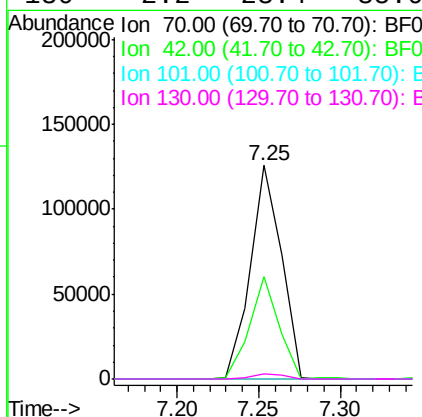
Delta R.T. 0.14 min

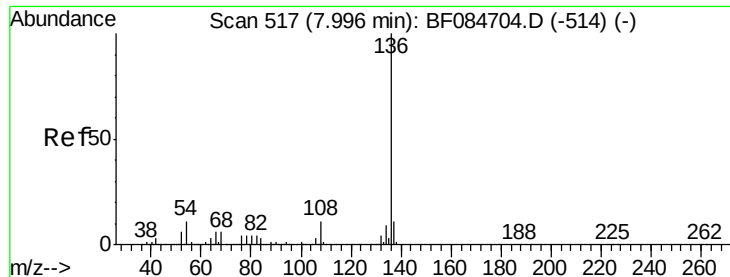
Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Tgt Ion: 70 Resp: 165407

Ion	Ratio	Lower	Upper
70	100		
42	48.0	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#

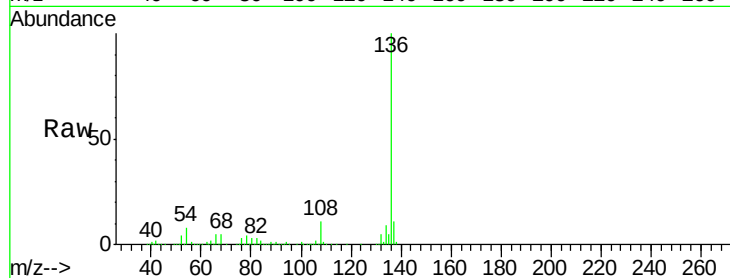




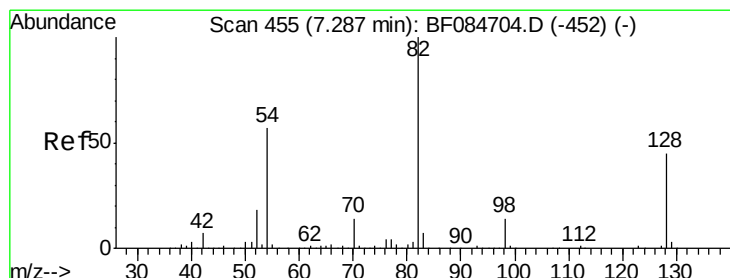
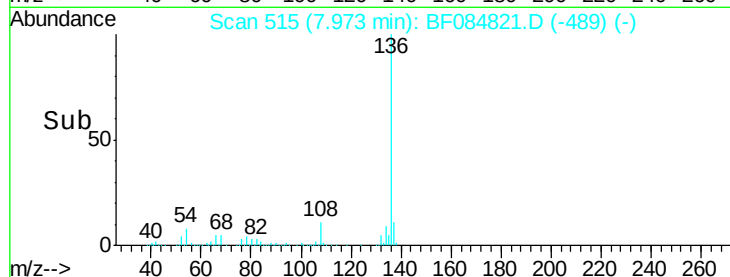
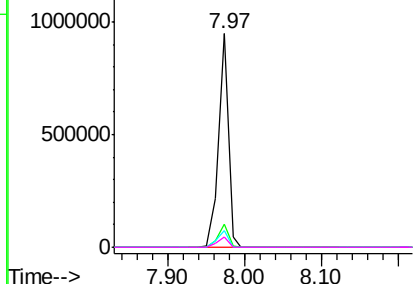
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084821.D
Acq: 4 Feb 2016 8:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	837882
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.9	5.8	8.8
68	4.7	4.2	6.2

