

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081557.D
 Acq On : 9 Sep 2015 17:36
 Operator : UM/IZ
 Sample : PB85437BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BL

Quant Time: Sep 10 04:44:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

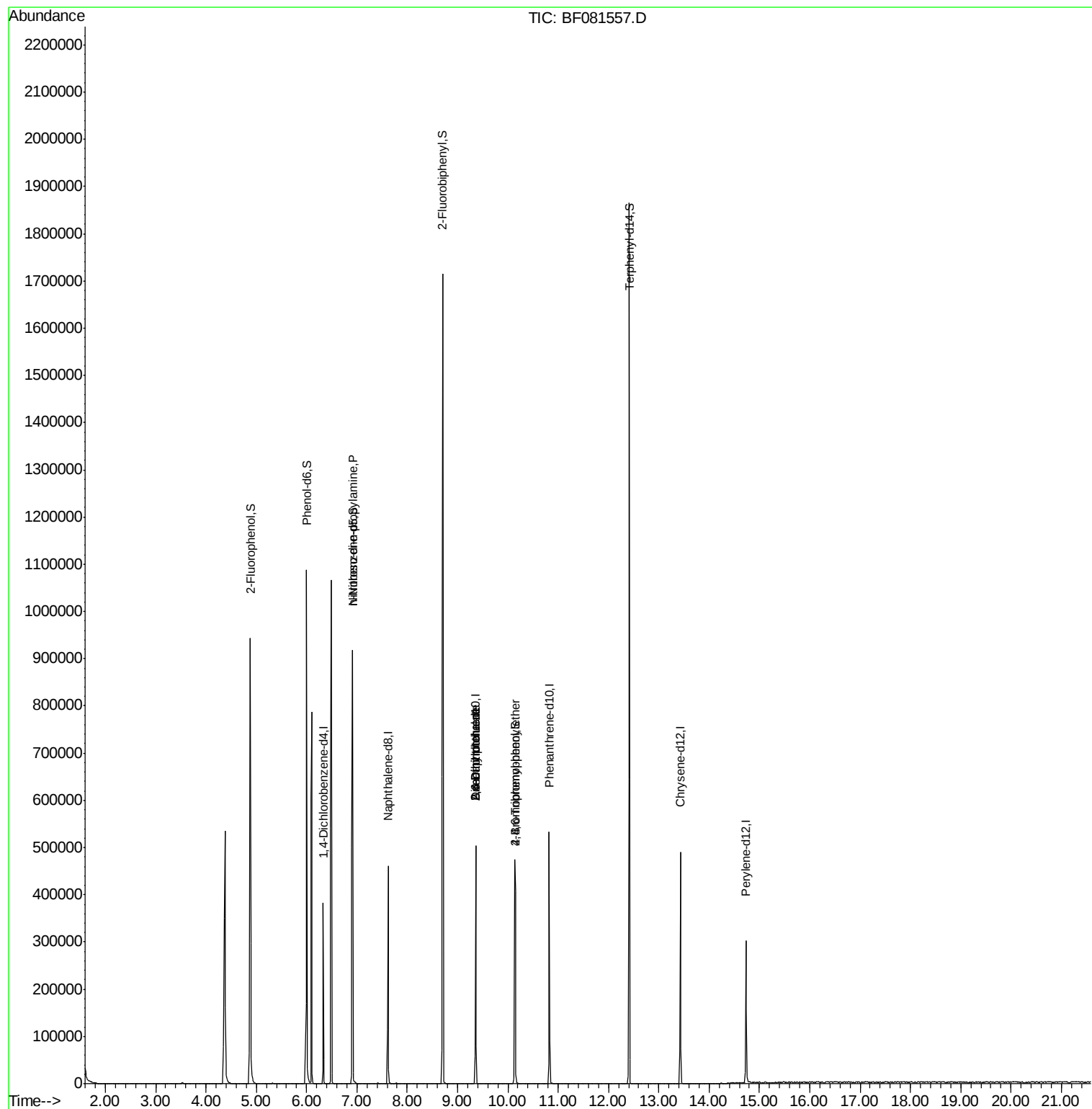
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	49310	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	197750	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	95431	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	190880	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	169922	20.00	ng	-0.01
86) Perylene-d12	14.73	264	134274	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	234199	73.69	ng	0.01
7) Phenol-d6	6.00	99	316105	75.14	ng	-0.01
23) Nitrobenzene-d5	6.91	82	338726	82.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	69170	81.40	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	566365	76.05	ng	0.00
78) Terphenyl-d14	12.41	244	570835	78.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.91	70	45314	15.83	ng	# 63
49) Dimethylphthalate	9.36	163	26070	3.52	ng	# 1
50) 2,6-Dinitrotoluene	9.36	165	11991	7.13	ng	# 37
56) 2,4-Dinitrotoluene	9.36	165	11991	5.60	ng	# 31
66) 4-Bromophenyl-phenylether	10.15	248	4714	2.44	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: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB85437BL

