

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081445.D
 Acq On : 5 Sep 2015 4:35
 Operator : UM/IZ
 Sample : G3511-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(5-7.5)

Quant Time: Sep 07 01:57:35 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

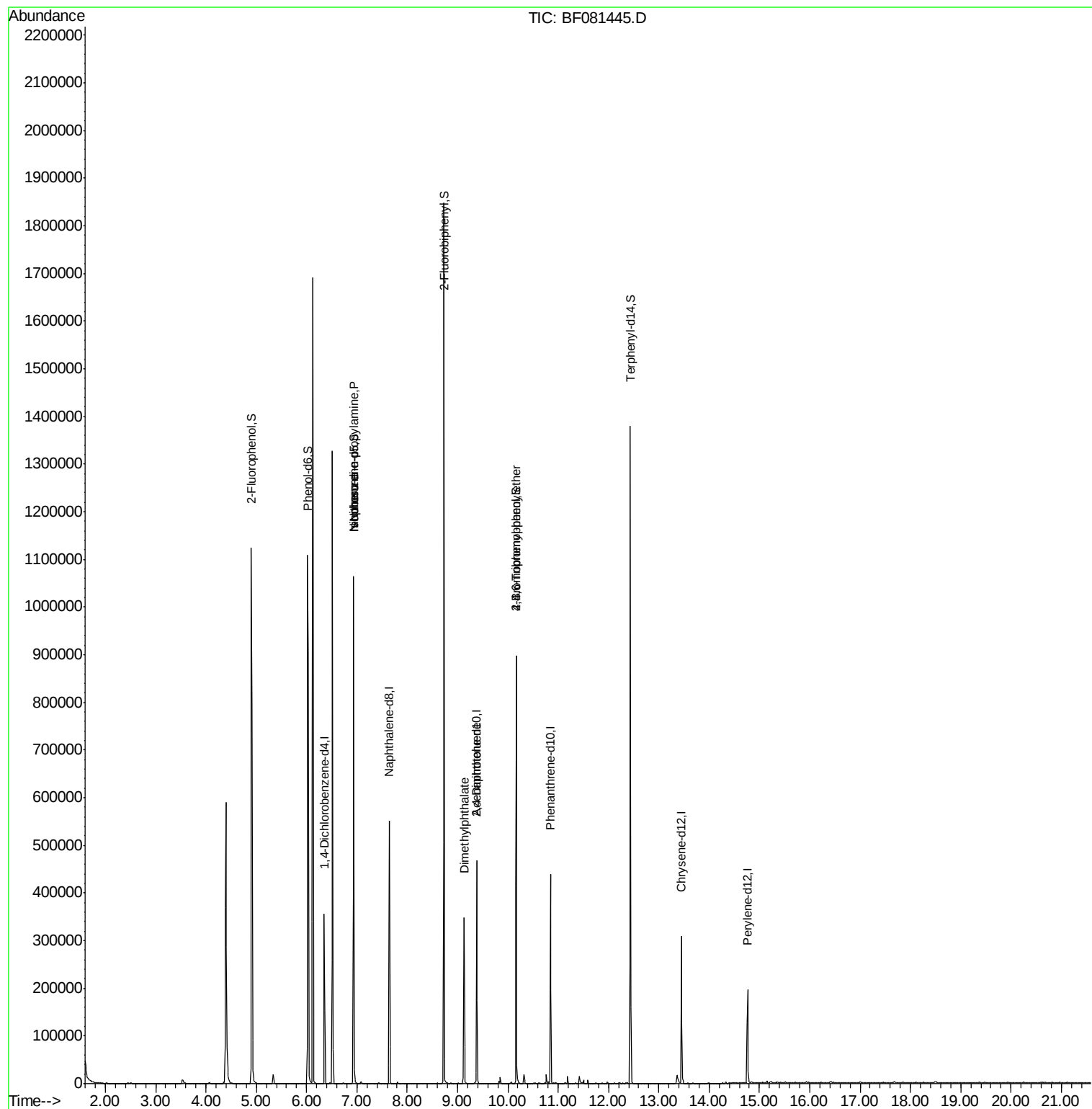
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55188	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	216663	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	95805	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	183008	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	121944	20.00	ng	-0.01
86) Perylene-d12	14.77	264	96327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	368903	103.71	ng	0.00
7) Phenol-d6	6.02	99	516408	109.68	ng	-0.01
23) Nitrobenzene-d5	6.94	82	346818	77.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	97993	114.87	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	553204	74.00	ng	0.00
78) Terphenyl-d14	12.43	244	391314	74.70	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	47885	14.94	ng	# 61
25) Isophorone	6.94	82	255062	30.54	ng	# 58
49) Dimethylphthalate	9.13	163	128084	17.21	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12294	5.72	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	7309	3.95	ng	# 1