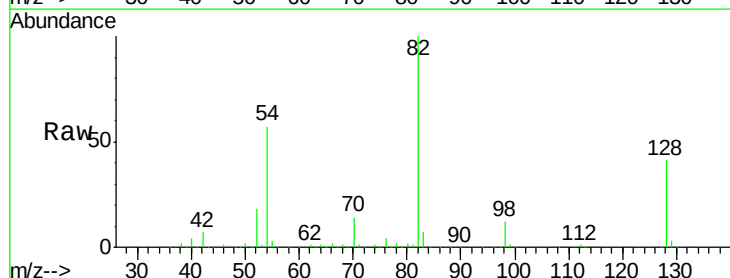


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

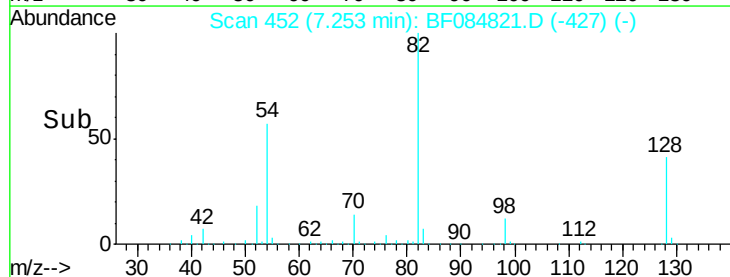
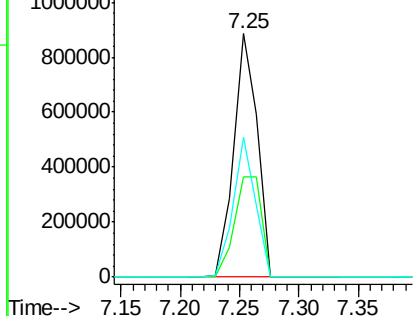


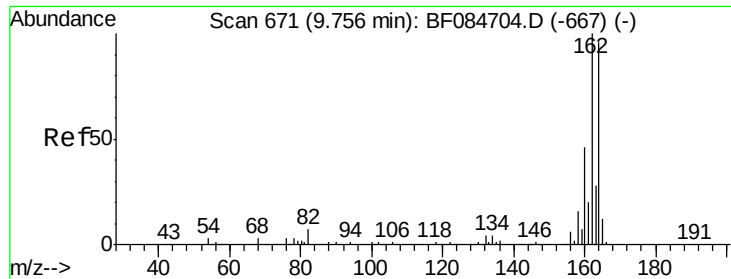
#23
Nitrobenzene-d5
Concen: 82.11 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084821.D
Acq: 4 Feb 2016 8:20

Tgt Ion:	82	Resp:	1221313
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	51.8
54	57.3	38.4	57.6



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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Instrument :

BNA_F

ClientSampleId :

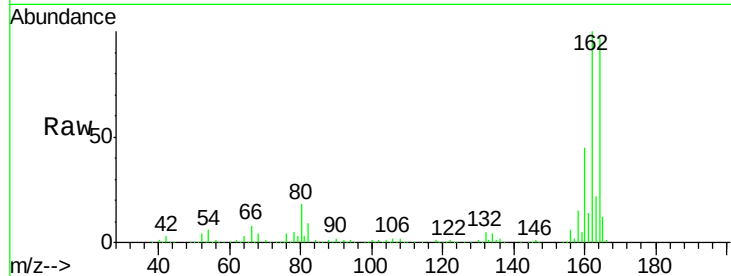
Tot Ion:164 Resp: 369740

Ion Ratio Lower Upper

164 100

162 103.4 85.1 127.7

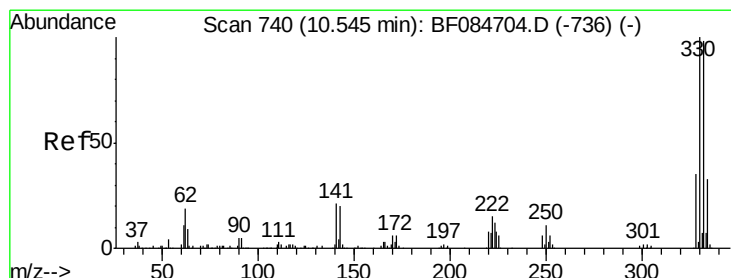
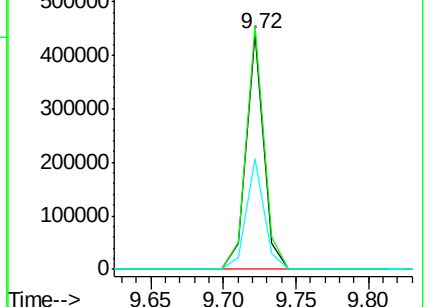
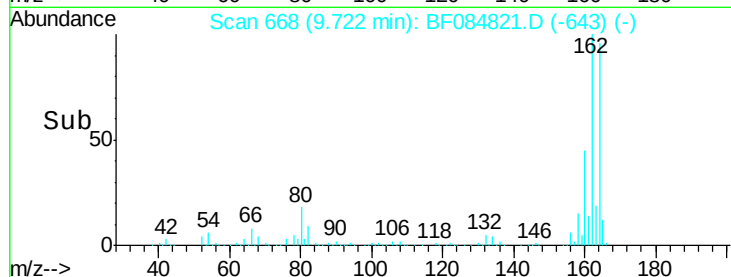
160 46.8 37.5 56.3



