

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 :
 DUP-Y

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

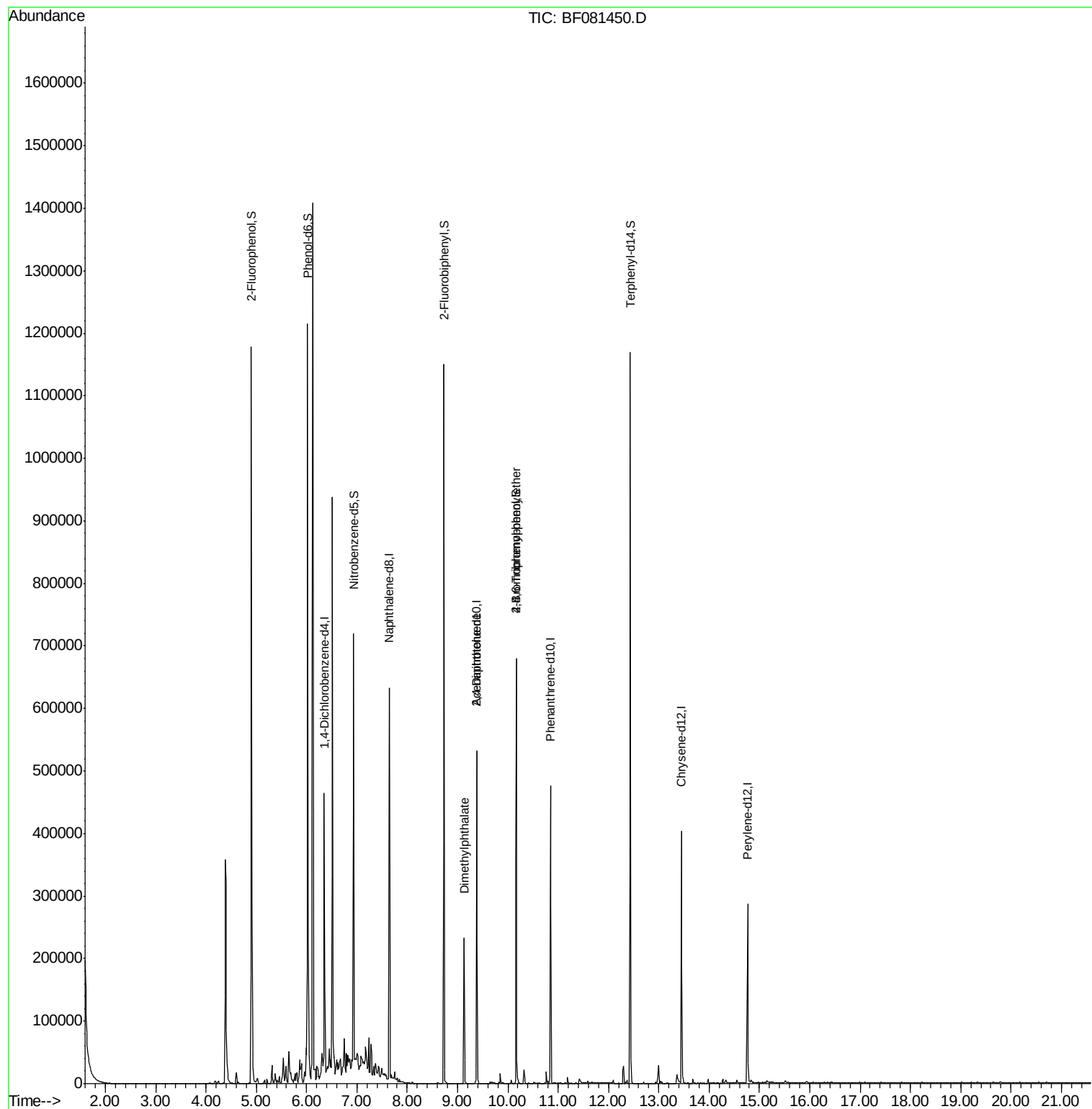
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	61259	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	241578	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	114526	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	220203	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	167770	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

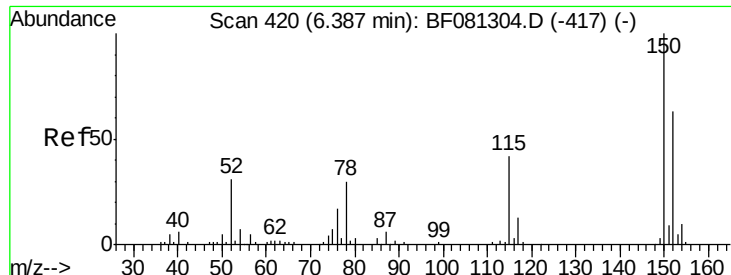
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampled :