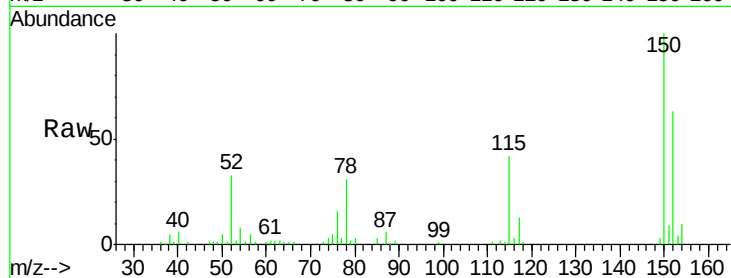
Tot Ion:152 Resp: 49310

Ion Ratio Lower Upper

152 100

150 159.7 124.7 187.1

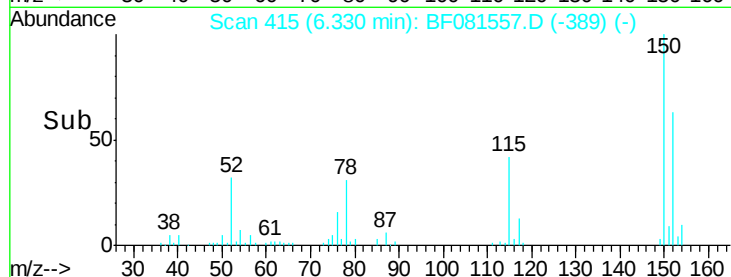
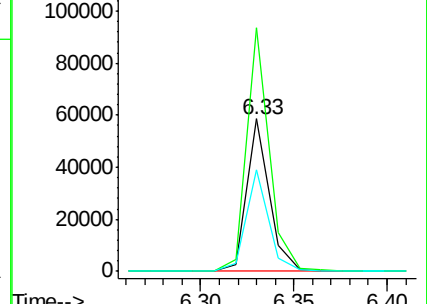
115 66.8 39.0 58.4#



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: 73.69 ng

RT: 4.88 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

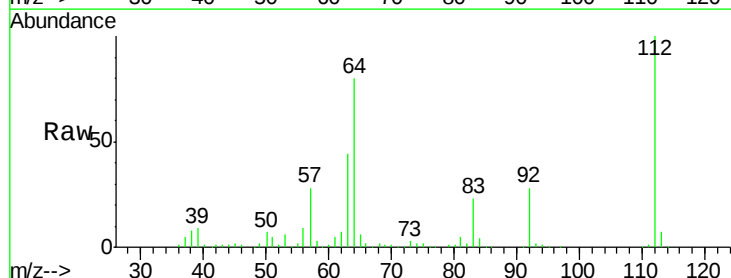
Tgt Ion:112 Resp: 234199

Ion Ratio Lower Upper

112 100

64 80.4 39.7 59.5#

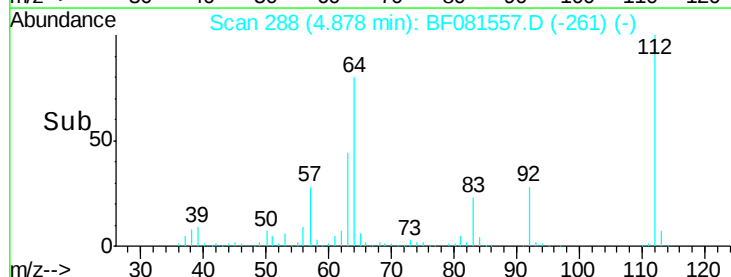
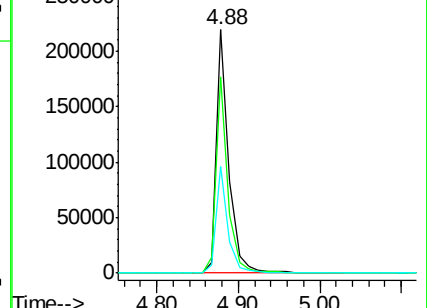
63 43.9 17.4 26.0#



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: 75.14 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB85437BL

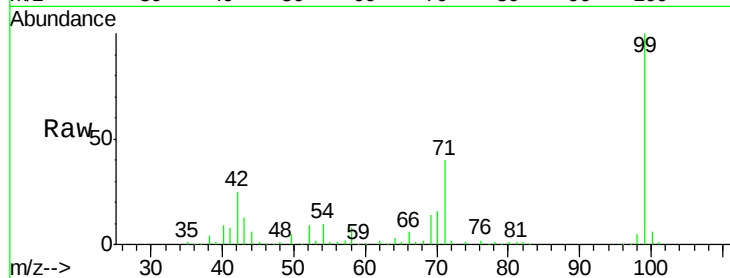
Tot Ion: 99 Resp: 316105

Ion Ratio Lower Upper

99 100

42 25.3 13.7 20.5#

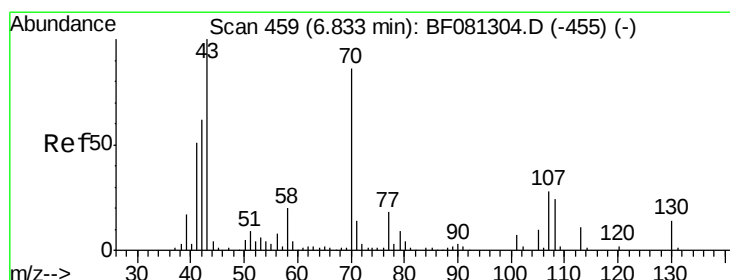
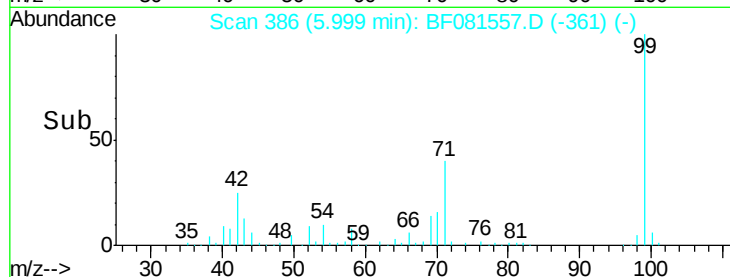
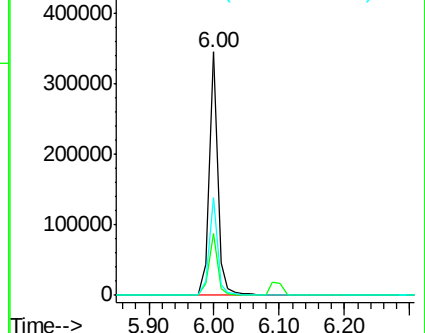
71 39.9 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.83 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.13 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

