

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081450.D
 Acq On : 5 Sep 2015 7:08
 Operator : UM/IZ
 Sample : G3526-23
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:58:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

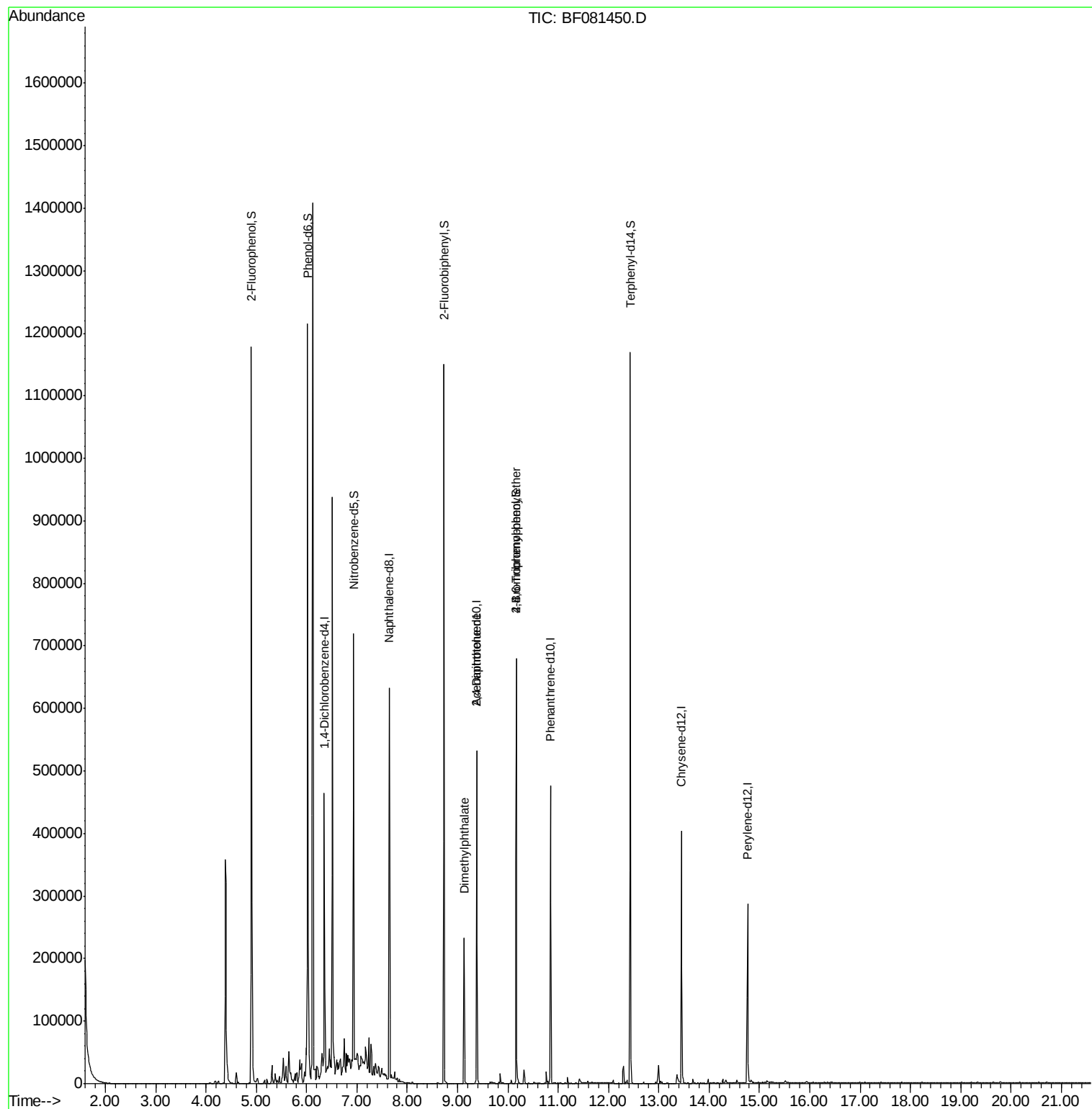
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	61259	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	241578	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	114526	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	220203	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	167770	20.00	ng	-0.01
86) Perylene-d12	14.77	264	130645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	298781	75.67	ng	0.00
7) Phenol-d6	6.02	99	355372	68.00	ng	-0.01
23) Nitrobenzene-d5	6.94	82	260861	52.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	80130	78.58	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	367117	41.08	ng	0.00
78) Terphenyl-d14	12.43	244	353294	49.02	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.13	163	83494	9.38	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	13820	5.37	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	6120	2.75	ng	# 1

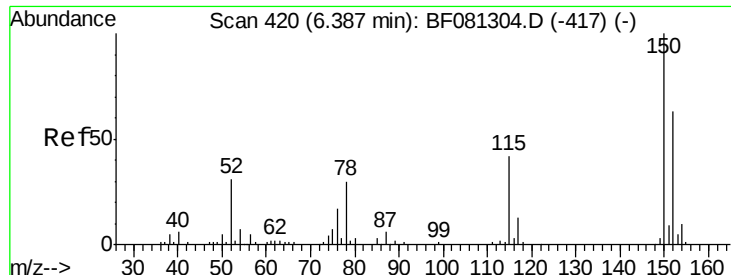
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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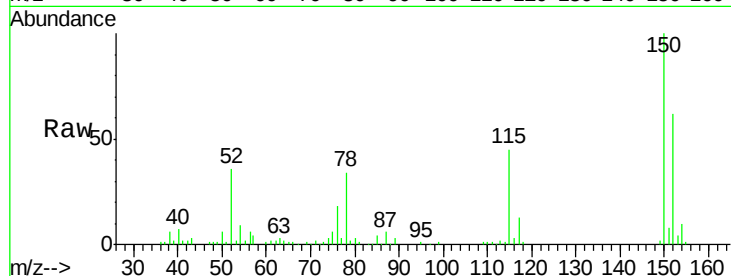