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: 118.34 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

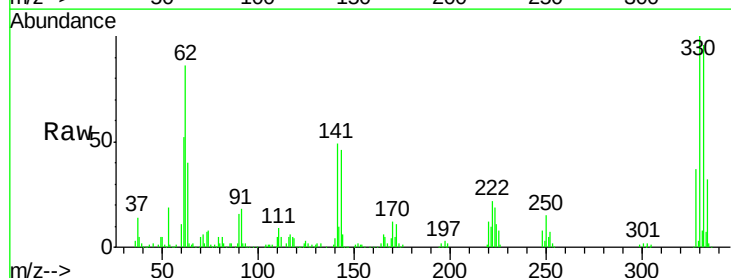
Tgt Ion:330 Resp: 456396

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

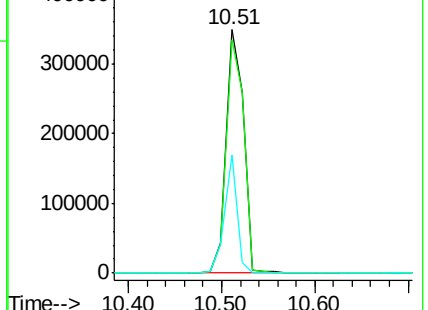
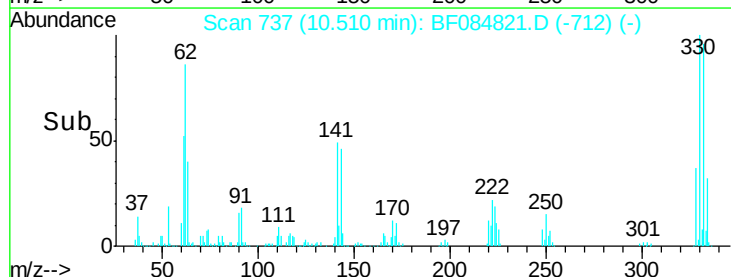
141 34.7 27.8 41.6

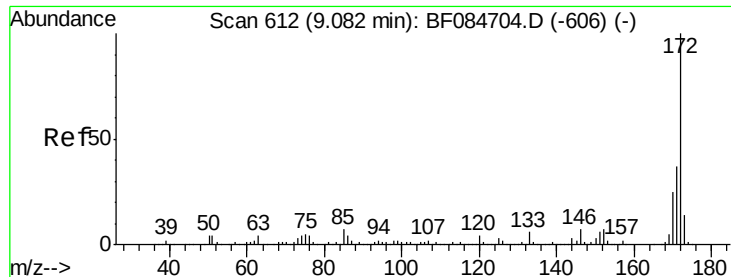


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

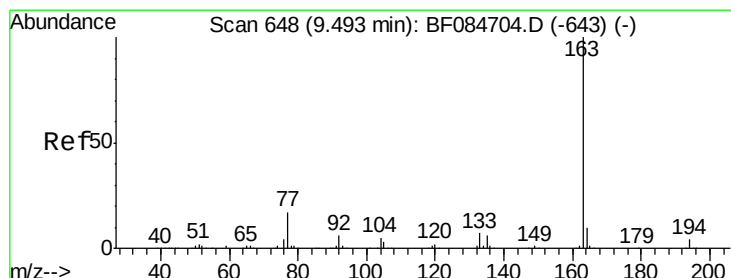
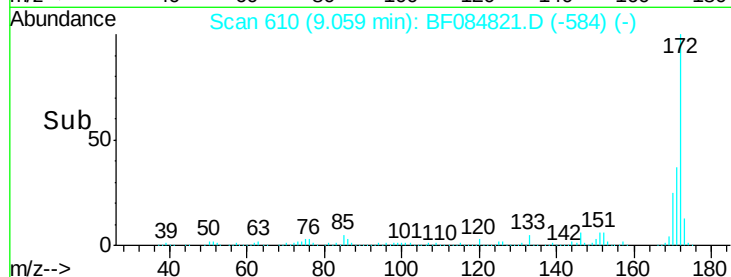
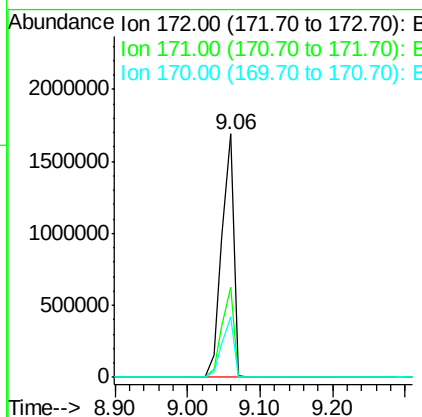
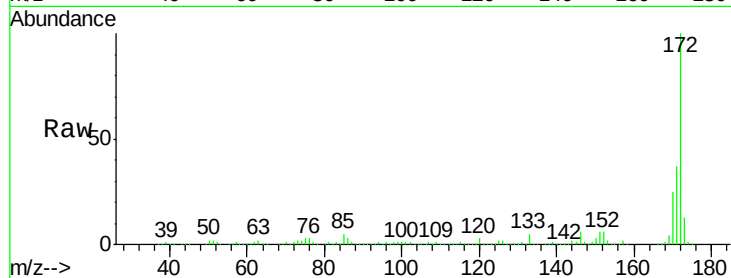