DUP-Y

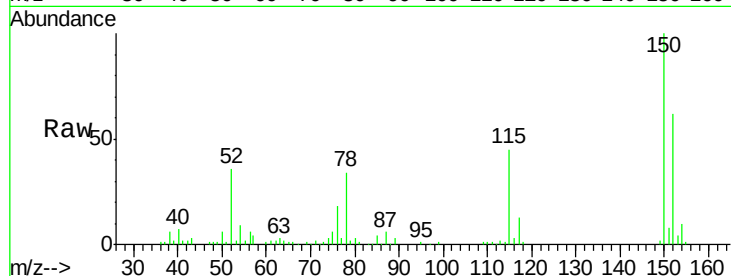
Tot Ion:152 Resp: 61259

Ion Ratio Lower Upper

152 100

150 161.5 124.7 187.1

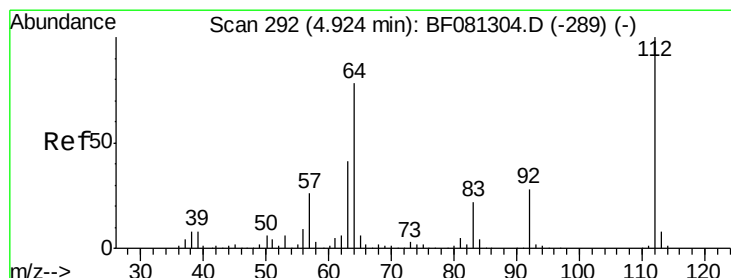
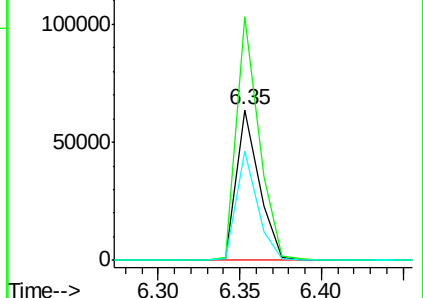
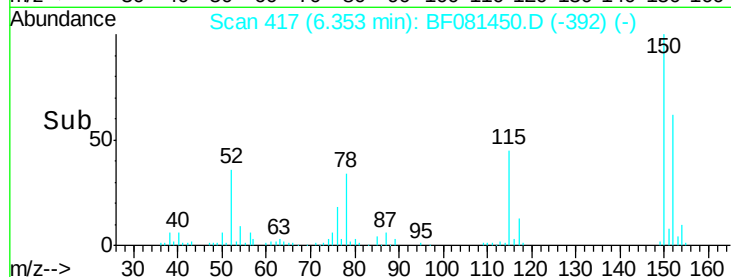
115 72.3 39.0 58.4#



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

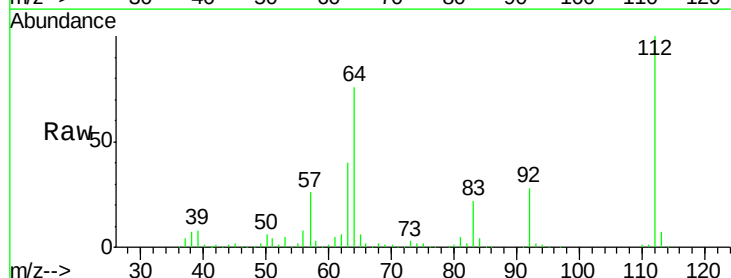
Tgt Ion:112 Resp: 298781

Ion Ratio Lower Upper

112 100

64 76.2 39.7 59.5#

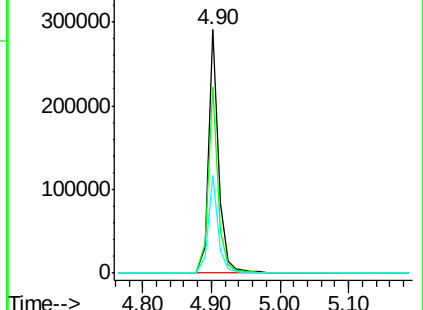
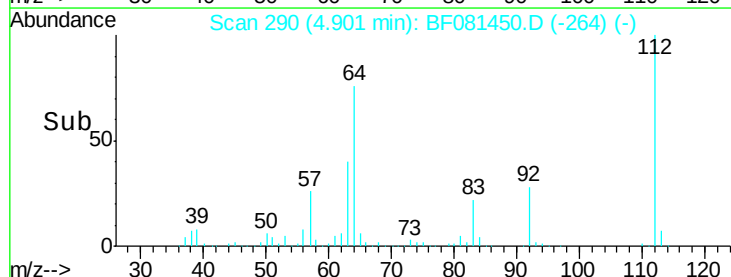
63 40.2 17.4 26.0#