Tgt Ion: 70 Resp: 45314

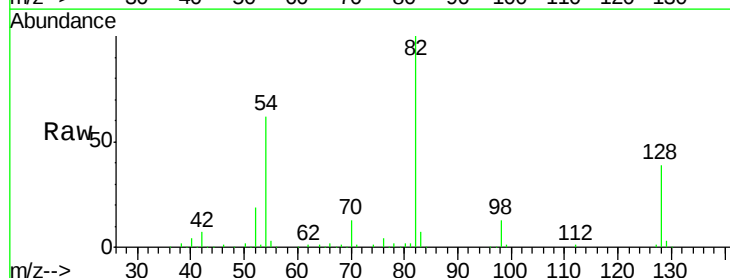
Ion Ratio Lower Upper

70 100

42 52.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

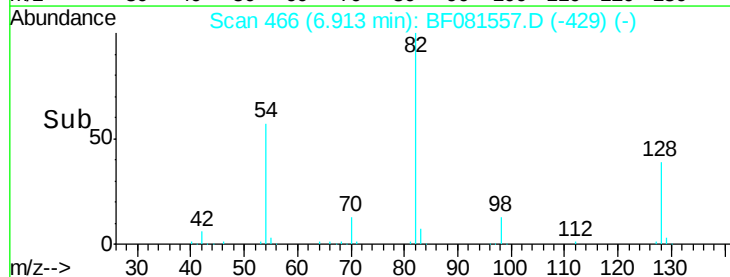
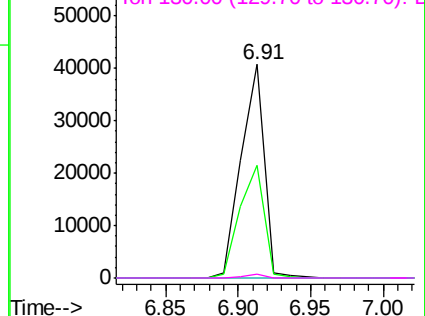


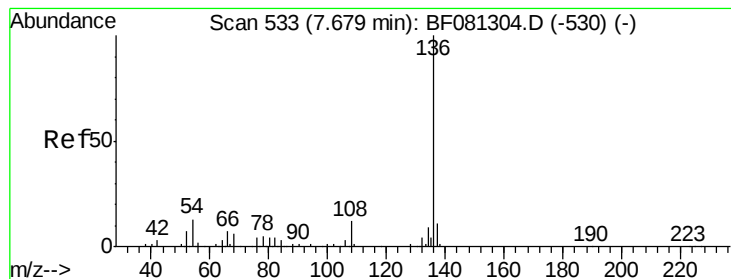
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB85437BL

Tot Ion:136 Resp: 197750

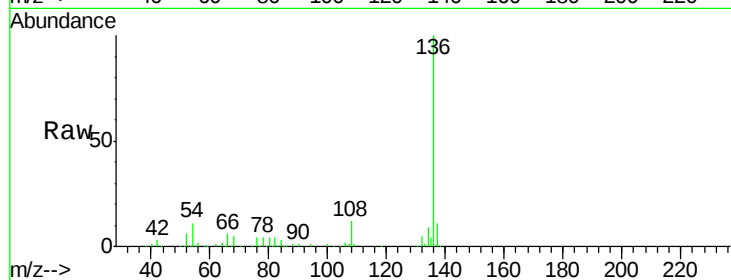
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 10.7 8.2 12.2

68 4.6 5.8 8.6#

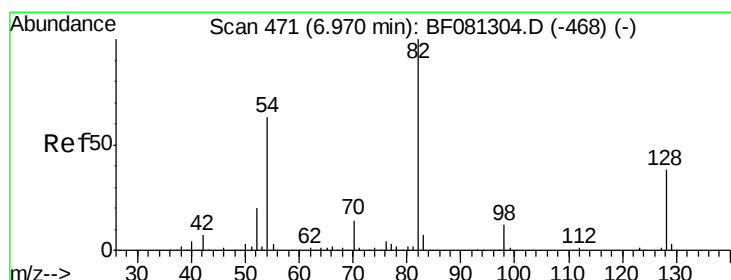
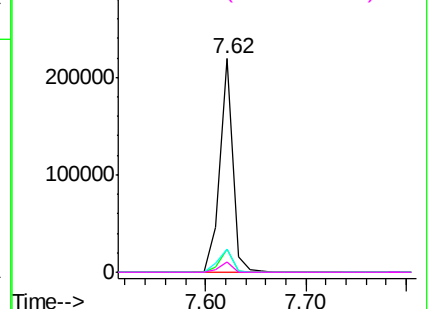
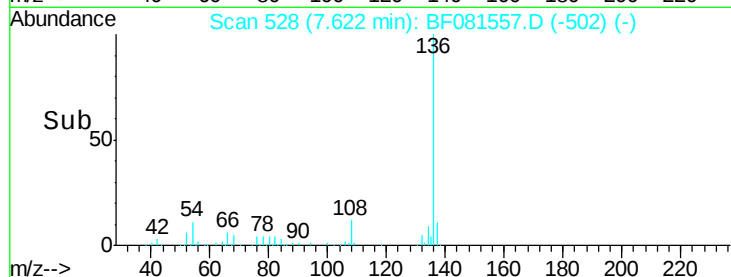


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.64 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

