

Data Path : Z:\HPCHEM1\BNA F\Data\BF042716\
 Data File : BF086458.D
 Acq On : 28 Apr 2016 7:37
 Operator : UM/SJ
 Sample : H2707-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB10(0.5-6.0)

Quant Time: Apr 28 11:09:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

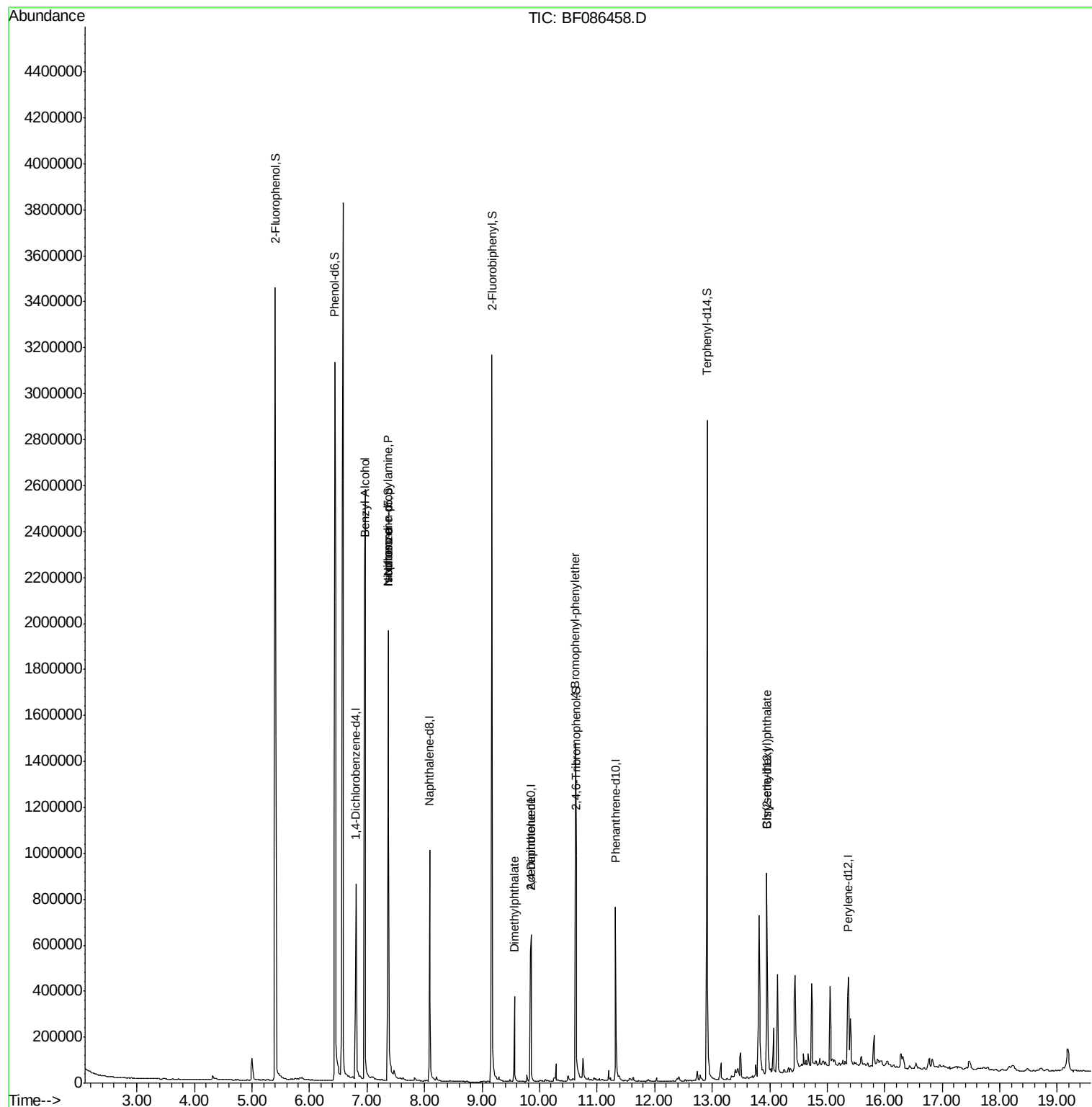
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138034	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	500763	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	179394	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	309910	20.00	ng	0.00
75) Chrysene-d12	13.95	240	327692	20.00	ng	-0.01
86) Perylene-d12	15.37	264	228784	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1128677	141.04	ng	0.01
7) Phenol-d6	6.44	99	1534207	137.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	880283	94.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	243037	128.47	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1281658	142.66	ng	0.00
78) Terphenyl-d14	12.91	244	926171	62.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	16578	2.35	ng	# 43
19) n-Nitroso-di-n-propylamine	7.37	70	116760	15.82	ng	# 73
25) Isophorone	7.37	82	758831	42.44	ng	# 68
49) Dimethylphthalate	9.56	163	143571	10.63	ng	99
56) 2,4-Dinitrotoluene	9.85	165	22431	6.31	ng	# 16
66) 4-Bromophenyl-phenylether	10.62	248	13173	4.12	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.95	149	75904	5.98	ng	98