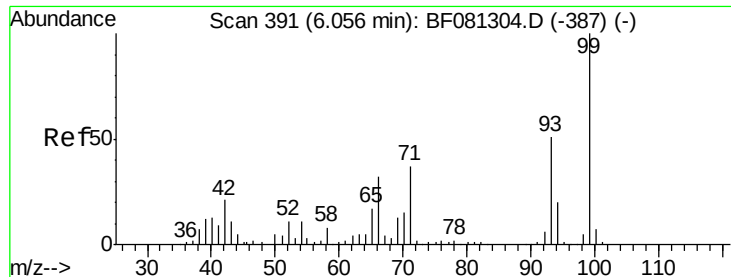


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

DUP-Y

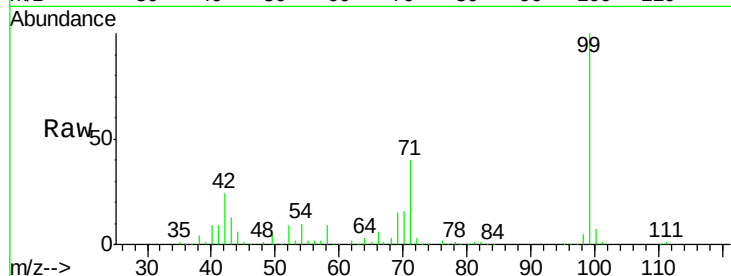
Tot Ion: 99 Resp: 355372

Ion Ratio Lower Upper

99 100

42 24.3 13.7 20.5#

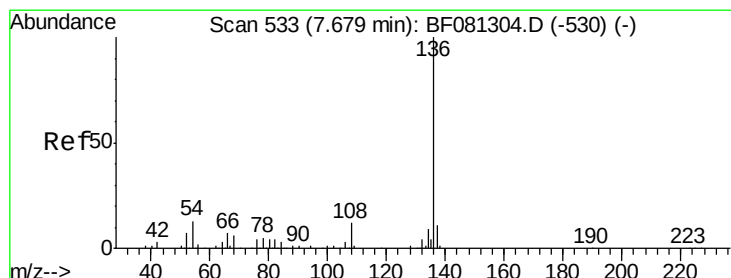
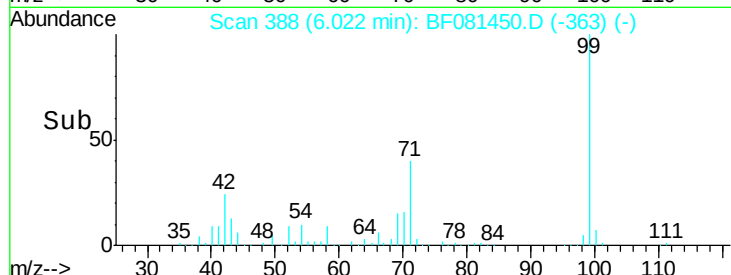
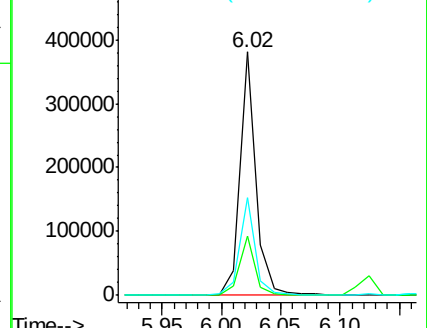
71 39.9 14.2 21.2#



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

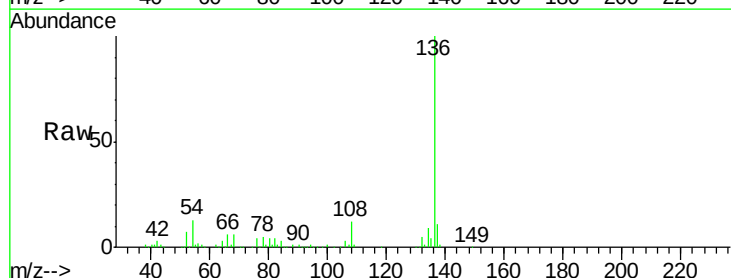
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 12.8 8.2 12.2#

68 5.5 5.8 8.6#

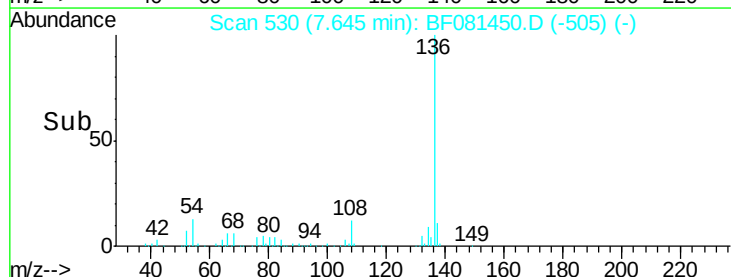
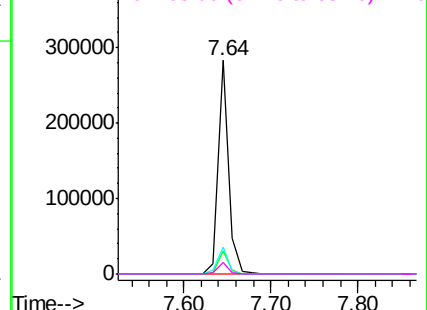


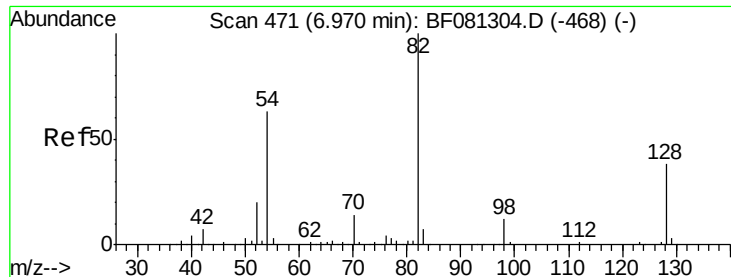
Abundance Ion 136.00 (135.70 to 136.70): E

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 :