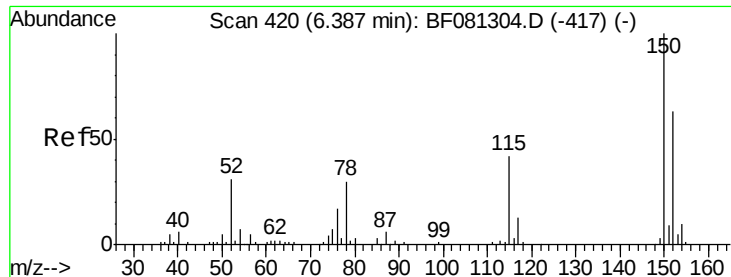
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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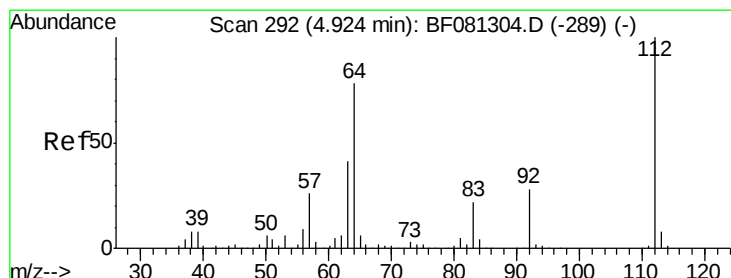
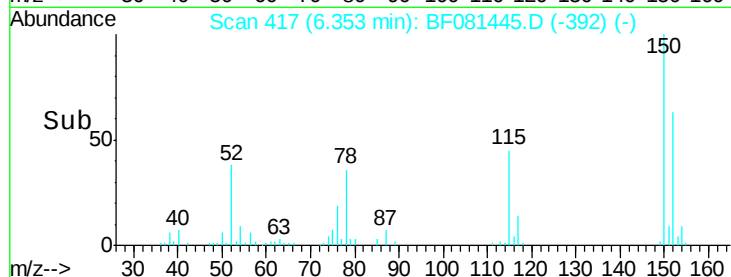
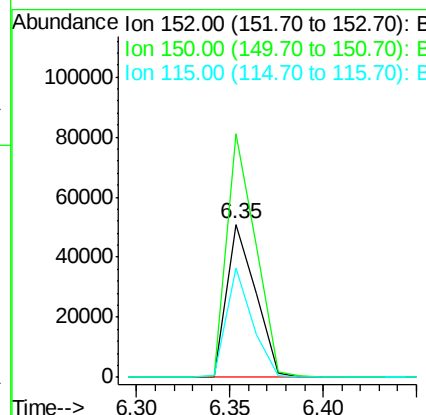
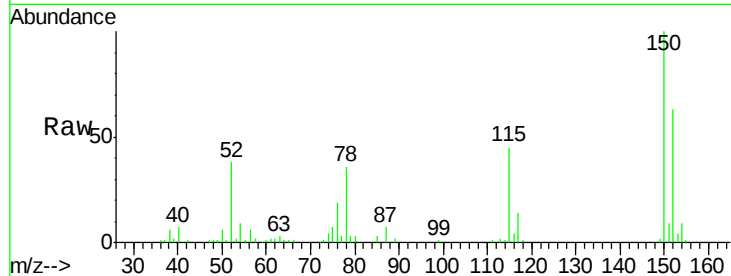


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081445.D
Acq: 5 Sep 2015 4:35

Instrument :
BNA_F
ClientSampleId :
SB-06(5-7.5)

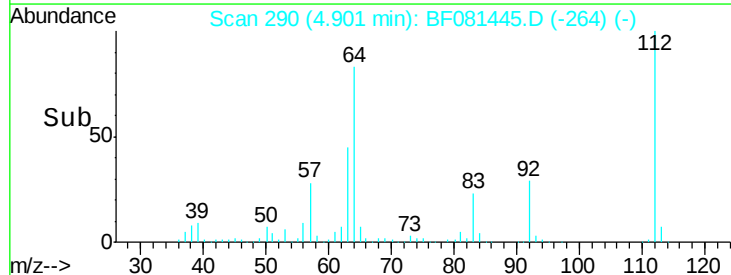
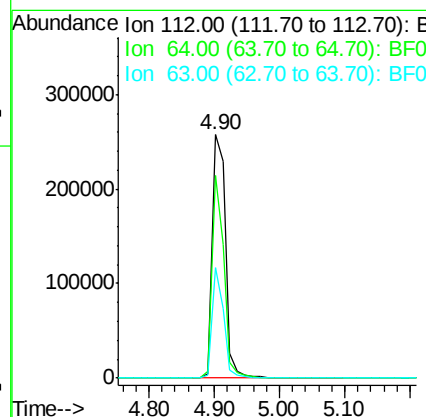
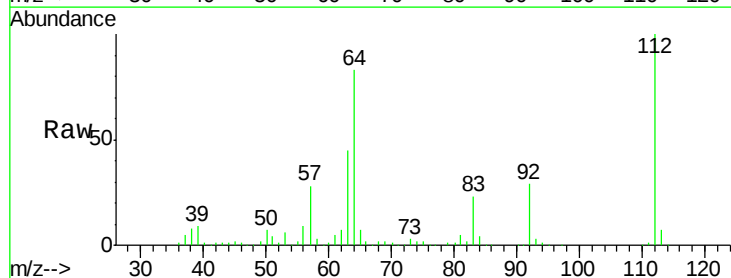
Tot Ion:152 Resp: 55188
Ion Ratio Lower Upper
152 100
150 159.2 124.7 187.1
115 71.5 39.0 58.4#

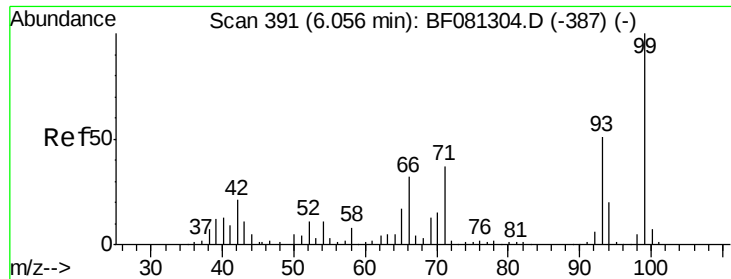


#5

2-Fluorophenol
Concen: 103.71 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.00 min
Lab File: BF081445.D
Acq: 5 Sep 2015 4:35

Tgt Ion:112 Resp: 368903
Ion Ratio Lower Upper
112 100
64 83.0 39.7 59.5#
63 45.5 17.4 26.0#





#7

Phenol-d6

Concen: 109.68 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081445.D

Acq: 5 Sep 2015 4:35

Instrument :

BNA_F

ClientSampleId :

SB-06(5-7.5)