#44
2-Fluorobiphenyl
Concen: 91.59 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF084821.D
Acq: 4 Feb 2016 8:20

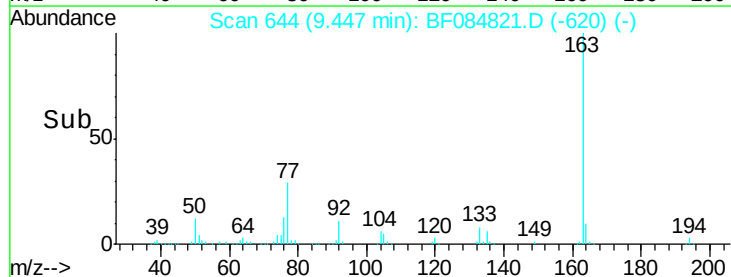
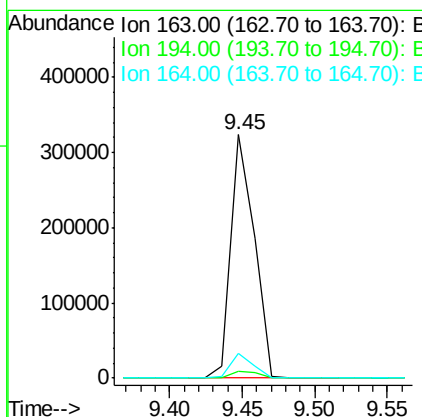
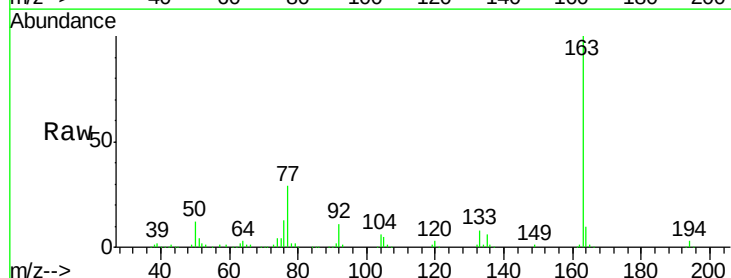
Instrument :
BNA_F
ClientSampleId :

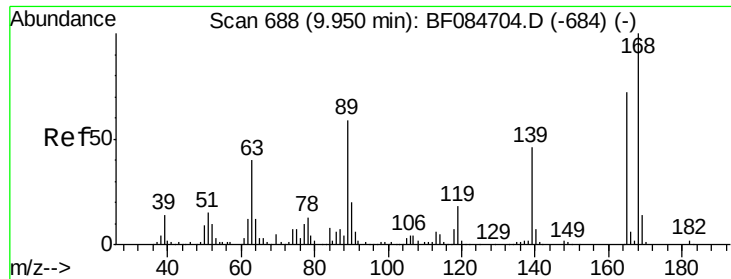
Tot Ion:172 Resp: 1958640
Ion Ratio Lower Upper
172 100
171 37.0 28.9 43.3
170 24.9 18.6 27.8



#49
Dimethylphthalate
Concen: 12.92 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084821.D
Acq: 4 Feb 2016 8:20

Tgt Ion:163 Resp: 363754
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.3 8.0 12.0