DUP-Y

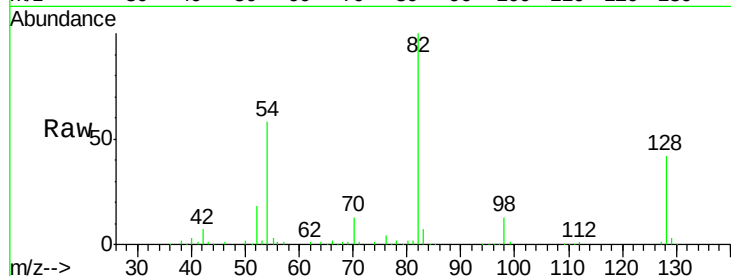
Tot Ion: 82 Resp: 260861

Ion Ratio Lower Upper

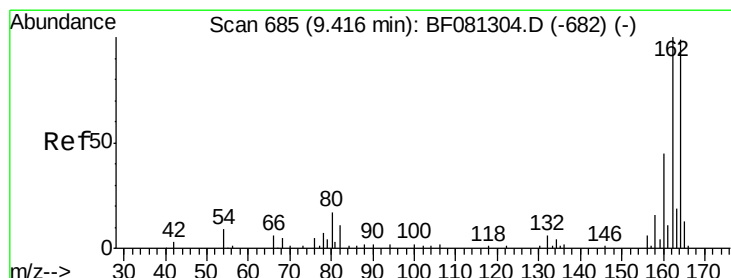
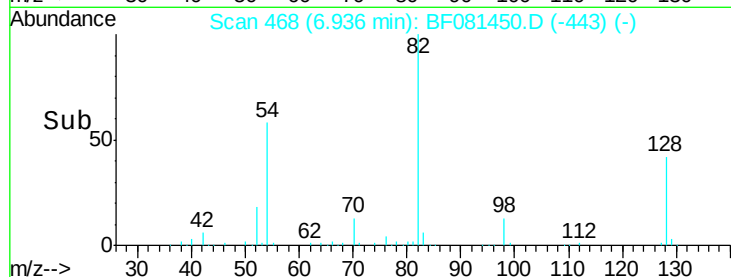
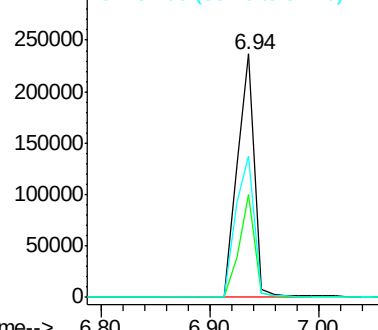
82 100

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

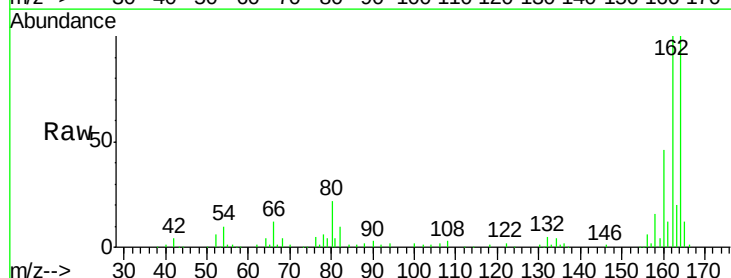
Tgt Ion: 164 Resp: 114526

Ion Ratio Lower Upper

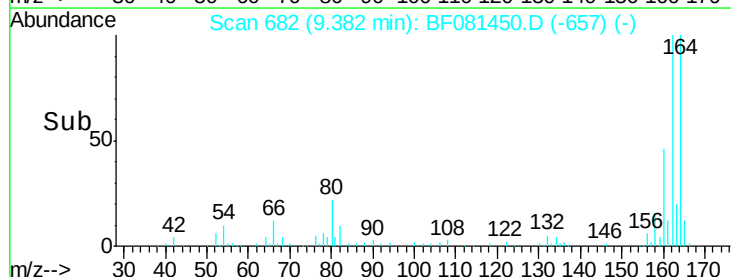
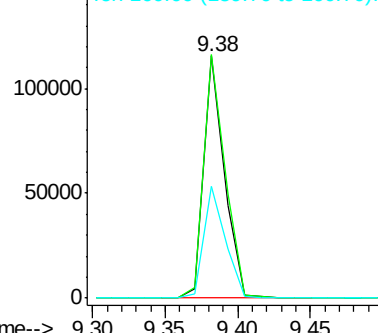
164 100