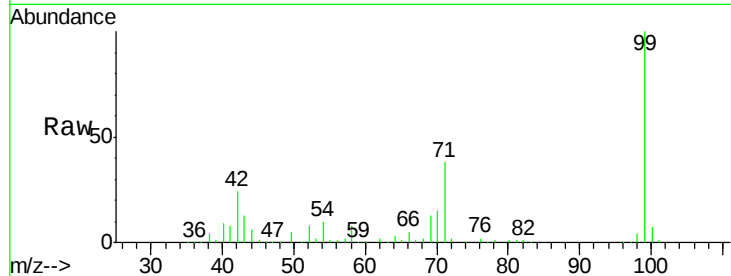
Tot Ion: 99 Resp: 516408

Ion Ratio Lower Upper

99 100

42 23.9 13.7 20.5#

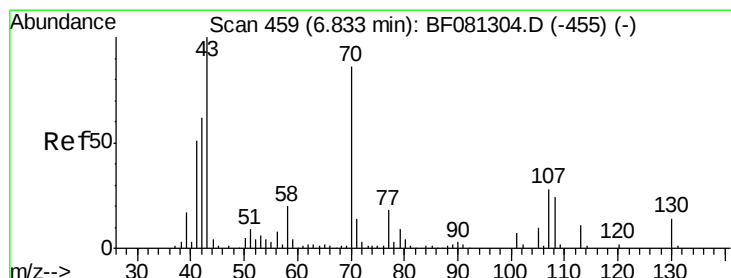
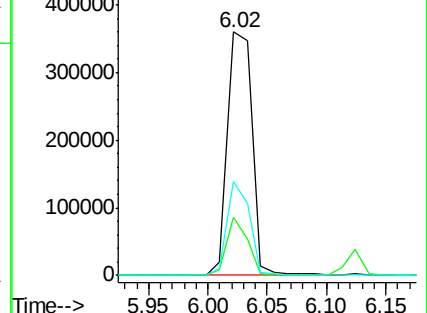
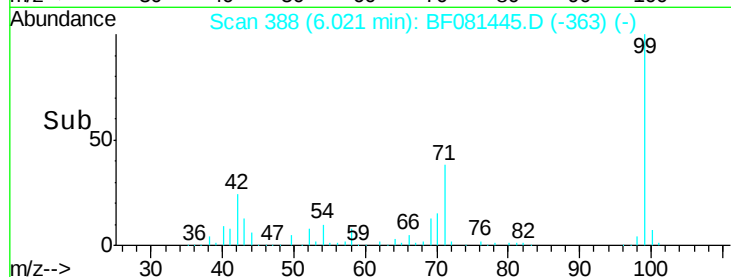
71 38.3 14.2 21.2#



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: 14.94 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081445.D

Acq: 5 Sep 2015 4:35

Tgt Ion: 70 Resp: 47885

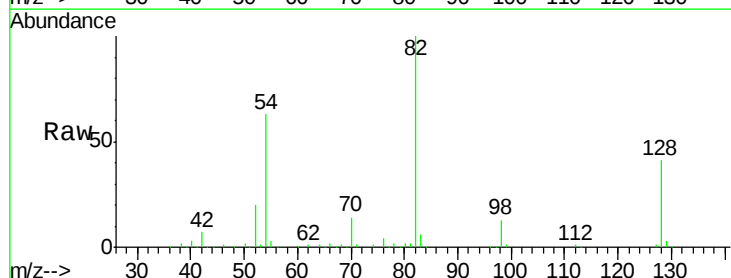
Ion Ratio Lower Upper

70 100

42 50.3 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

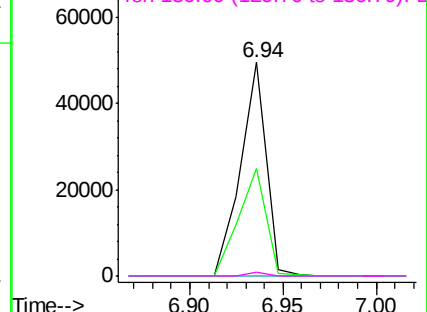
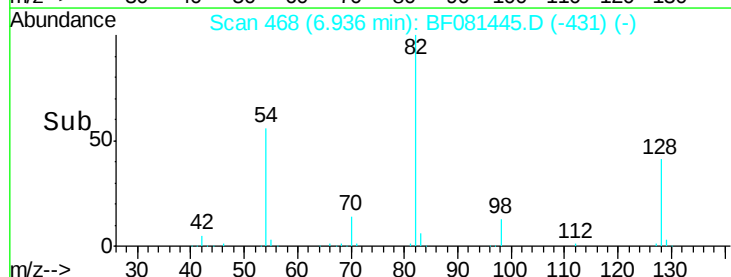


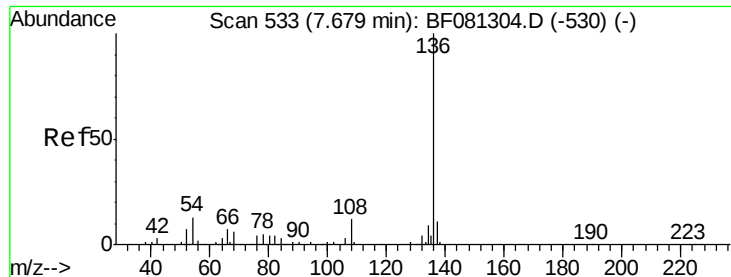
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081445.D

Acq: 5 Sep 2015 4:35

Instrument :

BNA_F

ClientSampleId :

SB-06(5-7.5)

Tot Ion:136 Resp: 216663

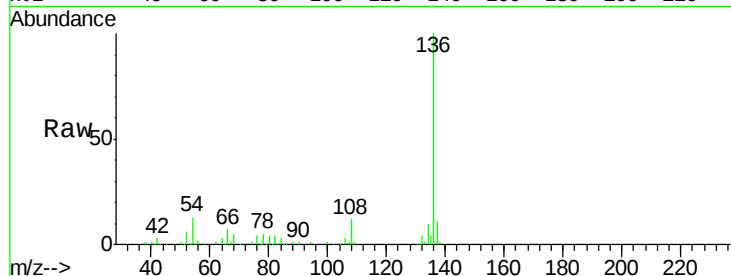
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.7 8.2 12.2#

68 5.5 5.8 8.6#

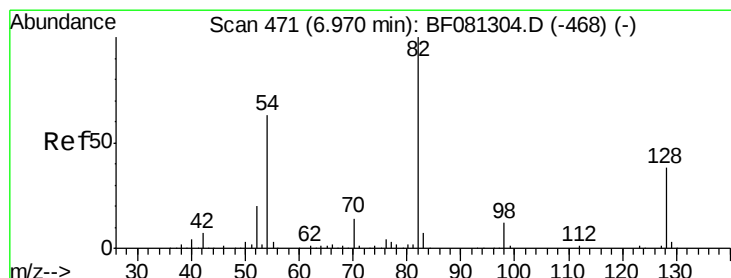
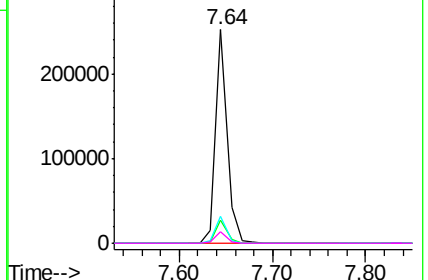
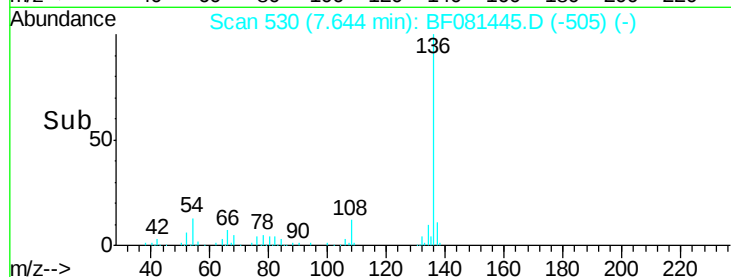