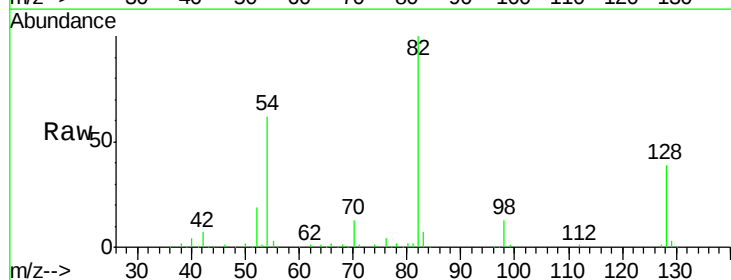
Tgt Ion: 82 Resp: 338726

Ion Ratio Lower Upper

82 100

128 39.4 51.0 76.6#

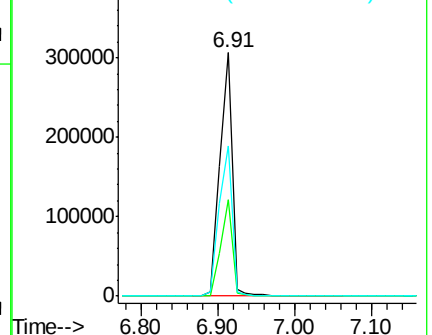
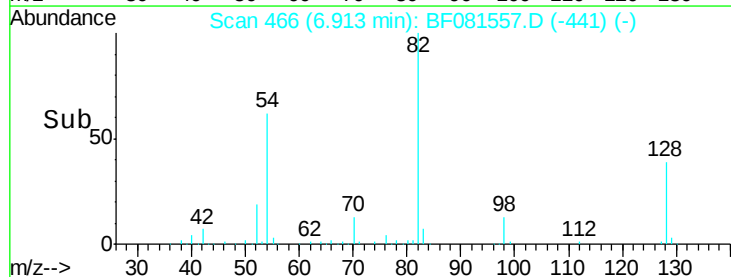
54 61.8 47.5 71.3

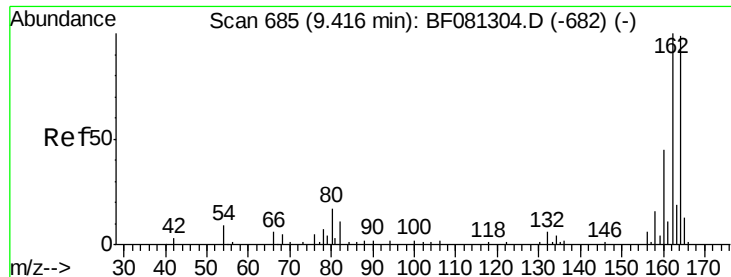


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

Instrument :

BNA_F

ClientSampleID :

PB85437BL

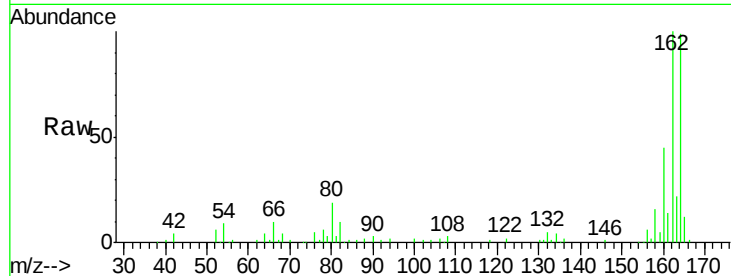
Tot Ion:164 Resp: 95431

Ion Ratio Lower Upper

164 100

162 100.9 75.2 112.8

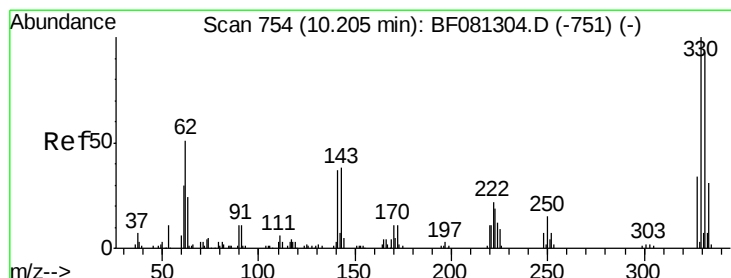
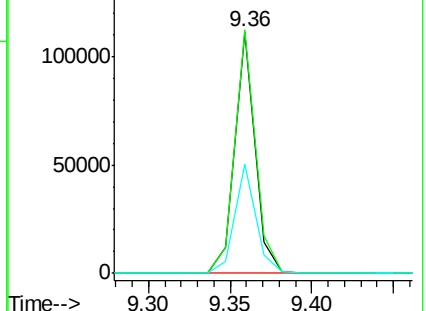
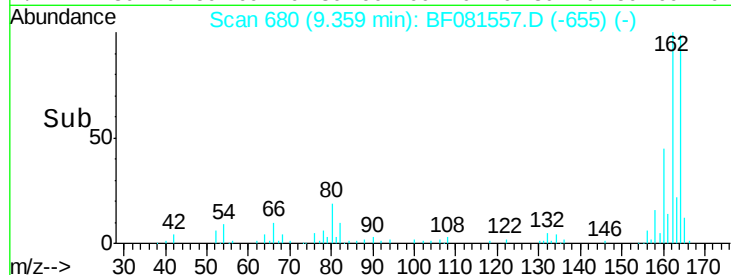
160 45.1 31.5 47.3



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: 81.40 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

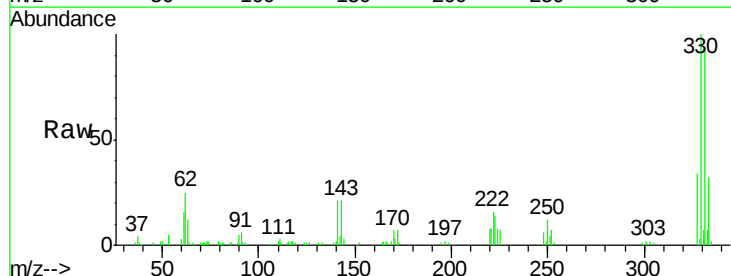
Tgt Ion:330 Resp: 69170

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

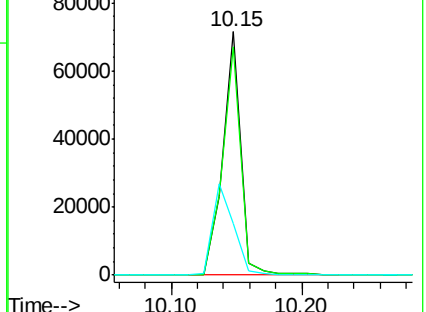
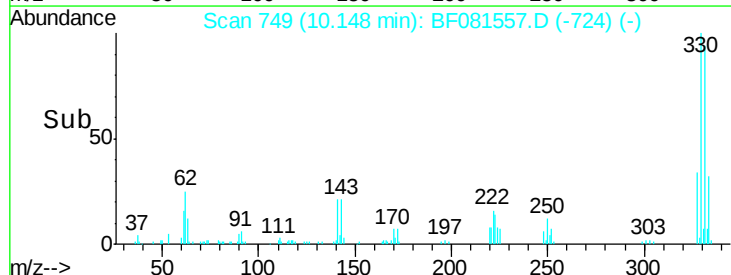
141 43.9 29.7 44.5