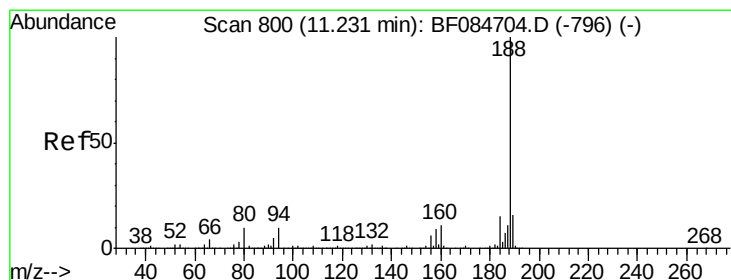
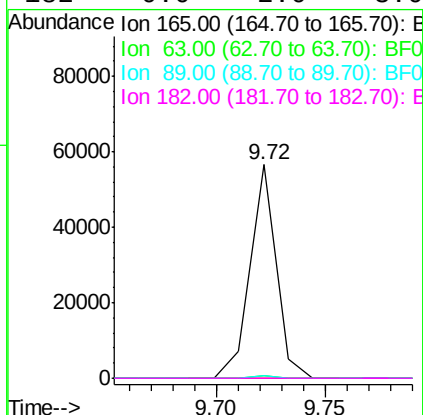
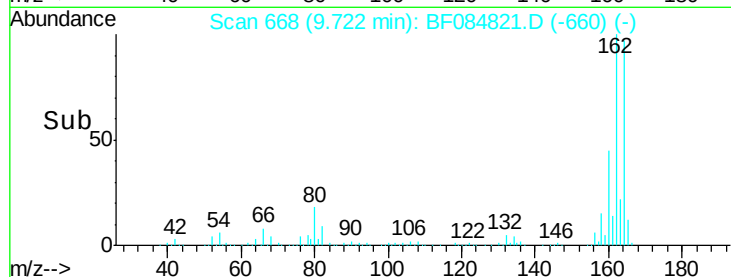
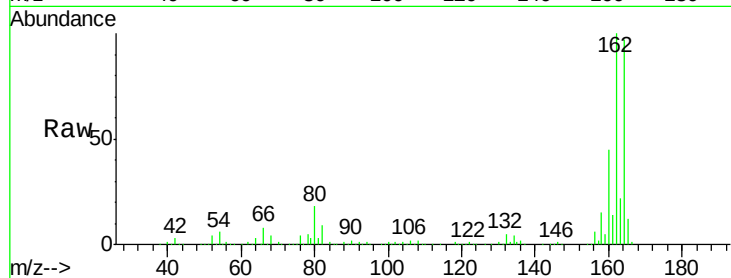




#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084821.D
Acq: 4 Feb 2016 8:20

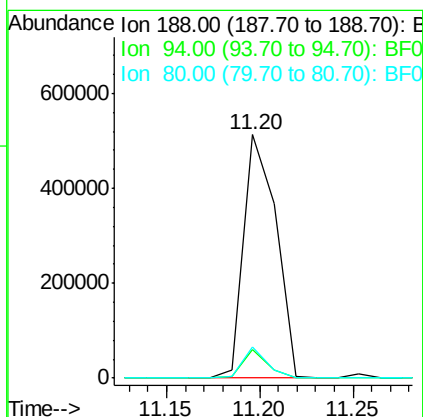
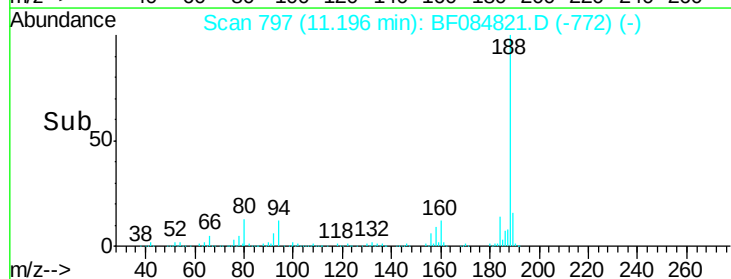
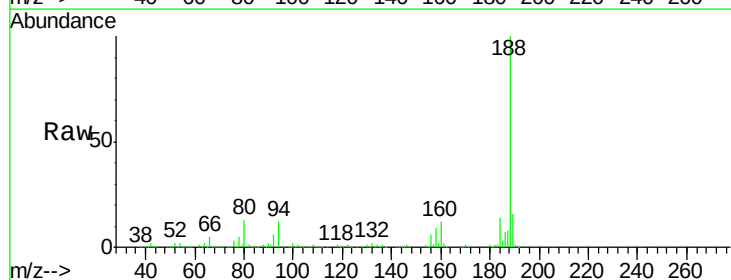
Instrument :
BNA_F
ClientSampleId :