#1

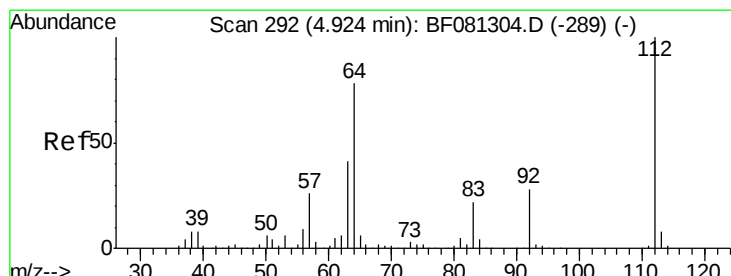
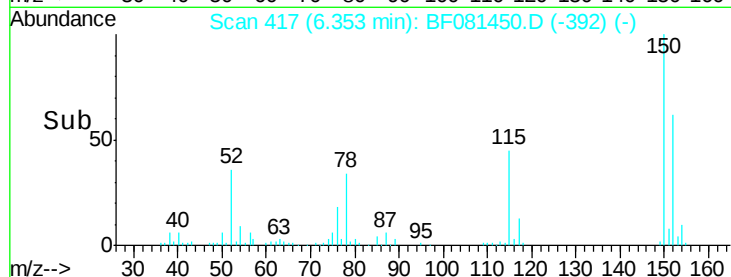
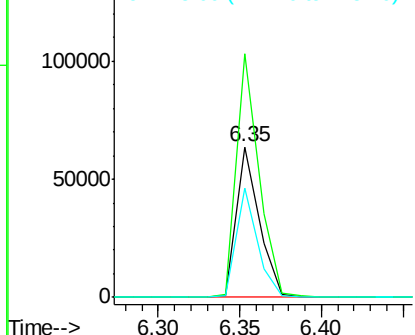
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081450.D
Acq: 5 Sep 2015 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.7	187.1
115	72.3	39.0	58.4



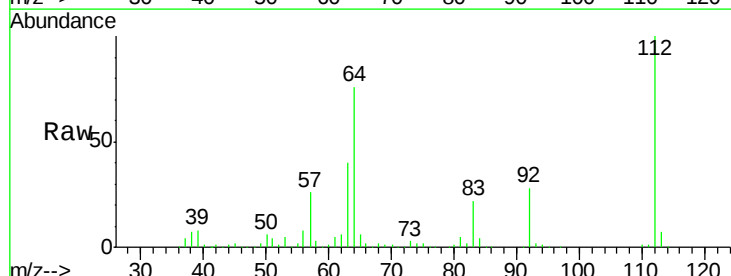
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



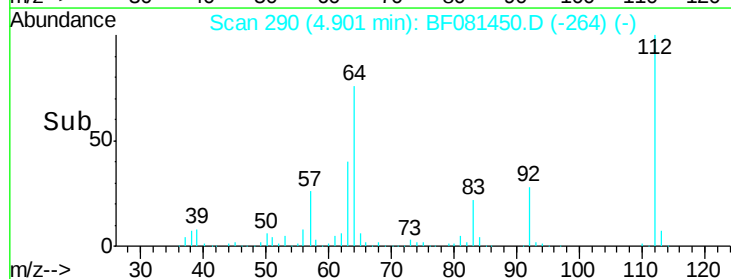
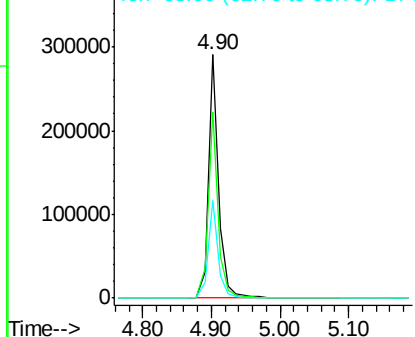
#5

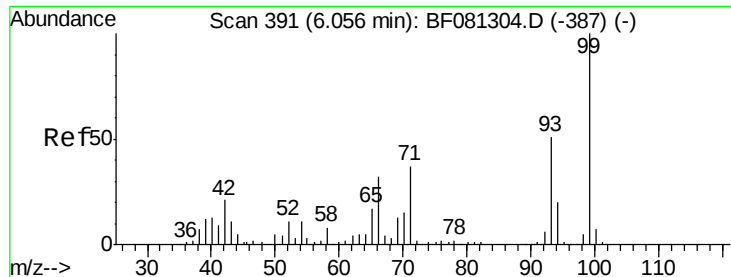
2-Fluorophenol
Concen: 75.67 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.00 min
Lab File: BF081450.D
Acq: 5 Sep 2015 7:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.2	39.7	59.5
63	40.2	17.4	26.0



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: 68.00 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081450.D

Acq: 5 Sep 2015 7:08

Instrument :

BNA_F

ClientSampled :