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

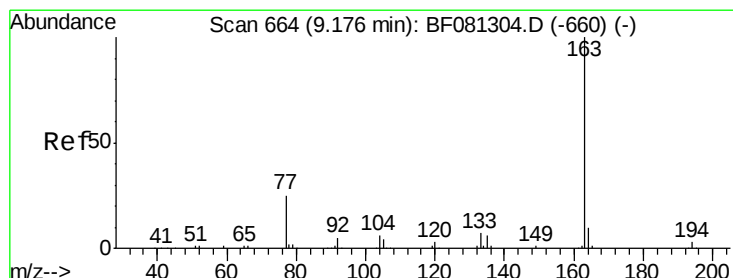
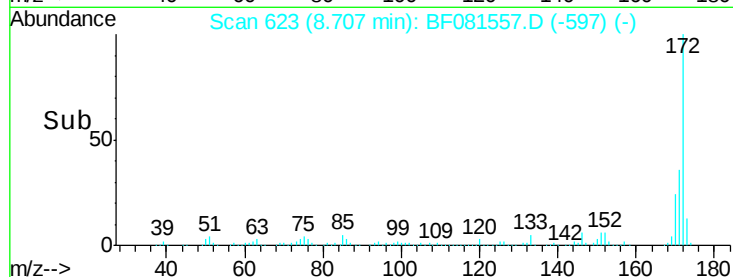
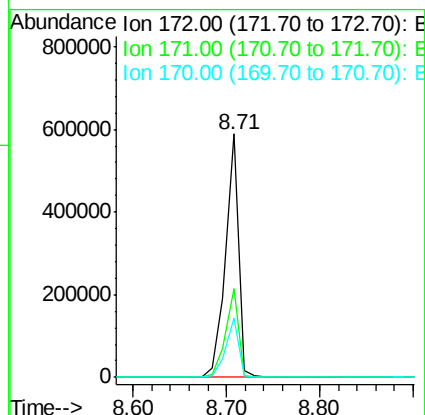
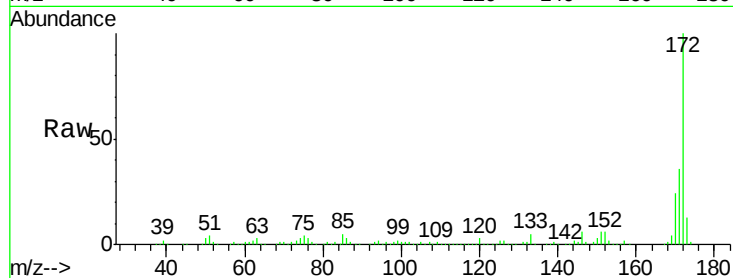




#44
2-Fluorobiphenyl
Concen: 76.05 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF081557.D
Acq: 9 Sep 2015 17:36

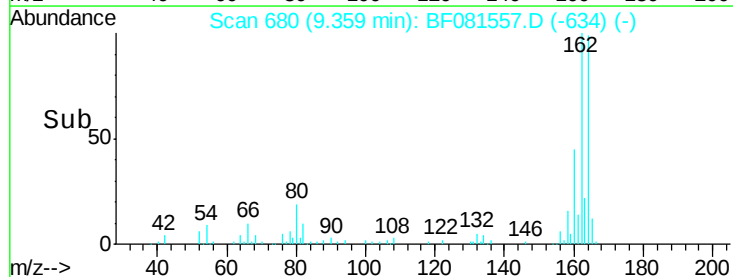
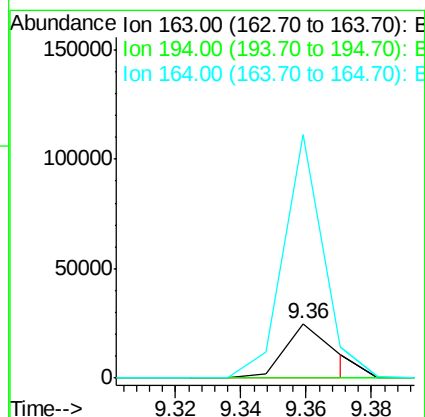
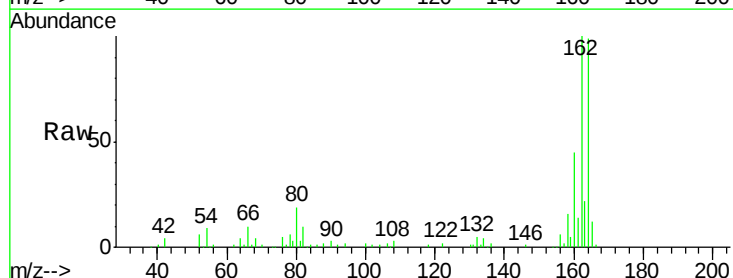
Instrument :
BNA_F
ClientSampleId :
PB85437BL

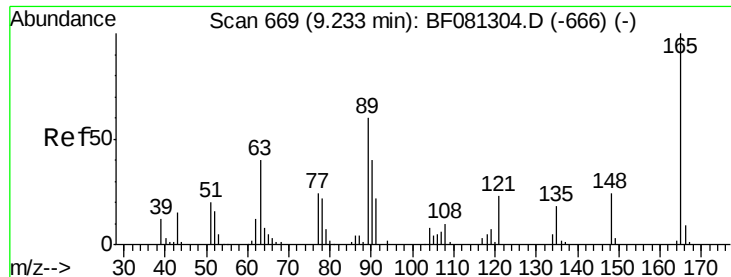
Tot Ion:172 Resp: 566365
Ion Ratio Lower Upper
172 100
171 36.2 26.1 39.1
170 24.3 17.4 26.2