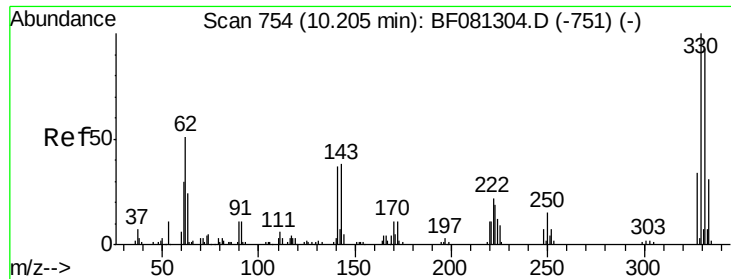
162 100.5 75.2 112.8

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

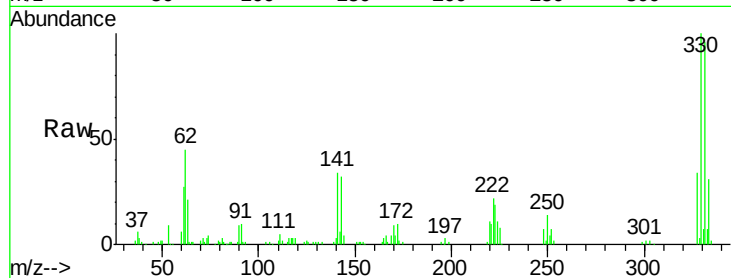




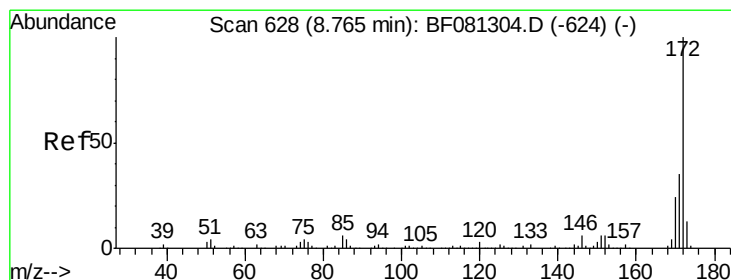
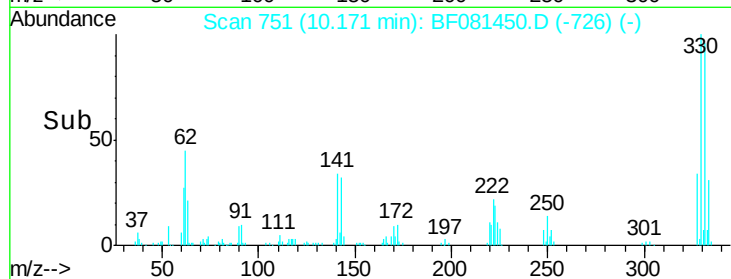
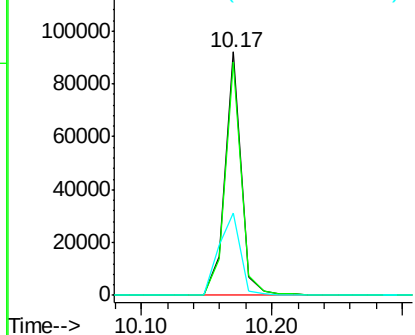
#41
 2,4,6-Tribromophenol
 Concen: 78.58 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Instrument :
 BNA_F
 ClientSampleId :
 DUP-Y

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

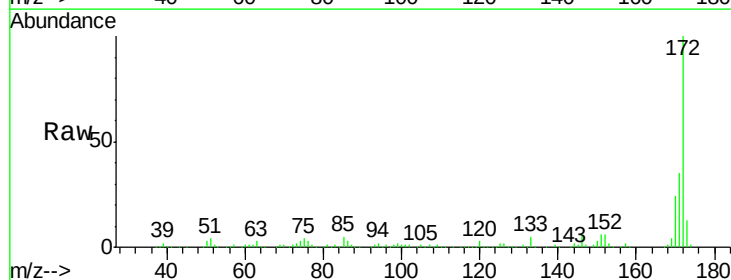


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

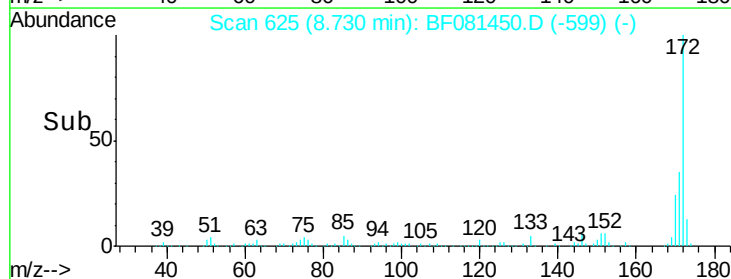
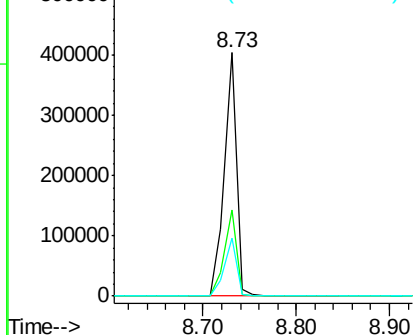


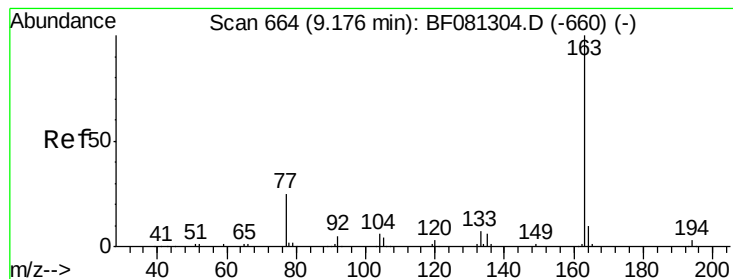
#44
 2-Fluorobiphenyl
 Concen: 41.08 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

Tgt Ion	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 :