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.23 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081445.D

Acq: 5 Sep 2015 4:35

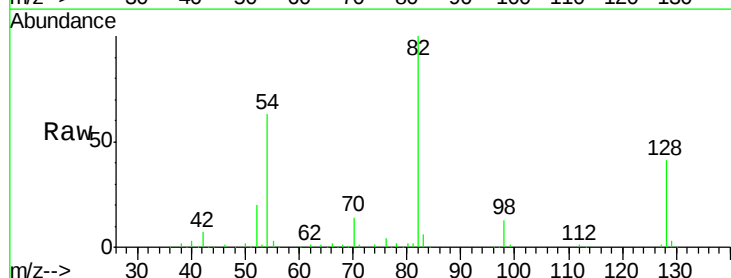
Tgt Ion: 82 Resp: 346818

Ion Ratio Lower Upper

82 100

128 40.7 51.0 76.6#

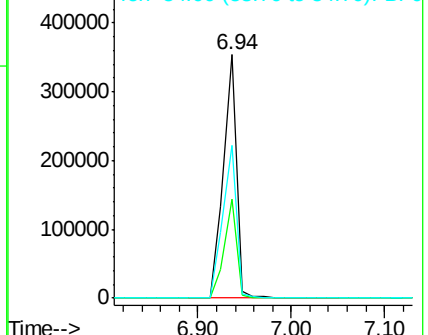
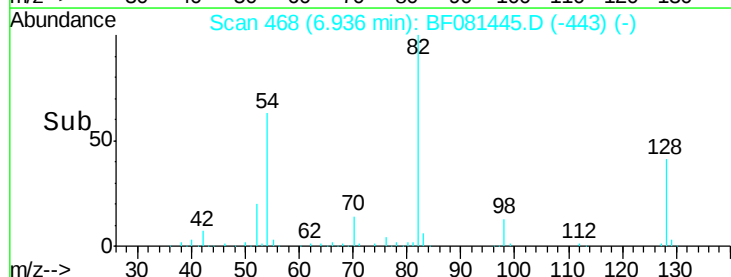
54 62.5 47.5 71.3

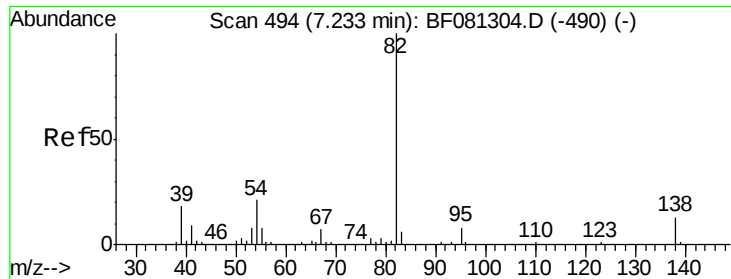


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.54 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081445.D

Acq: 5 Sep 2015 4:35

Instrument :

BNA_F

ClientSampleId :

SB-06(5-7.5)

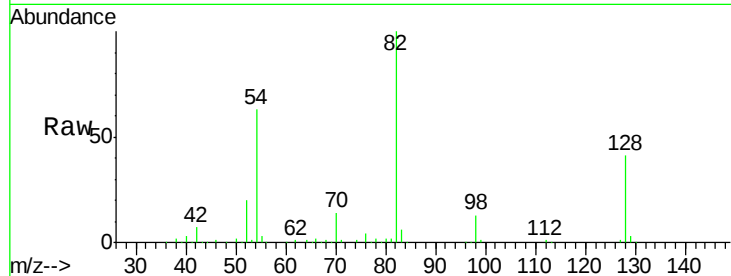
Tot Ion: 82 Resp: 255062

Ion Ratio Lower Upper

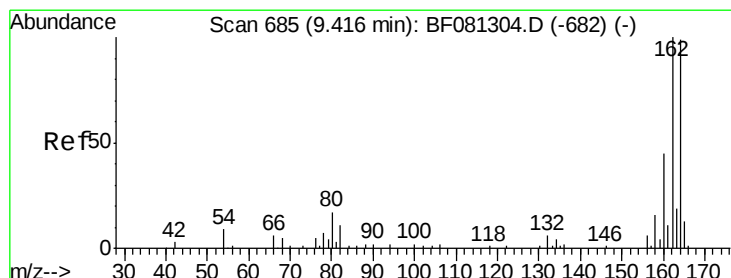
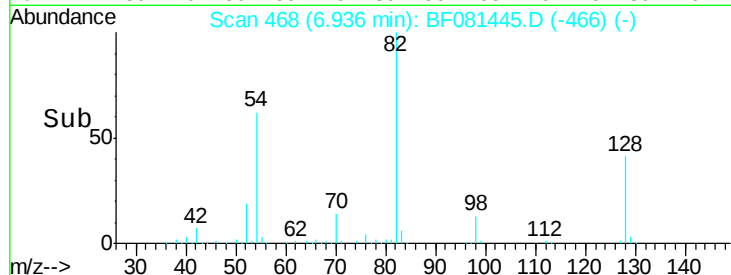
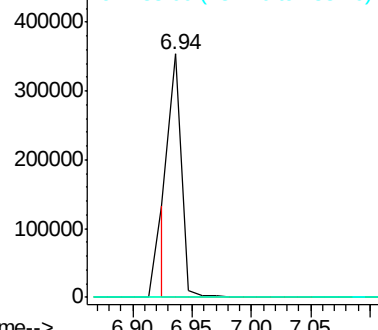
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081445.D