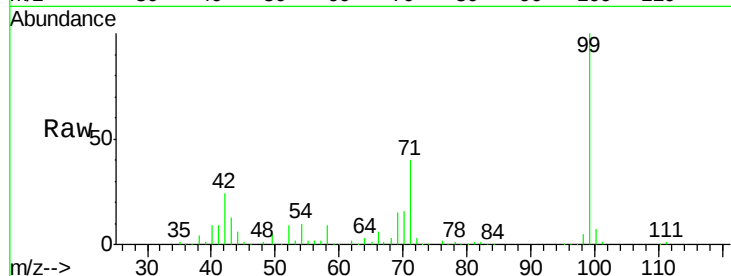
Tot Ion: 99 Resp: 355372

Ion Ratio Lower Upper

99 100

42 24.3 13.7 20.5#

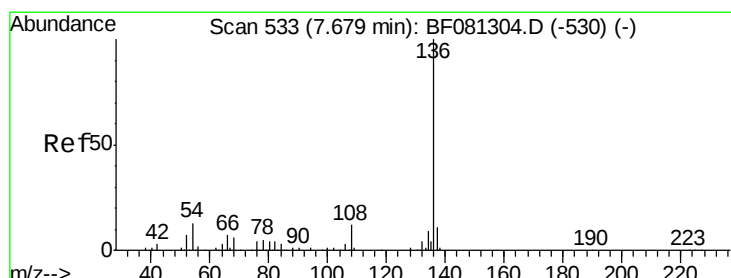
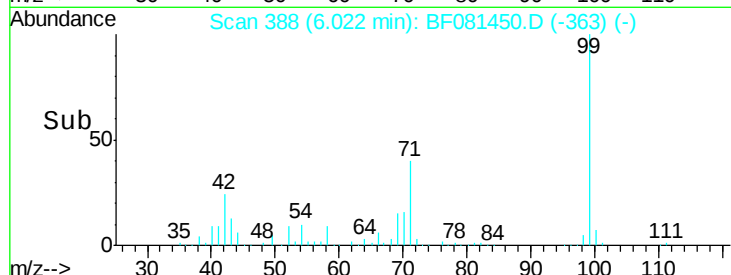
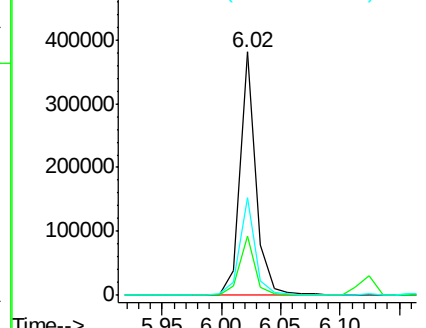
71 39.9 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081450.D

Acq: 5 Sep 2015 7:08

Tgt Ion: 136 Resp: 241578

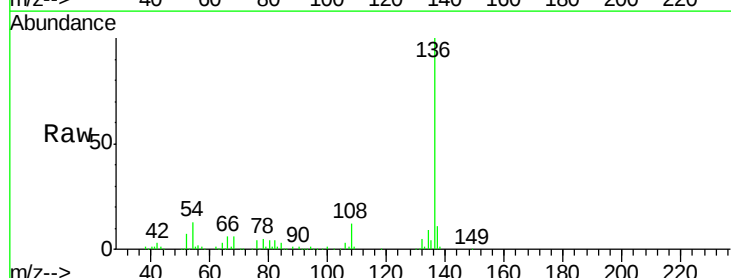
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 12.8 8.2 12.2#

68 5.5 5.8 8.6#

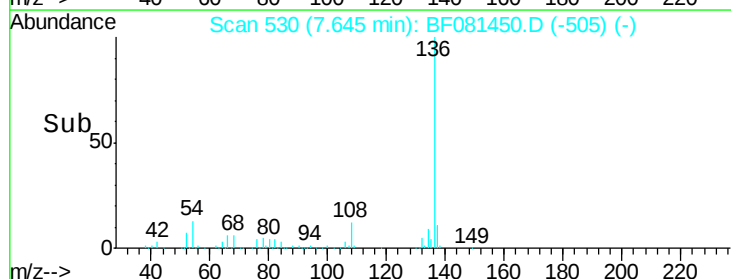
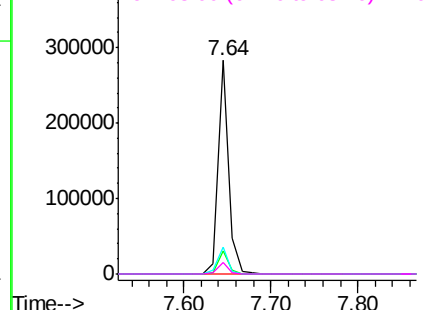


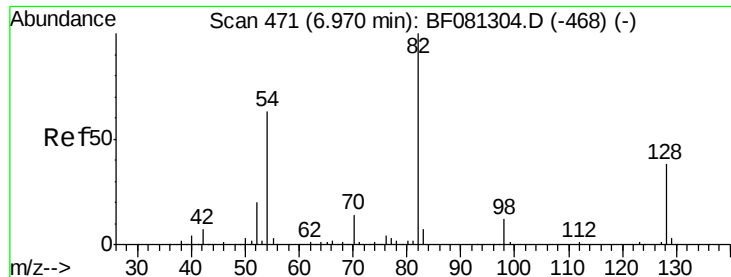
Abundance Ion 136.00 (135.70 to 136.70): E