#49
Dimethylphthalate
Concen: 3.52 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.23 min
Lab File: BF081557.D
Acq: 9 Sep 2015 17:36

Tgt Ion:163 Resp: 26070
Ion Ratio Lower Upper
163 100
194 0.0 4.4 6.6#
164 445.5 8.3 12.5#

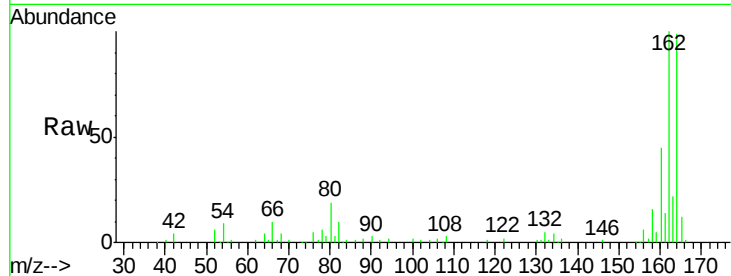




#50
 2,6-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.17 min
 Lab File: BF081557.D
 Acq: 9 Sep 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BL

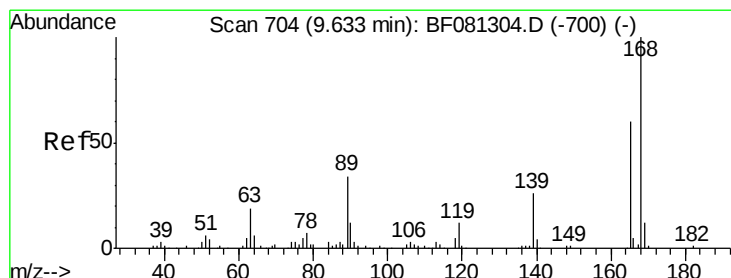
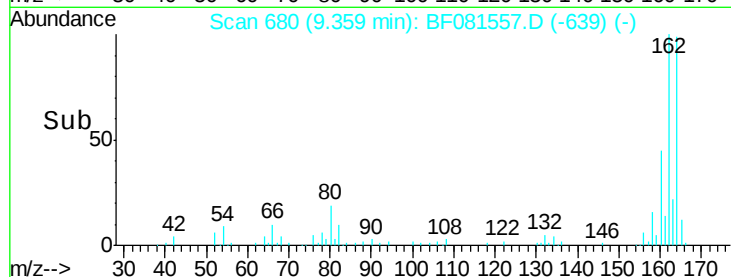
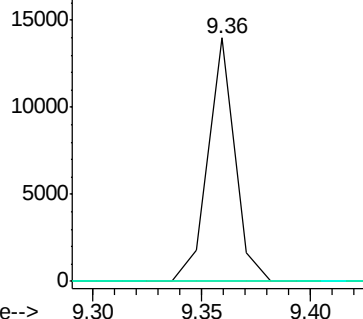
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

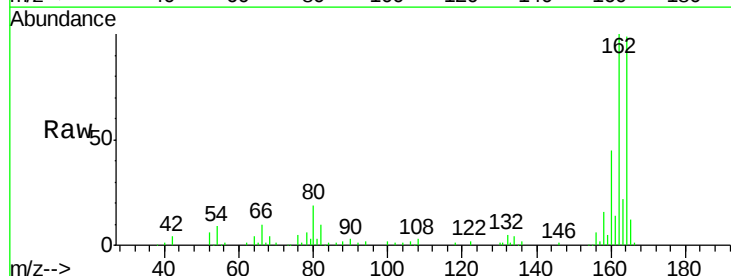
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.60 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.23 min
 Lab File: BF081557.D
 Acq: 9 Sep 2015 17:36

Tgt 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#

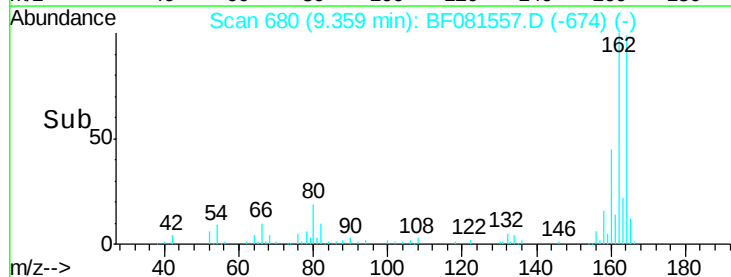
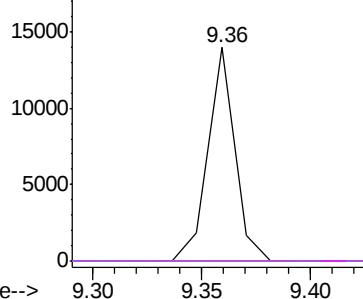


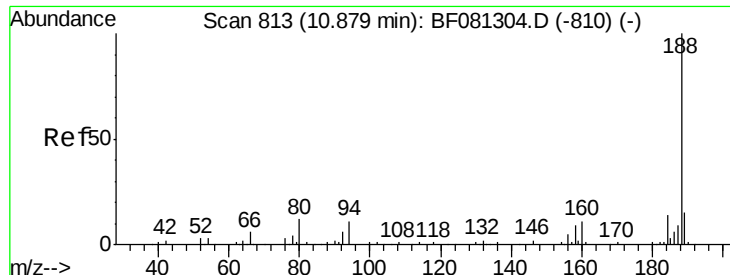
Abundance Ion 165.00 (164.70 to 165.70): E