Acq: 5 Sep 2015 4:35

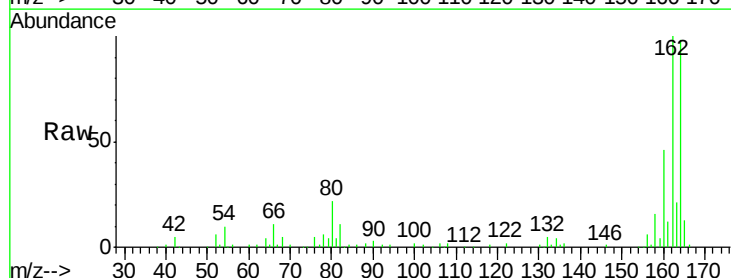
Tgt Ion: 164 Resp: 95805

Ion Ratio Lower Upper

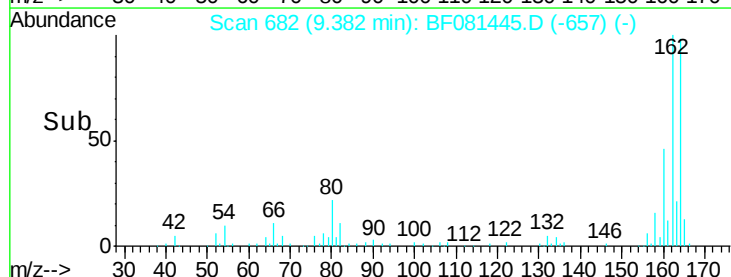
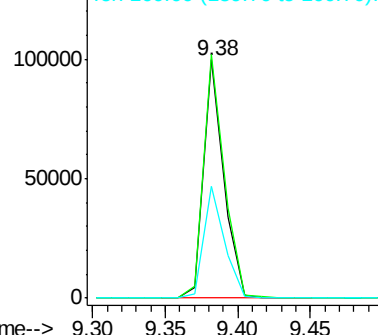
164 100

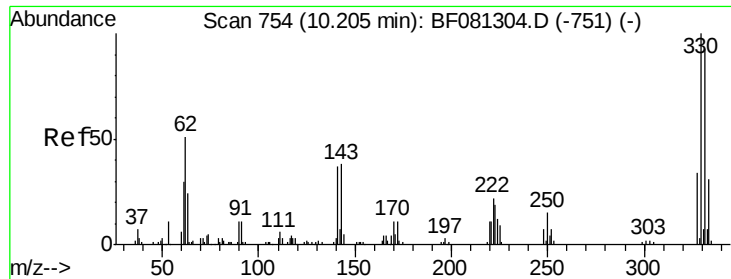
162 102.2 75.2 112.8

160 46.7 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

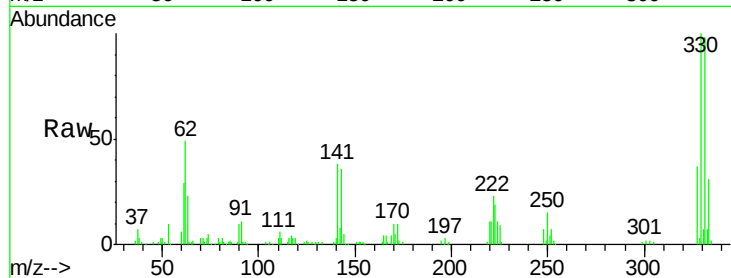




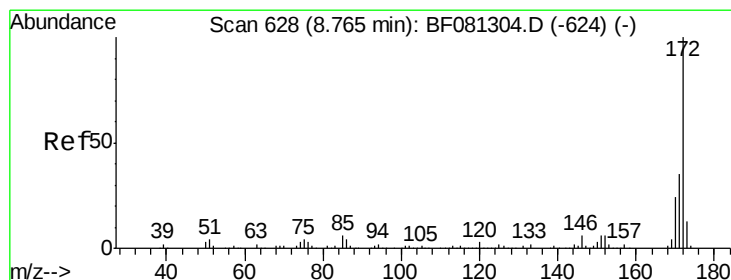
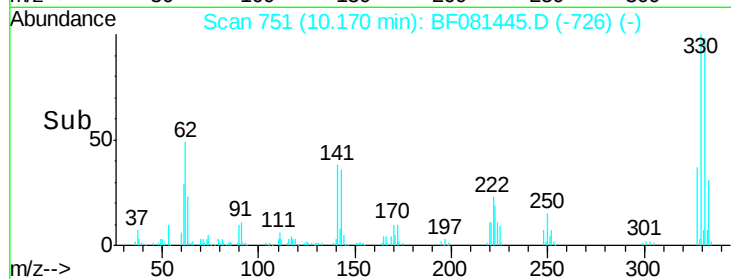
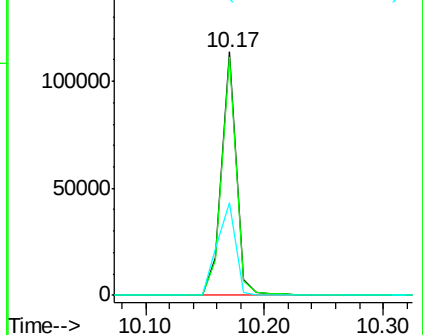
#41
 2,4,6-Tribromophenol
 Concen: 114.87 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081445.D
 Acq: 5 Sep 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(5-7.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	46.8	29.7	44.5#

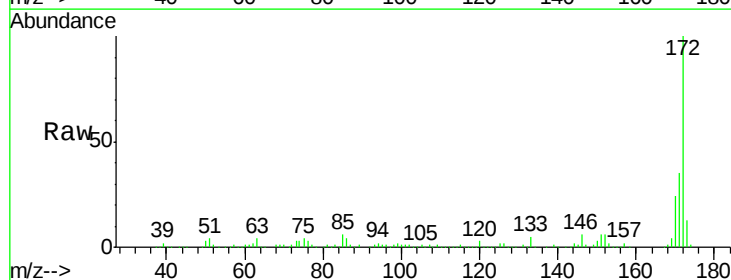


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

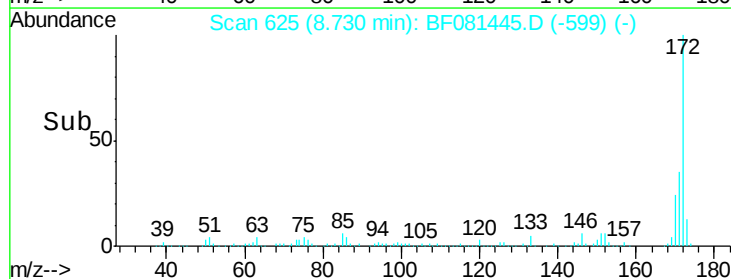
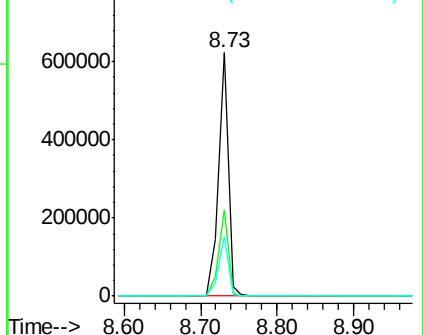