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

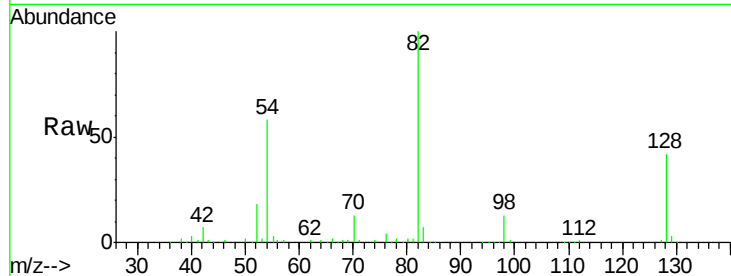




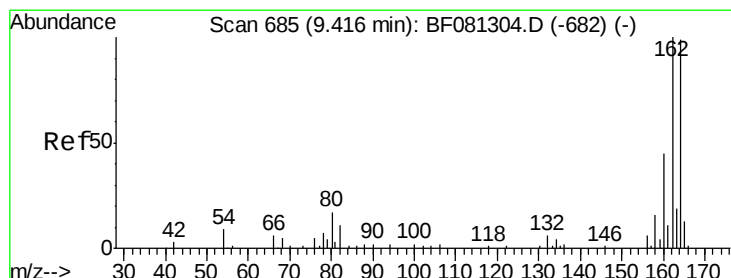
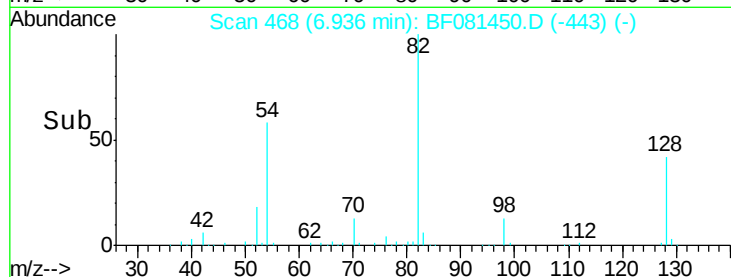
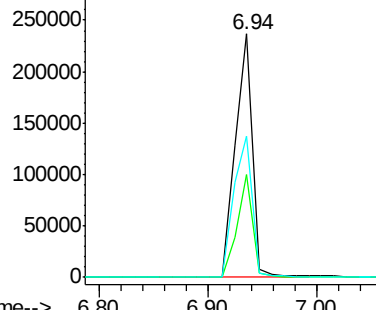
#23
 Nitrobenzene-d5
 Concen: 52.10 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 260861
 Ion Ratio Lower Upper
 82 100
 128 42.0 51.0 76.6#
 54 58.2 47.5 71.3

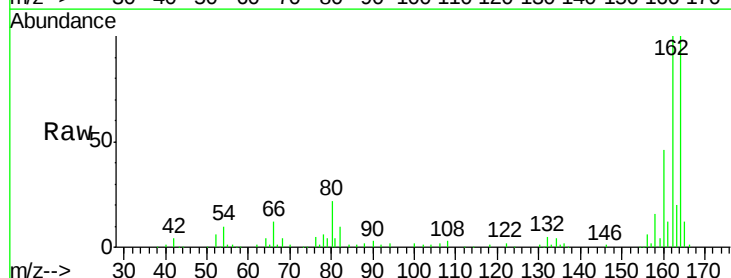


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

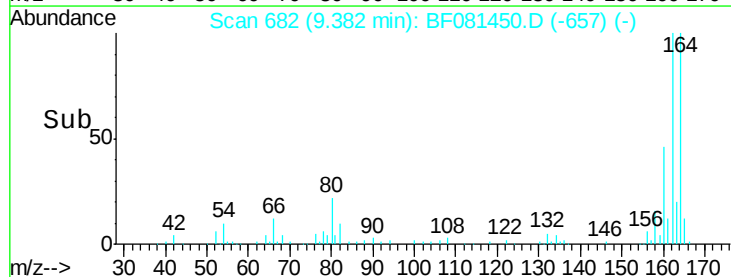
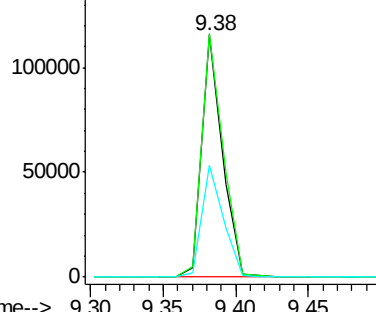


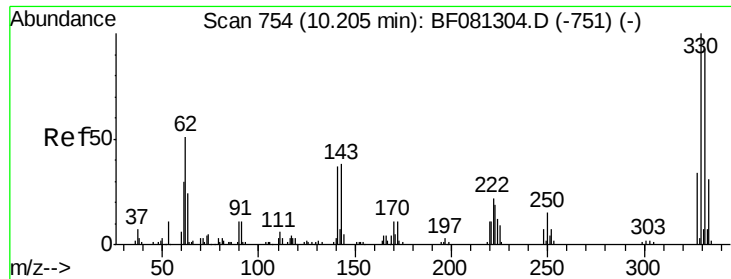
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Tgt Ion: 164 Resp: 114526
 Ion Ratio Lower Upper
 164 100
 162 100.5 75.2 112.8
 160 46.2 31.5 47.3