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

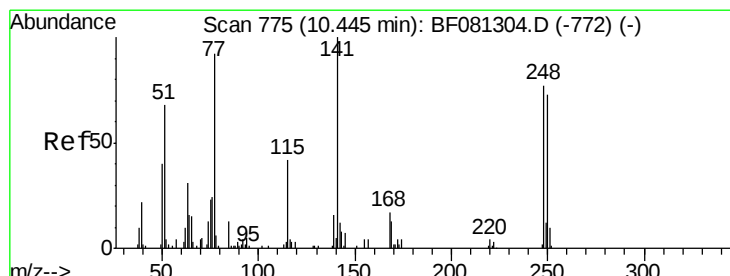
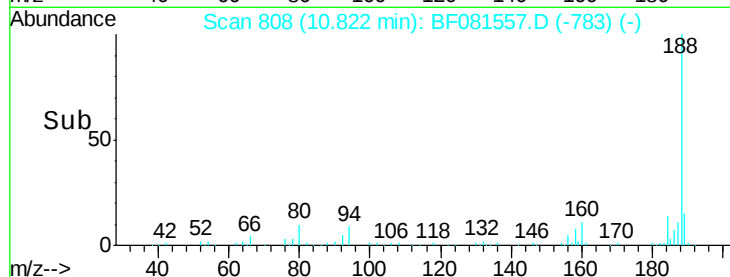
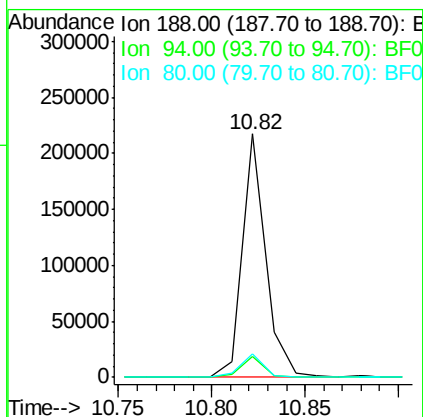
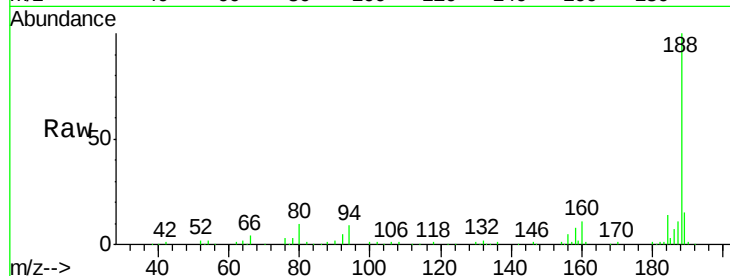




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF081557.D
 Acq: 9 Sep 2015 17:36

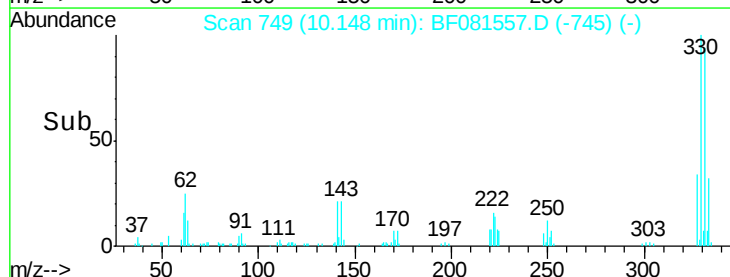
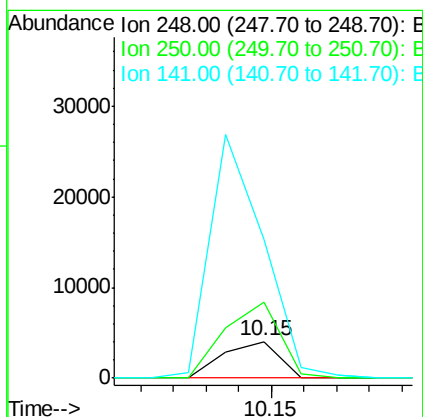
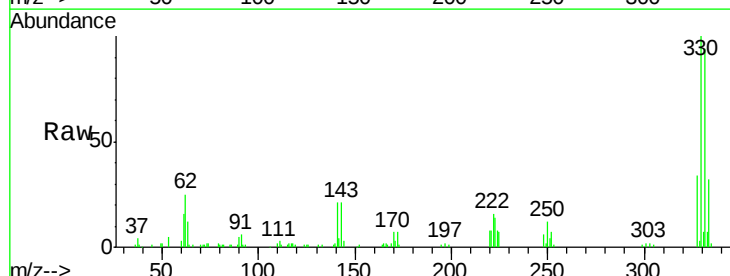
Instrument :
 BNA_F
 ClientSampleId :
 PB85437BL

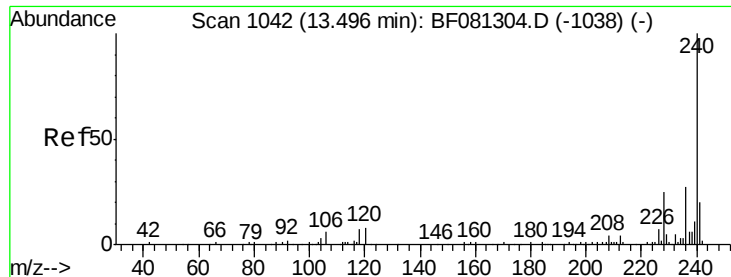
Tot Ion:188 Resp: 190880
 Ion Ratio Lower Upper
 188 100
 94 8.8 11.1 16.7#
 80 9.8 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 2.44 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.25 min
 Lab File: BF081557.D
 Acq: 9 Sep 2015 17:36

Tgt Ion:248 Resp: 4714
 Ion Ratio Lower Upper
 248 100
 250 207.6 78.5 117.7#
 141 377.0 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.43 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB85437BL