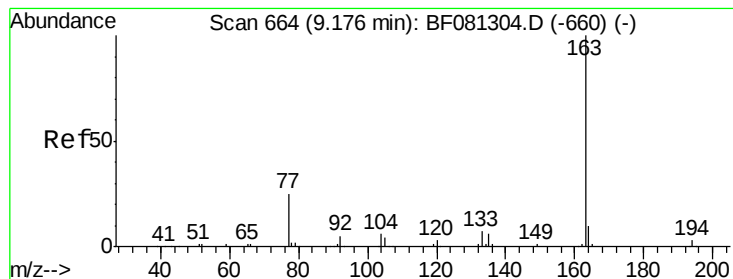
#44
 2-Fluorobiphenyl
 Concen: 74.00 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081445.D
 Acq: 5 Sep 2015 4:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.1	39.1
170	24.2	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: 17.21 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081445.D

Acq: 5 Sep 2015 4:35

Instrument :

BNA_F

ClientSampleId :

SB-06(5-7.5)

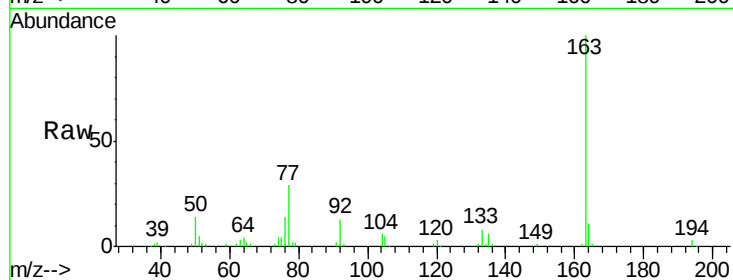
Tot Ion:163 Resp: 128084

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

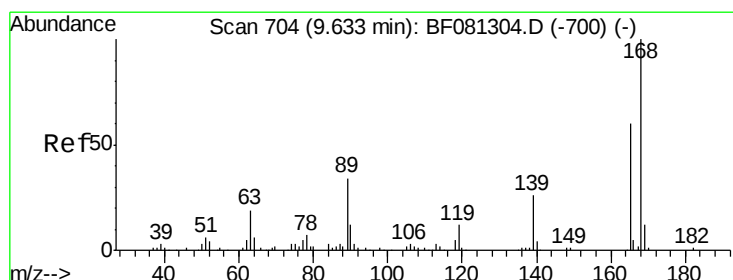
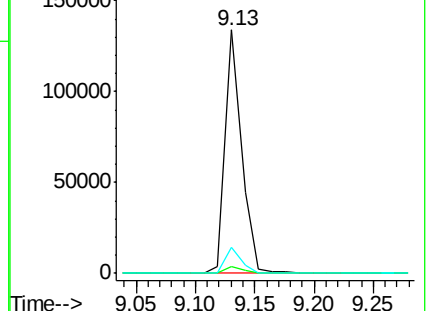
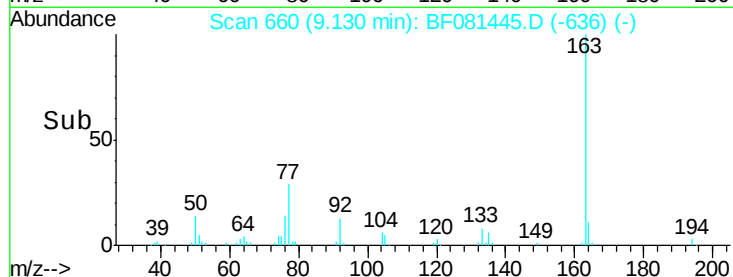
164 10.5 8.3 12.5



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: 5.72 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081445.D

Acq: 5 Sep 2015 4:35

Tgt Ion:165 Resp: 12294

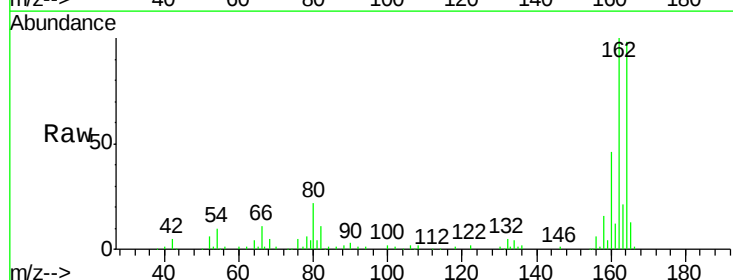
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

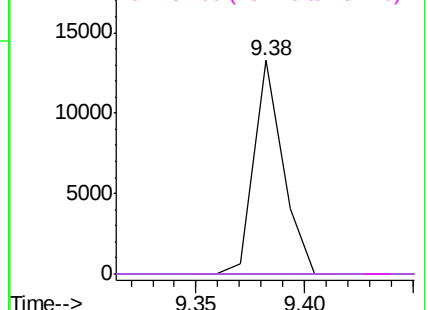
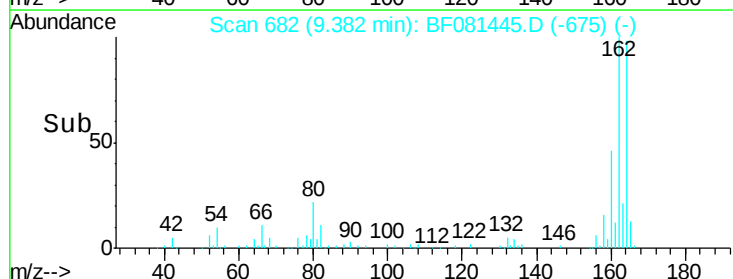