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

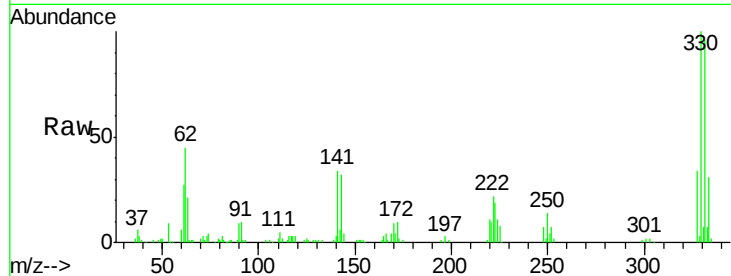




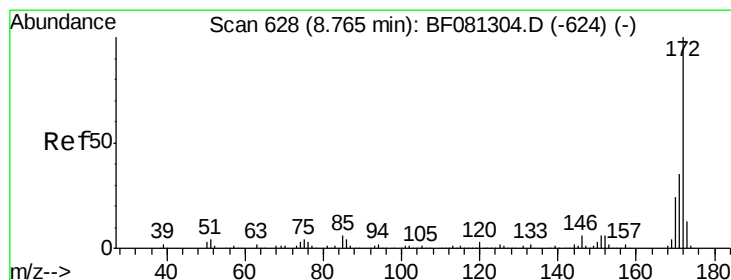
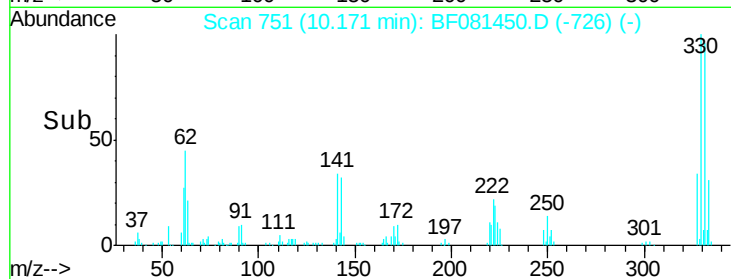
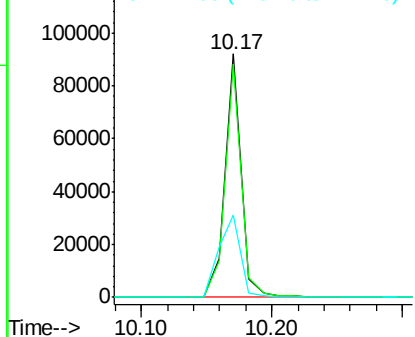
#41
 2,4,6-Tribromophenol
 Concen: 78.58 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 80130
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 44.9 29.7 44.5#

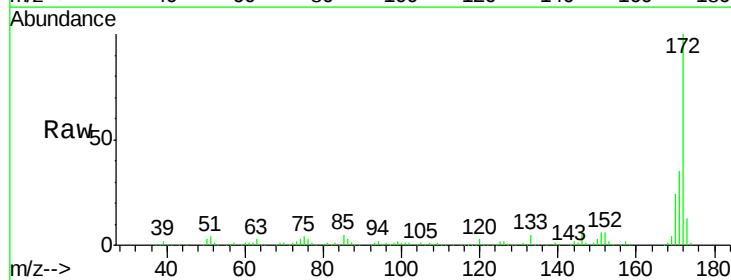


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

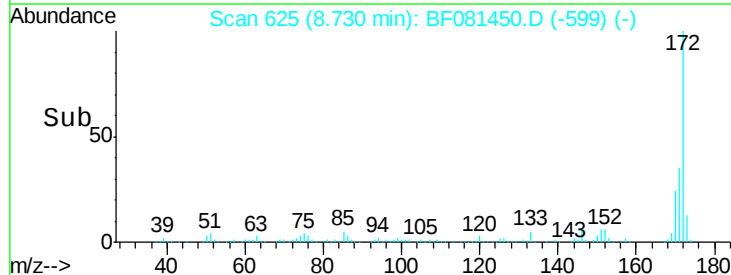
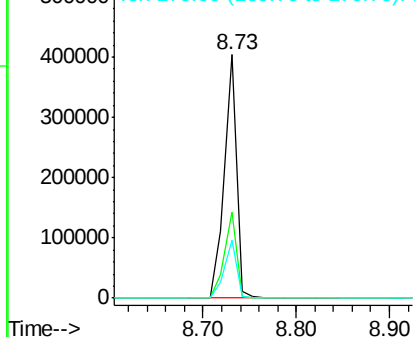


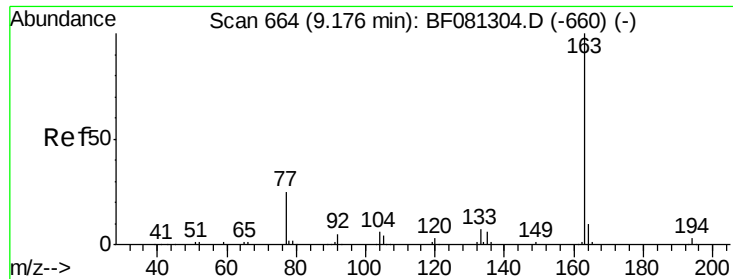
#44
 2-Fluorobiphenyl
 Concen: 41.08 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Tgt Ion:172 Resp: 367117
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.9 17.4 26.2