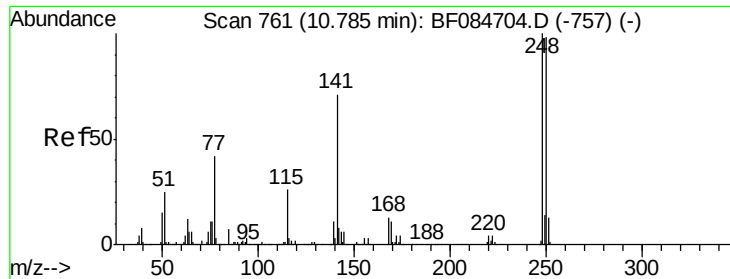
Tot Ion:165 Resp: 47151
Ion Ratio Lower Upper
165 100
63 1.4 36.7 55.1#
89 1.5 61.9 92.9#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084821.D
Acq: 4 Feb 2016 8:20

Tgt Ion:188 Resp: 620322
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.4
80 12.8 9.6 14.4





#66

4-Bromophenyl-phenylether

Concen: 3.93 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.25 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

Instrument :

BNA_F

ClientSampleId :

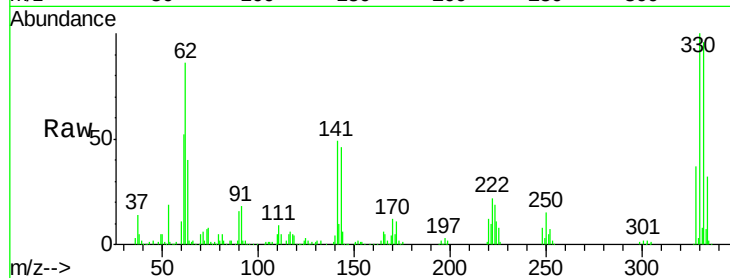
Tot Ion:248 Resp: 26951

Ion Ratio Lower Upper

248 100

250 195.6 78.4 117.6#

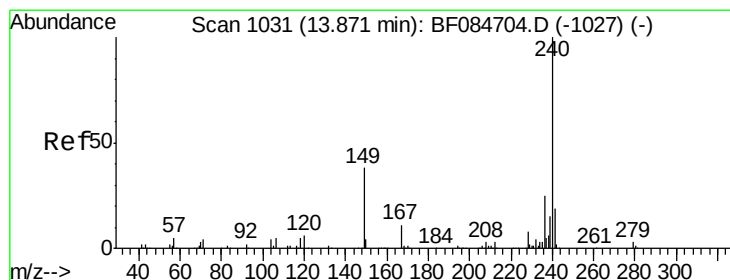
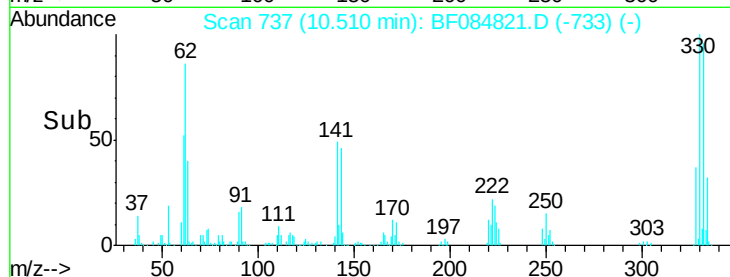
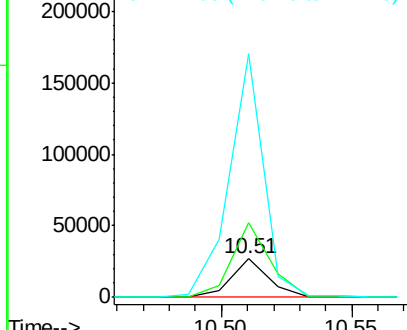
141 633.1 44.0 66.0#



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: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084821.D