DUP-Y

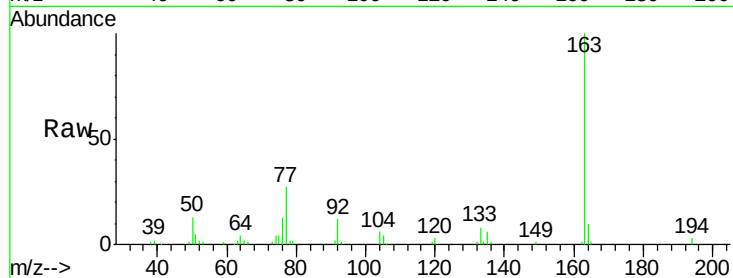
Tot Ion:163 Resp: 83494

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

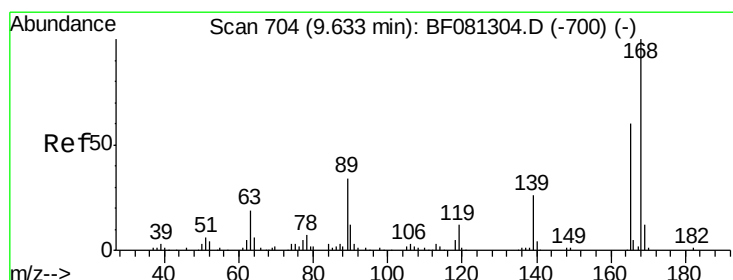
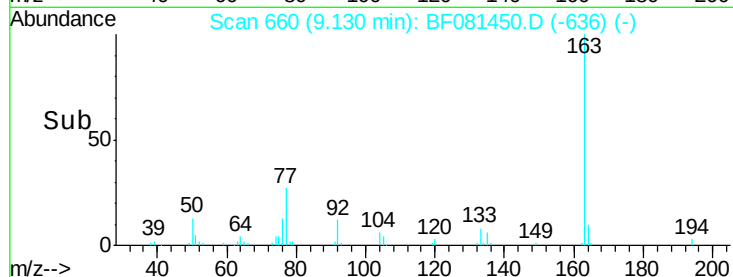
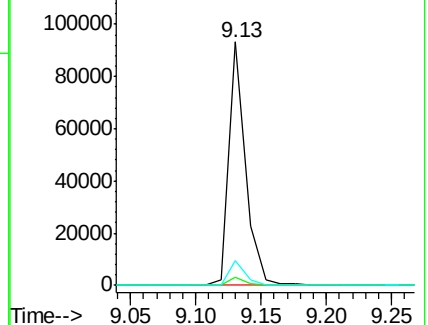
164 10.0 8.3 12.5



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: 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

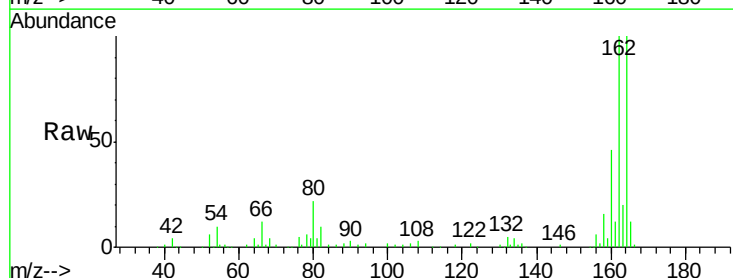
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

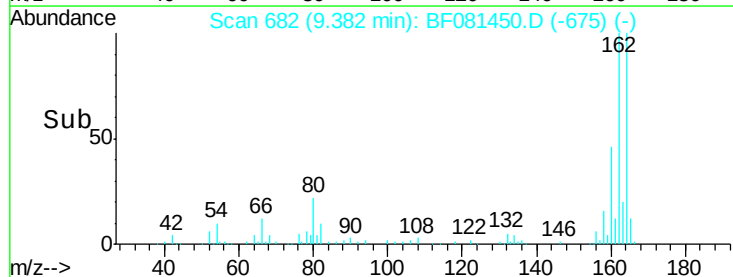
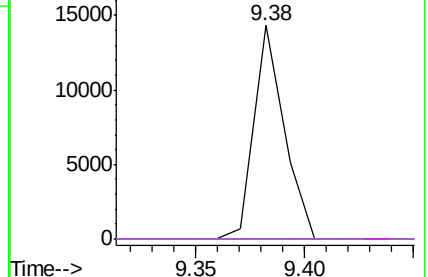


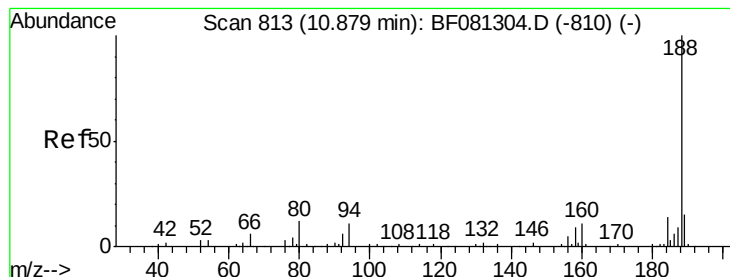
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#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 :