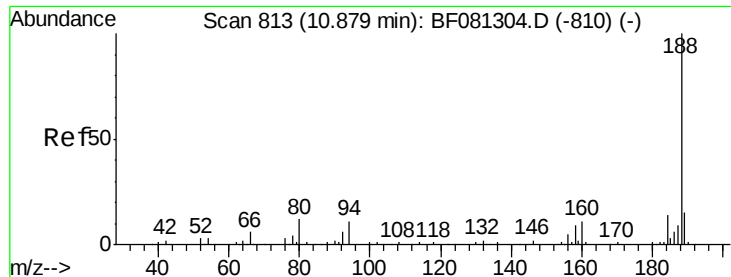
Abundance Ion 165.00 (164.70 to 165.70): E

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

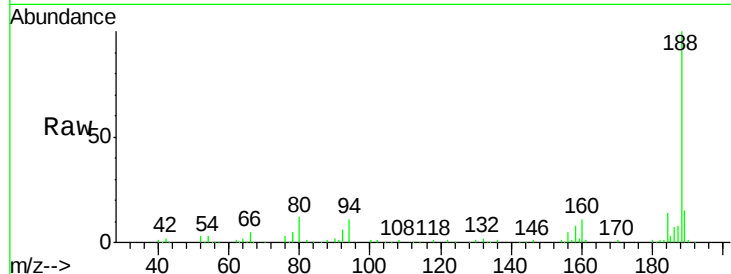




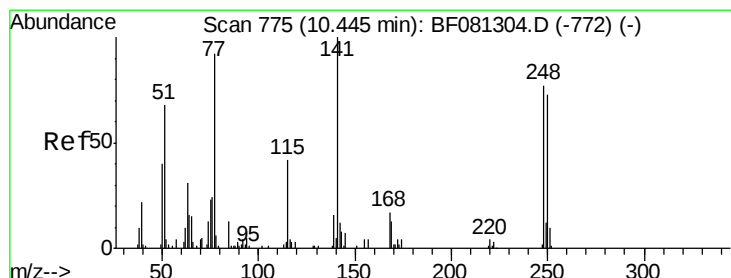
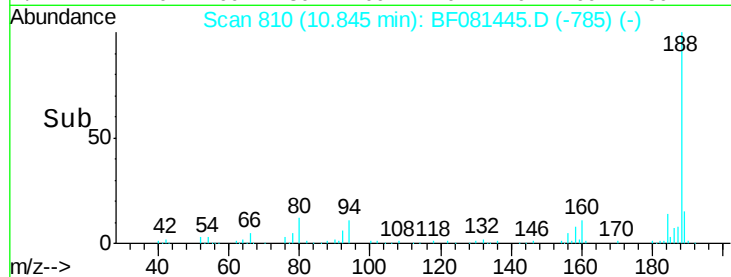
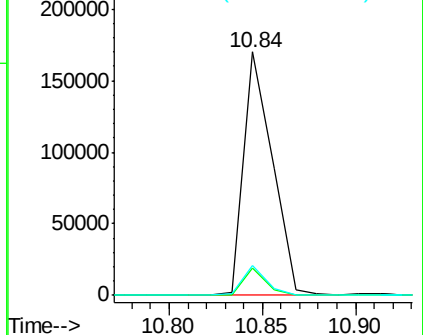
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081445.D
 Acq: 5 Sep 2015 4:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(5-7.5)

Tot Ion	188	Resp	183008
Ion Ratio	100	Lower	Upper
94	11.2	11.1	16.7
80	12.3	11.0	16.4

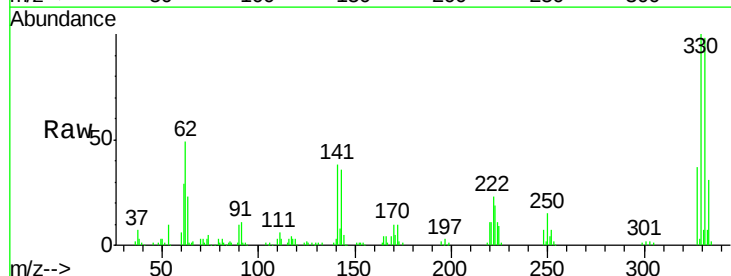


Abundance Ion 188.00 (187.70 to 188.70): E

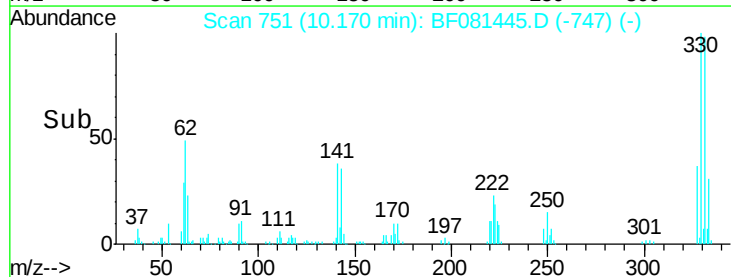
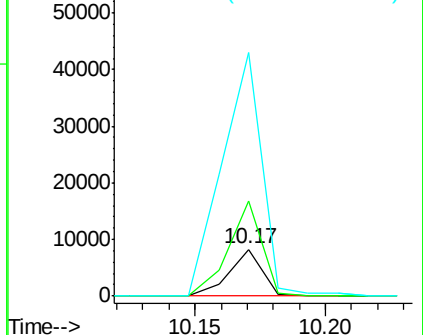


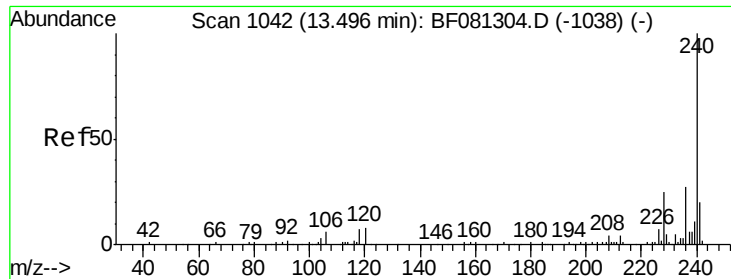
#66
 4-Bromophenyl-phenylether
 Concen: 3.95 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081445.D
 Acq: 5 Sep 2015 4:35