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

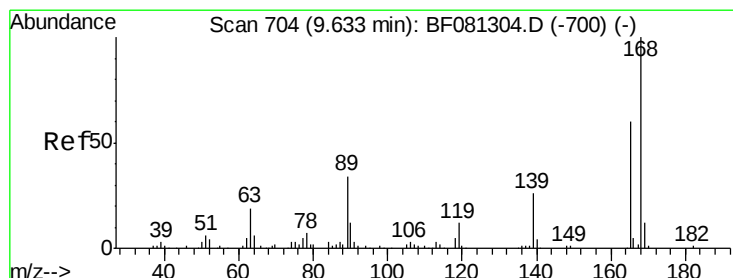
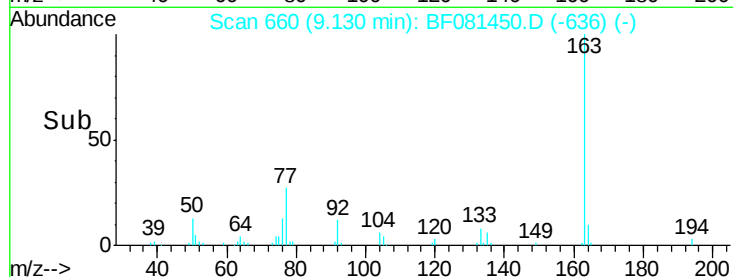
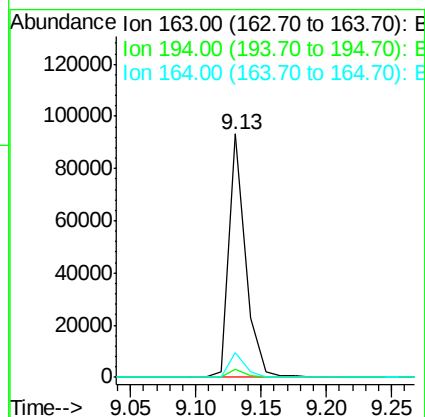
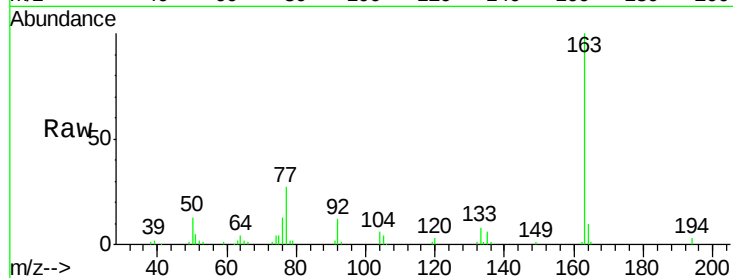




#49
Dimethylphthalate
Concen: 9.38 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081450.D
Acq: 5 Sep 2015 7:08

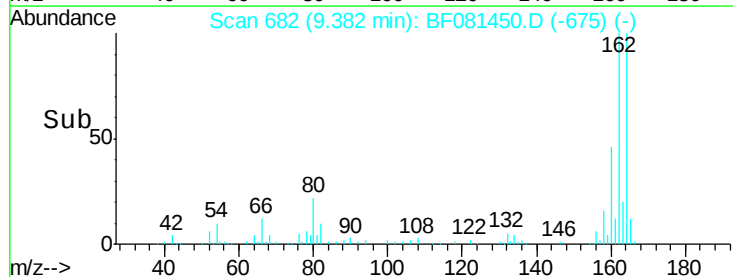
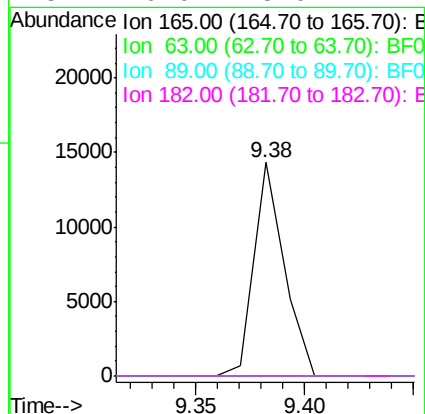
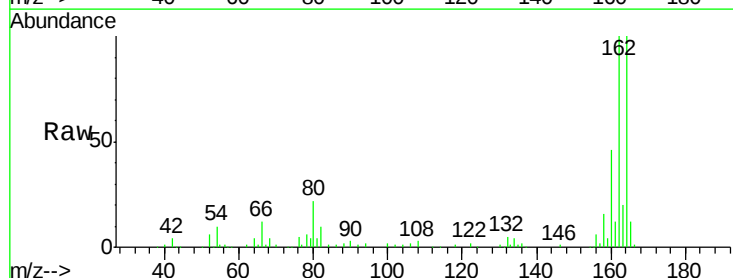
Instrument :
BNA_F
ClientSampleId :

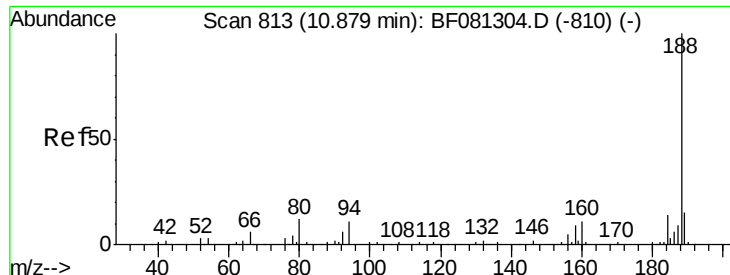
Tot Ion:163 Resp: 83494
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.0 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF081450.D
Acq: 5 Sep 2015 7:08