DUP-Y

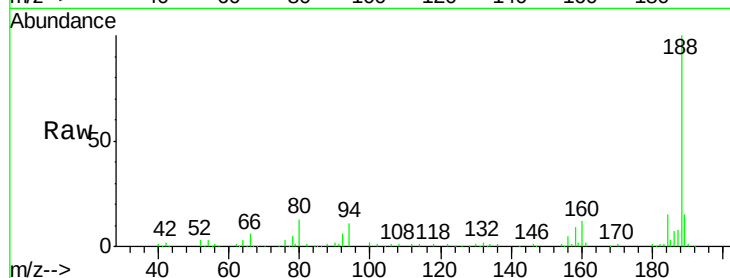
Tot Ion:188 Resp: 220203

Ion Ratio Lower Upper

188 100

94 11.3 11.1 16.7

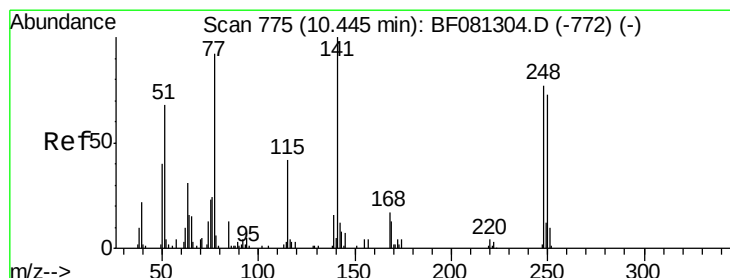
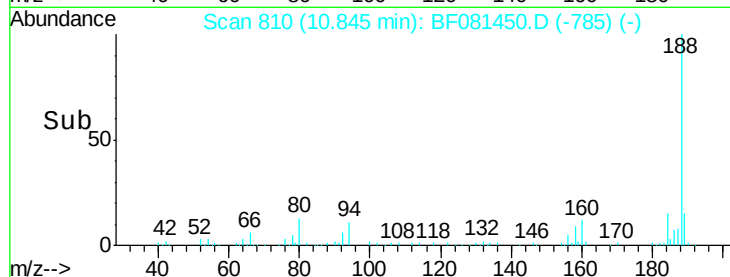
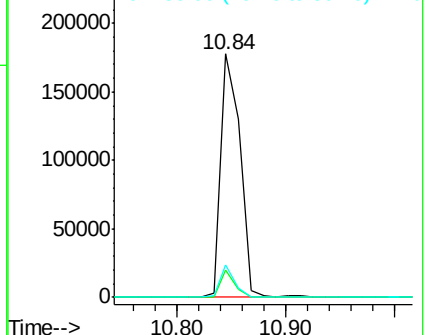
80 13.3 11.0 16.4



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

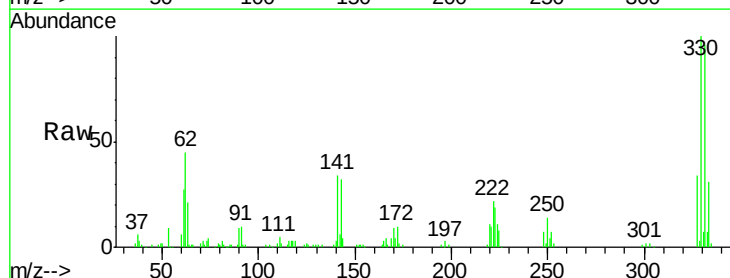
Tgt Ion:248 Resp: 6120

Ion Ratio Lower Upper

248 100

250 196.9 78.5 117.7#

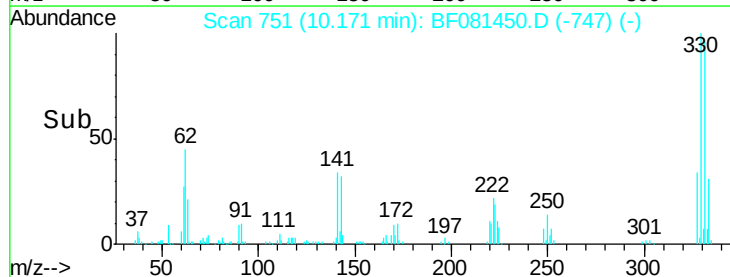
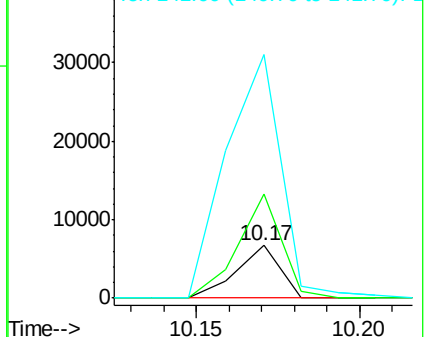
141 462.4 59.0 88.6#

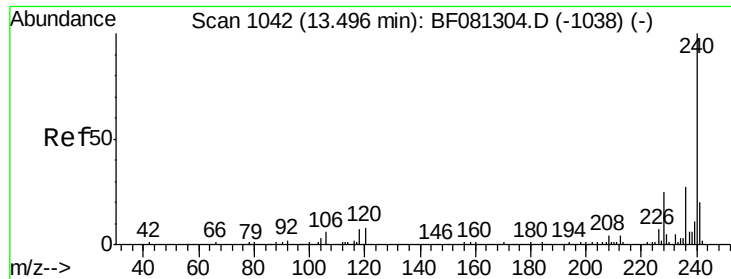


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

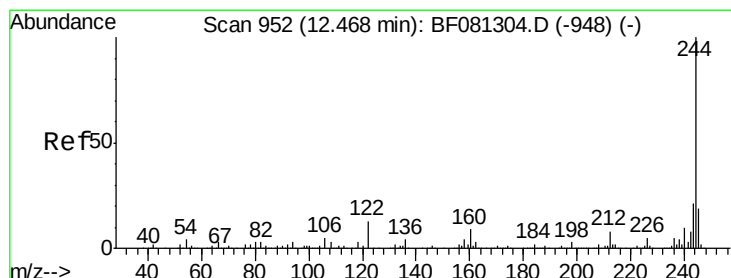
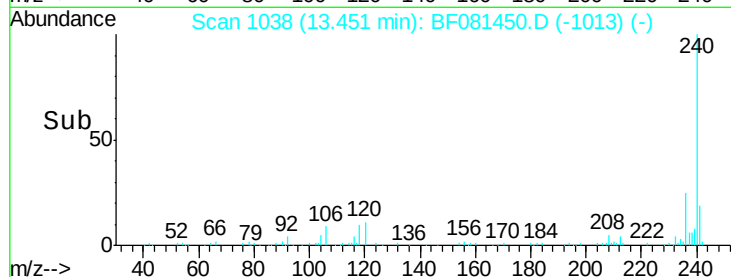
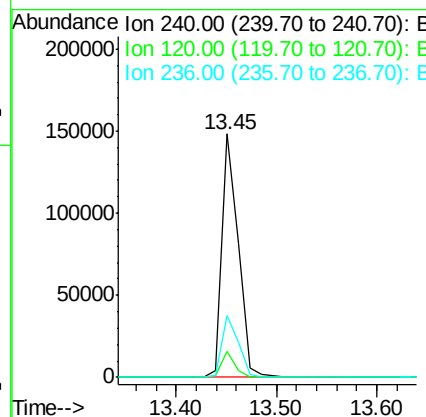
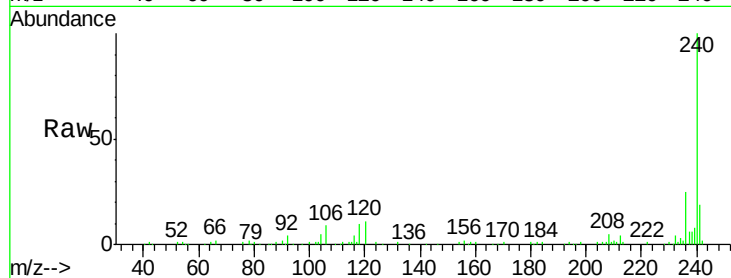