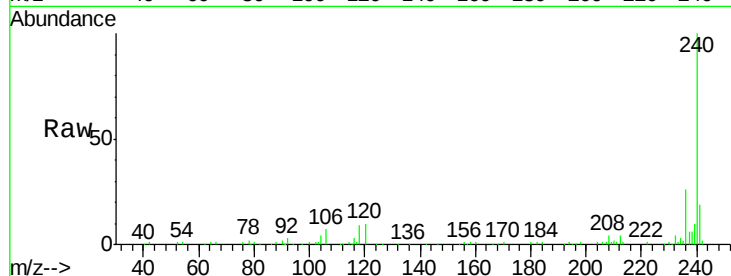
Tot Ion:240 Resp: 169922

Ion Ratio Lower Upper

240 100

120 10.1 16.2 24.2#

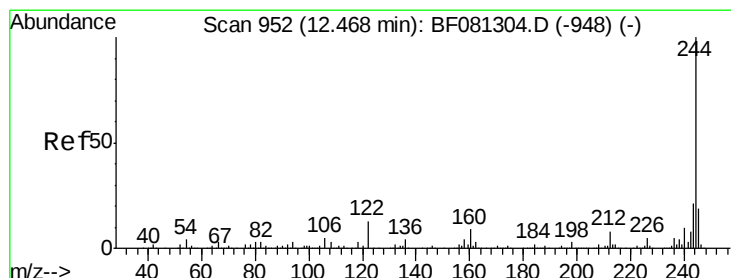
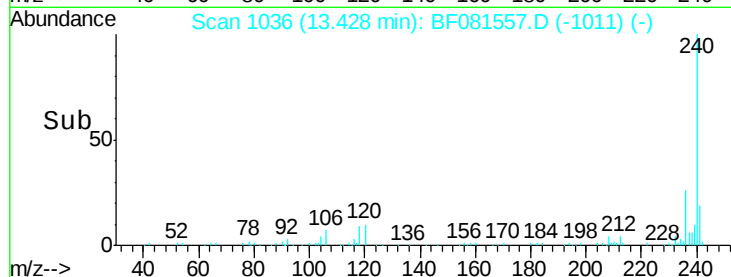
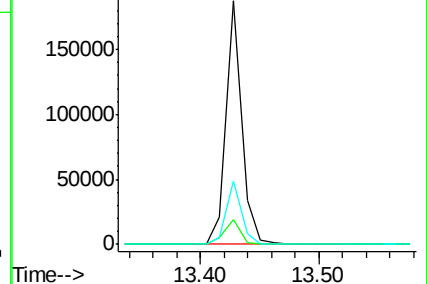
236 25.9 18.4 27.6



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: 78.20 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF081557.D

Acq: 9 Sep 2015 17:36

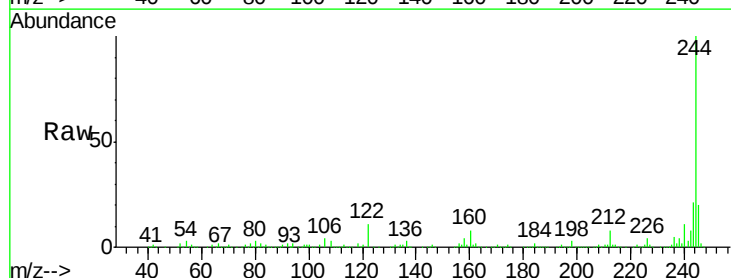
Tgt Ion:244 Resp: 570835

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

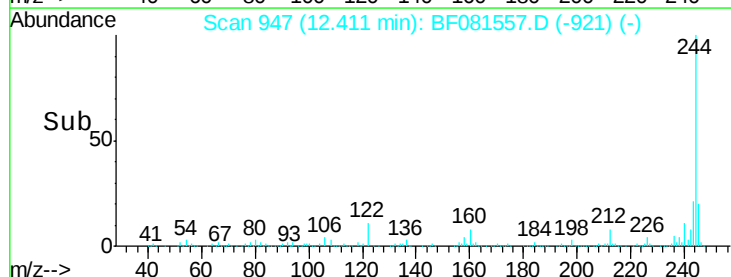
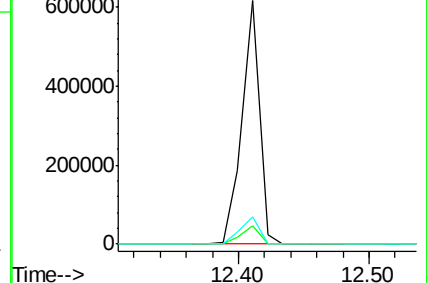
122 11.4 17.4 26.2#

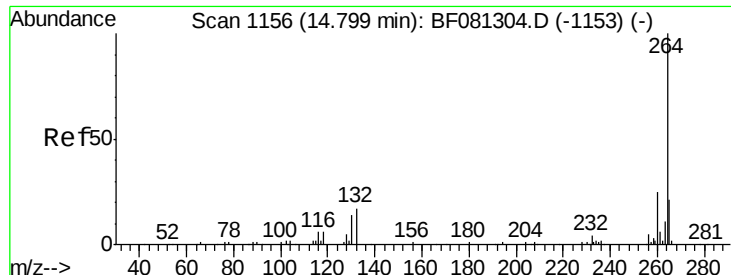


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



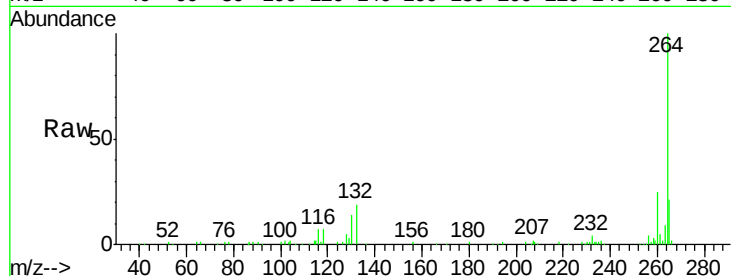


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081557.D
Acq: 9 Sep 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85437BL

Tot Ion: 264 Resp: 134274

Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.0	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