Acq: 4 Feb 2016 8:20

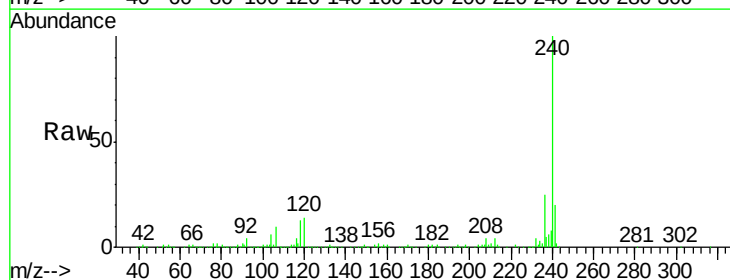
Tgt Ion:240 Resp: 448353

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

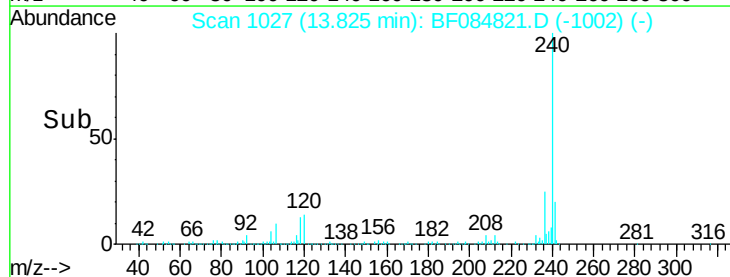
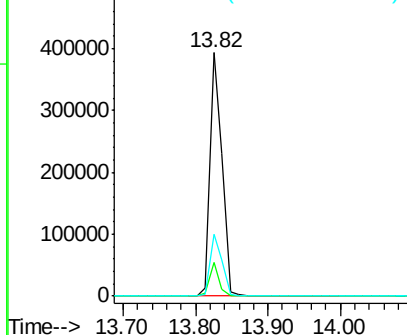
236 25.2 20.6 31.0

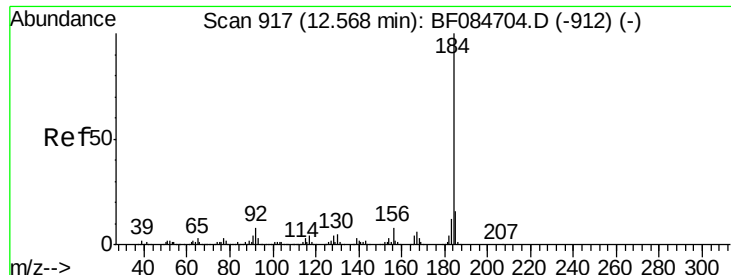


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

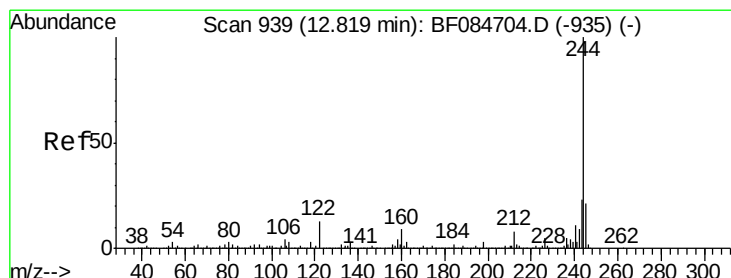
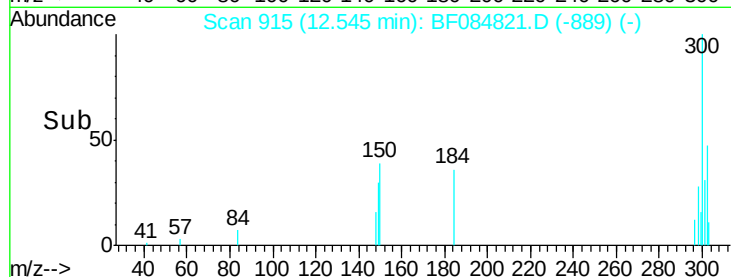
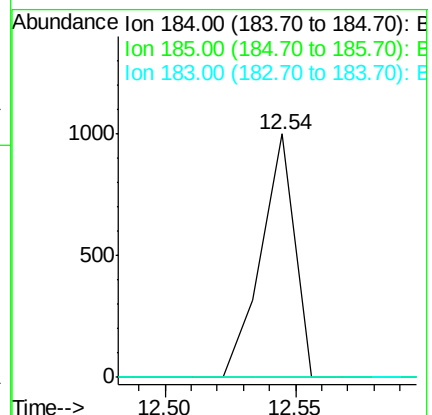
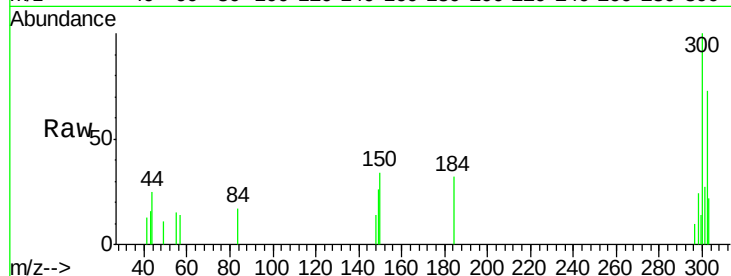