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF081450.D
 Acq: 5 Sep 2015 7:08

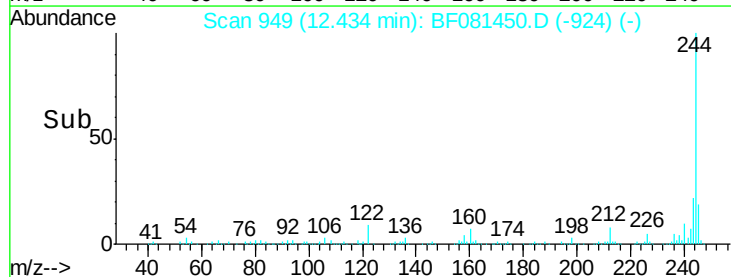
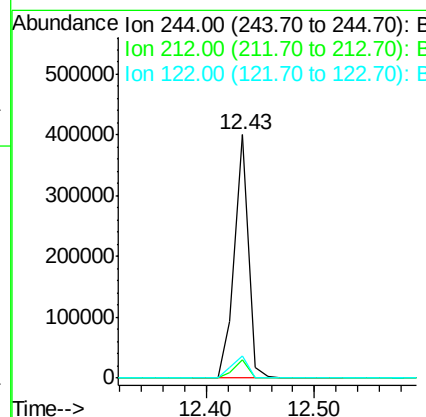
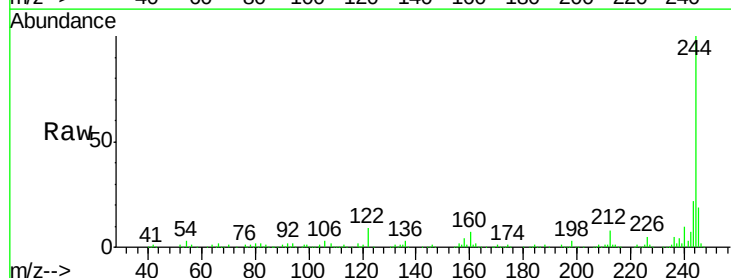
Instrument :
 BNA_F
 ClientSampleId :
 DUP-Y

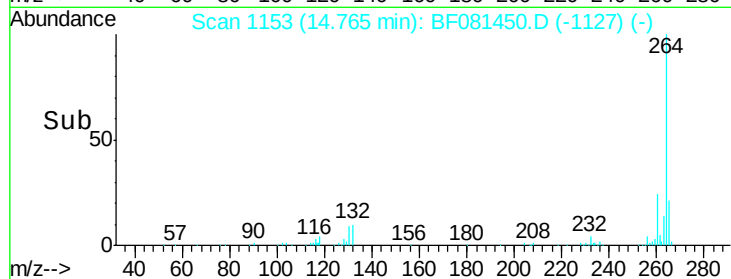
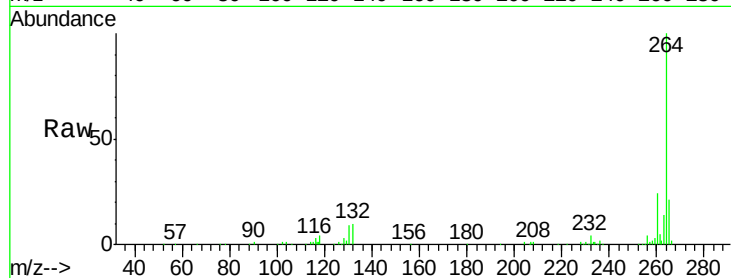
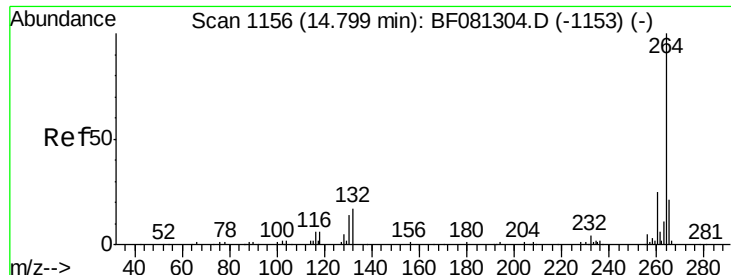
Tot Ion:240 Resp: 167770
 Ion Ratio Lower Upper
 240 100
 120 10.9 16.2 24.2#
 236 25.3 18.4 27.6



#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#





#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 :
 DUP-Y

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.0	17.2	25.8