Tgt Ion:165 Resp: 13820
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

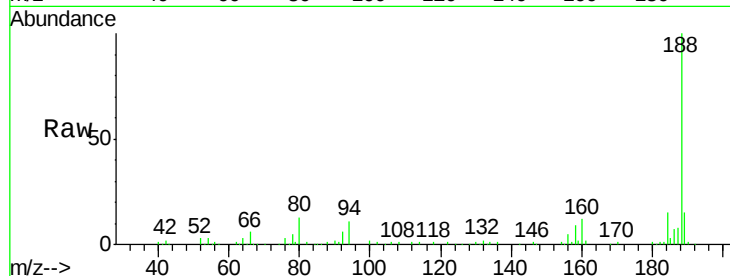




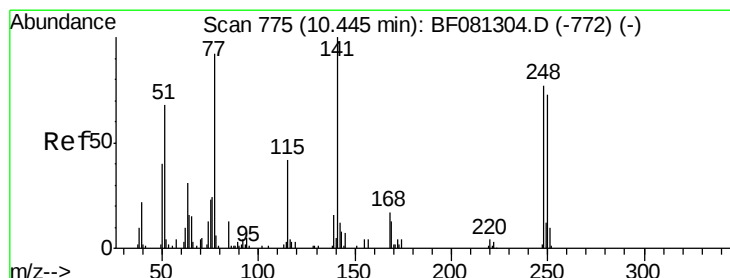
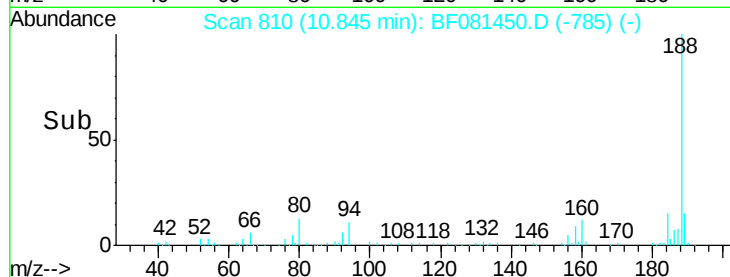
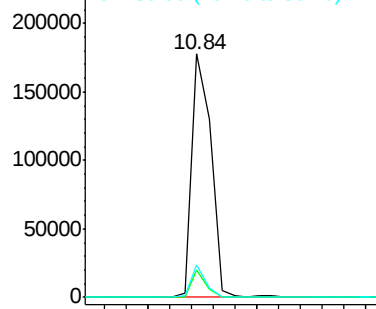
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 220203
 Ion Ratio Lower Upper
 188 100
 94 11.3 11.1 16.7
 80 13.3 11.0 16.4

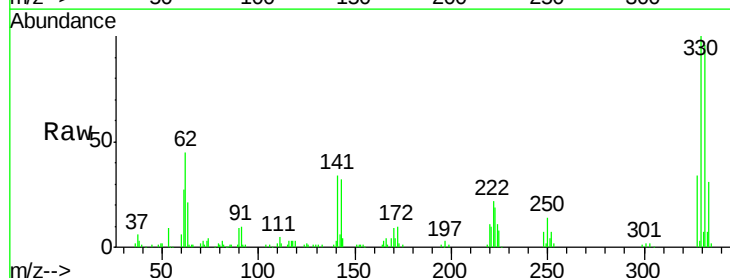


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

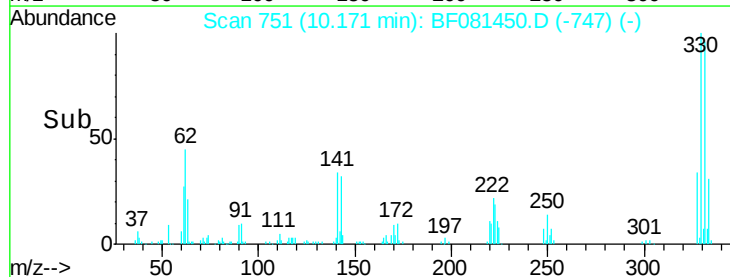
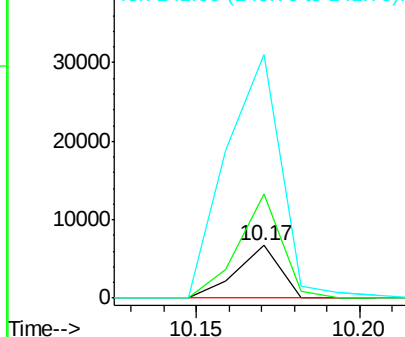


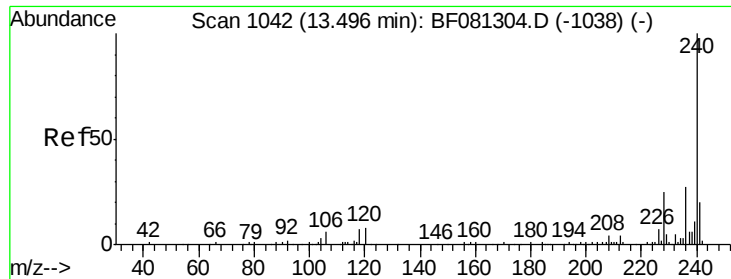
#66
 4-Bromophenyl-phenylether
 Concen: 2.75 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Tgt Ion:248 Resp: 6120
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.5 117.7#
 141 462.4 59.0 88.6#