Tgt Ion	248	Resp	7309
Ion Ratio	100	Lower	Upper
250	204.5	78.5	117.7#
141	519.9	59.0	88.6#



Abundance Ion 248.00 (247.70 to 248.70): E

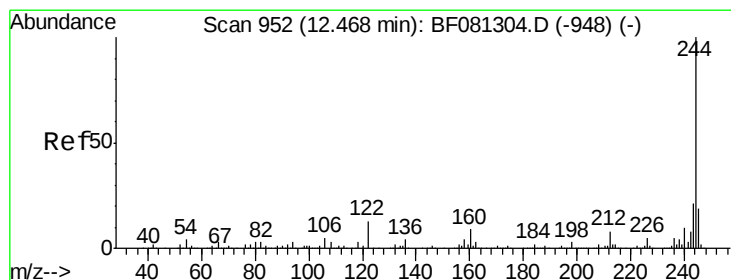
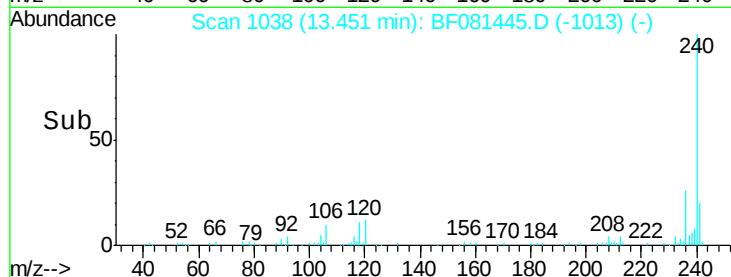
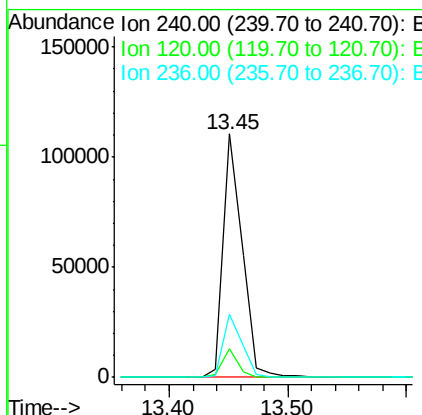
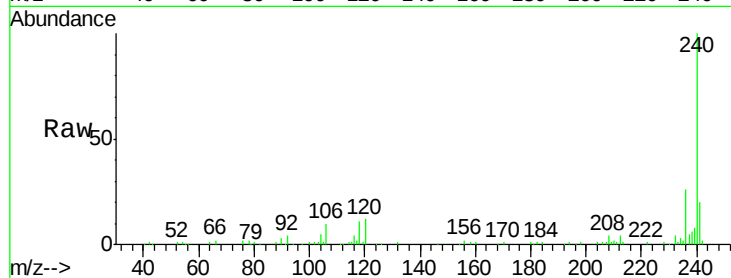




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081445.D
Acq: 5 Sep 2015 4:35

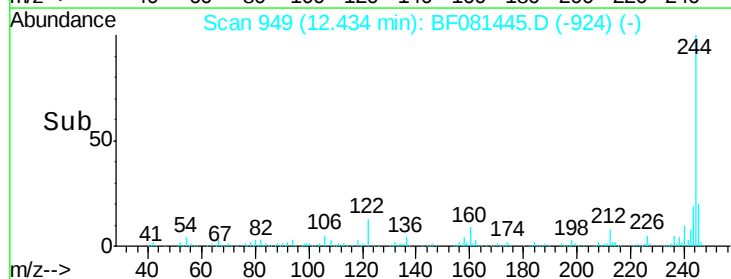
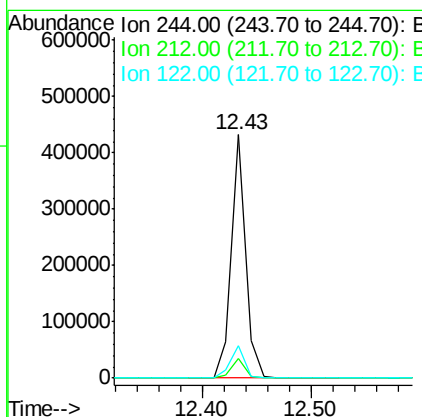
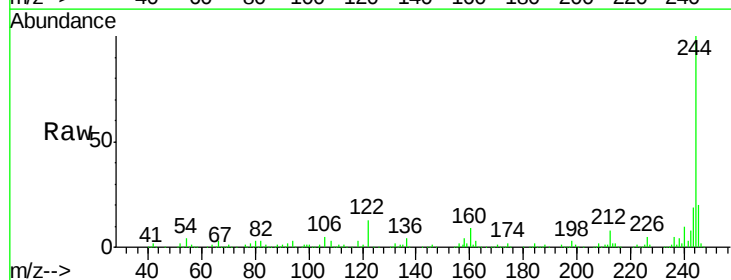
Instrument :
BNA_F
ClientSampleId :
SB-06(5-7.5)

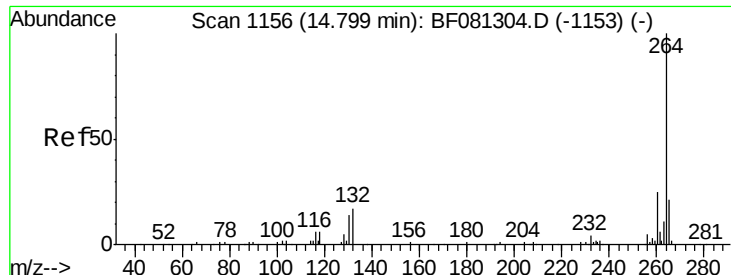
Tot Ion:240 Resp: 121944
Ion Ratio Lower Upper
240 100
120 11.9 16.2 24.2#
236 26.1 18.4 27.6



#78
Terphenyl-d14
Concen: 74.70 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF081445.D
Acq: 5 Sep 2015 4:35

Tgt Ion:244 Resp: 391314
Ion Ratio Lower Upper
244 100
212 8.1 4.3 6.5#
122 13.1 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: BF081445.D
Acq: 5 Sep 2015 4:35

Instrument :
BNA_F
ClientSampleId :
SB-06(5-7.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	20.7	17.2	25.8