#76
Benzidine
Concen: 6.93 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF084821.D
Acq: 4 Feb 2016 8:20

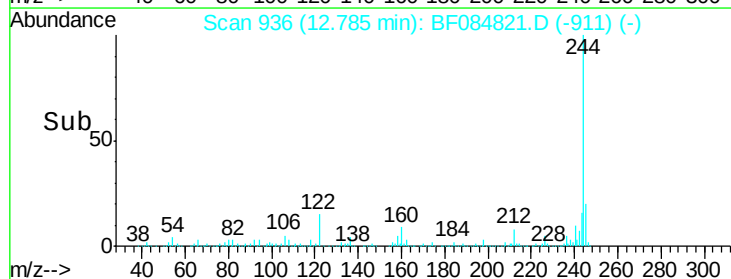
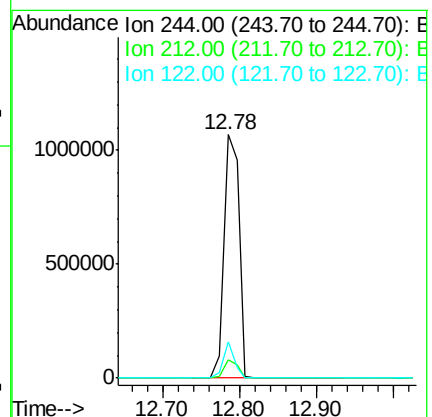
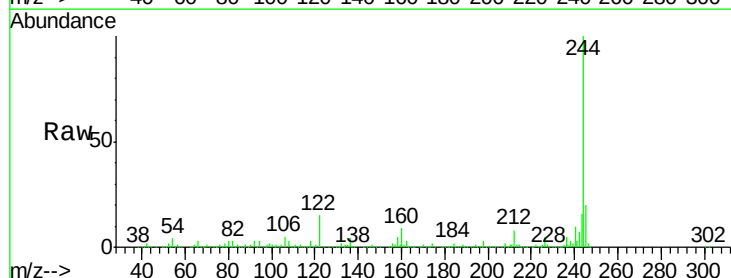
Instrument :
BNA_F
ClientSampleId :

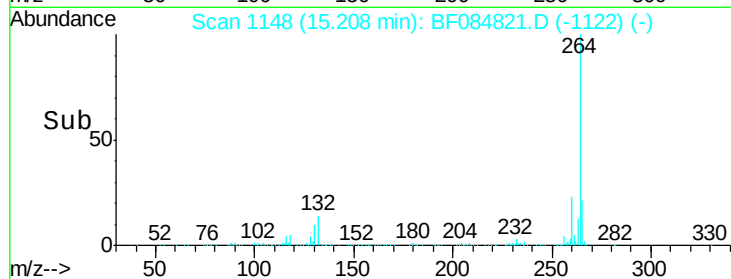
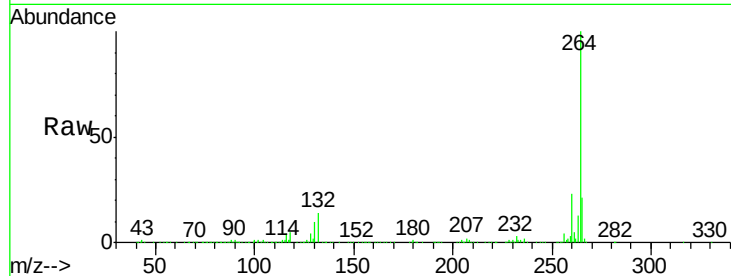
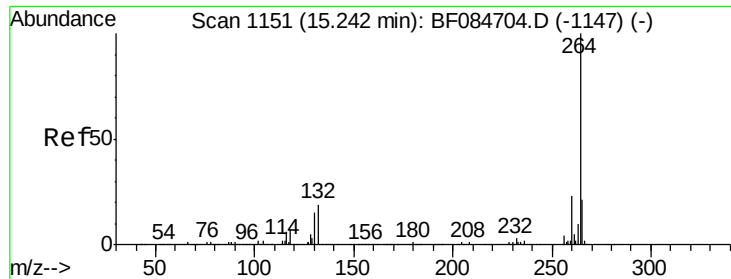
Tot Ion:184 Resp: 904
Ion Ratio Lower Upper
184 100
185 0.0 12.2 18.2#
183 0.0 9.8 14.8#



#78
Terphenyl-d14
Concen: 74.35 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF084821.D
Acq: 4 Feb 2016 8:20

Tgt Ion:244 Resp: 1471052
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 14.9 7.4 11.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084821.D
 Acq: 4 Feb 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.2	17.8	26.6