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

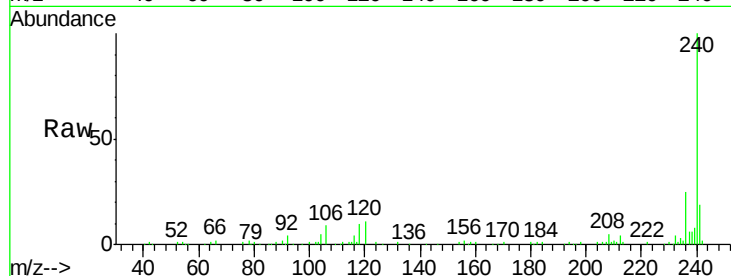




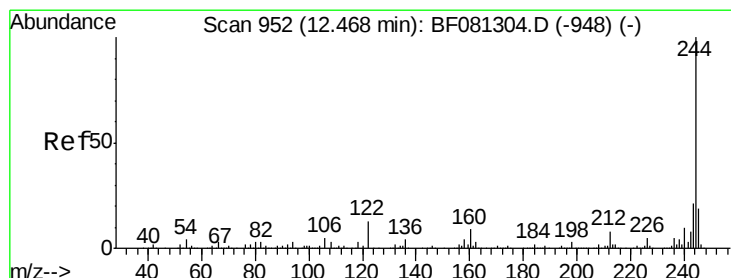
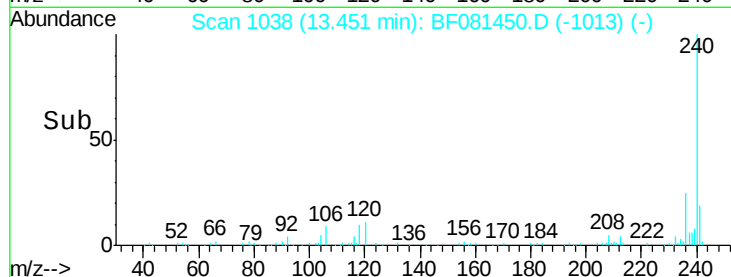
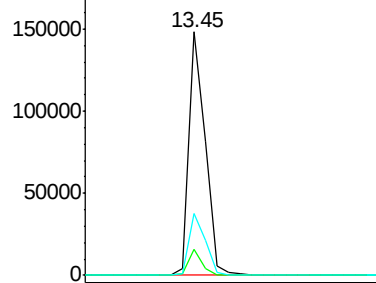
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 167770
 Ion Ratio Lower Upper
 240 100
 120 10.9 16.2 24.2#
 236 25.3 18.4 27.6

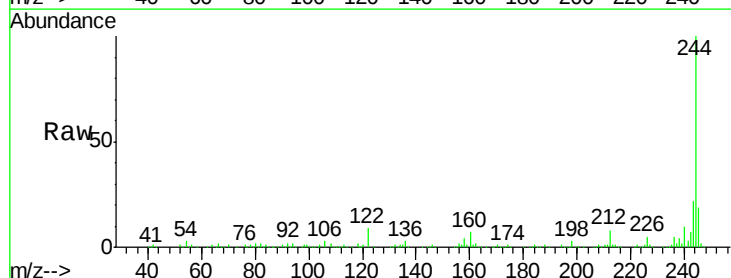


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

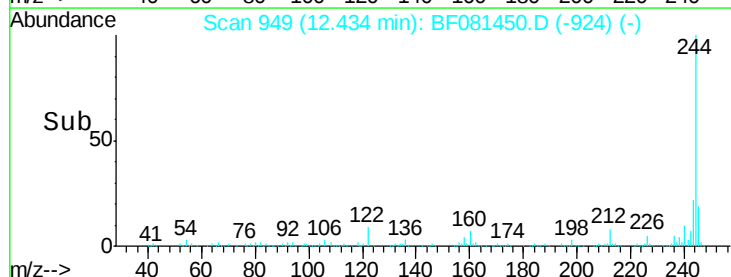
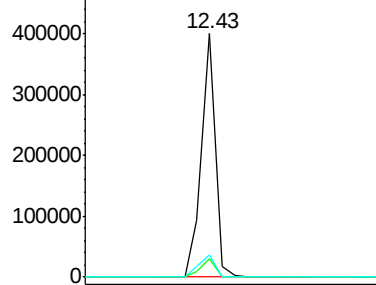


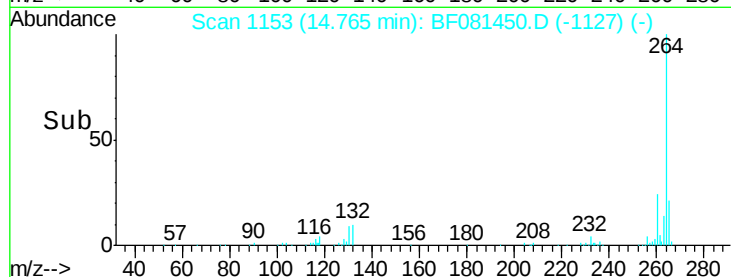
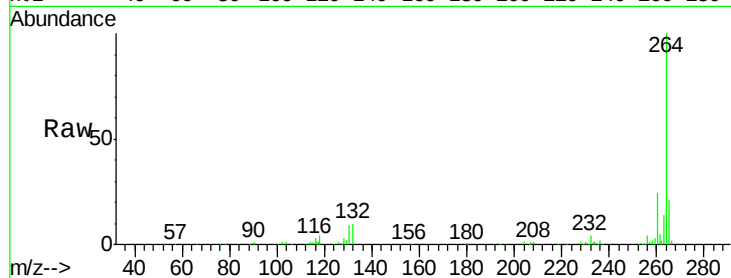
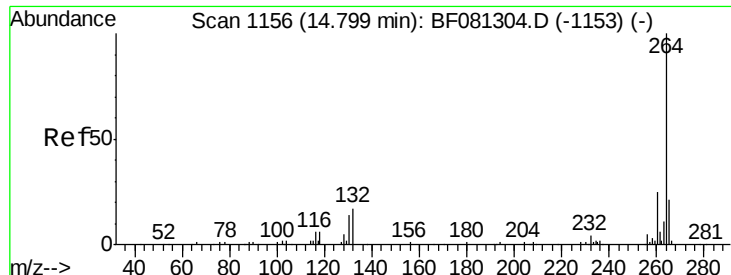
#78
 Terphenyl-d14
 Concen: 49.02 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Tgt Ion:244 Resp: 353294
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 9.3 17.4 26.2#



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: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF081450.D

Acq: 5 Sep 2015 7:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 130645

Ion Ratio Lower Upper

264 100

260 23.5 16.7 25.1

265 21.0 17.2 25.8