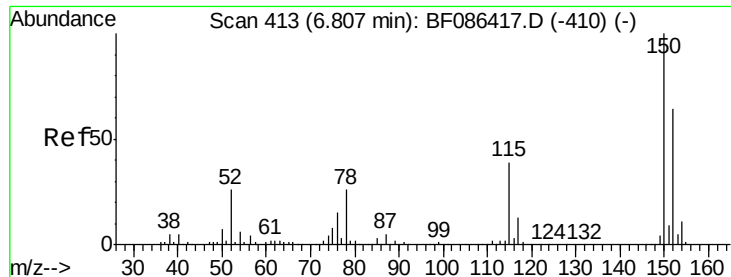
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

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Acq: 28 Apr 2016 7:37

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB10(0.5-6.0)

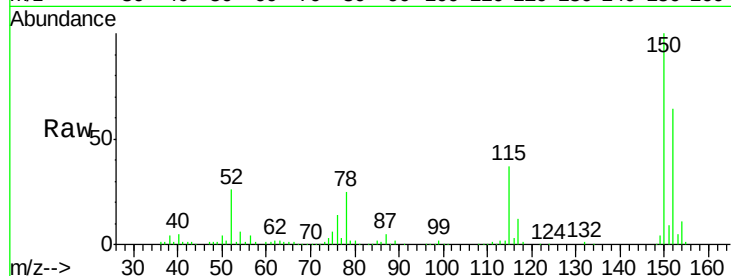
Tot Ion:152 Resp: 138034

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

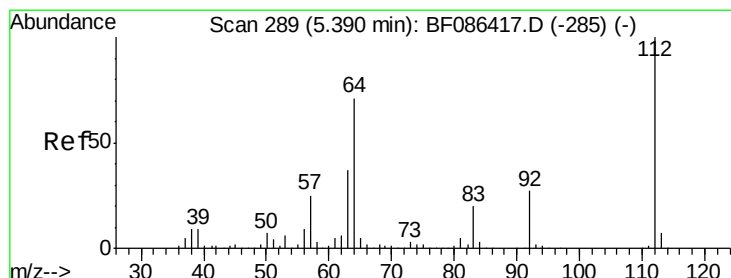
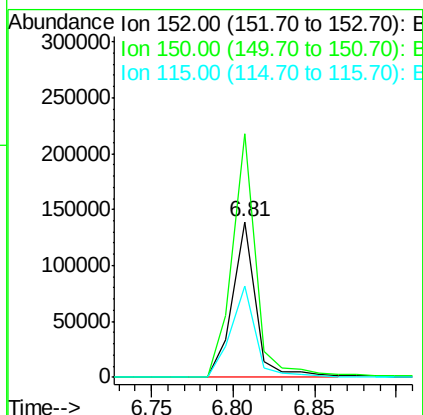
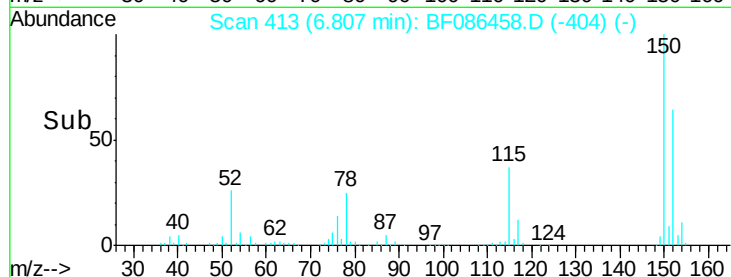
115 58.4 51.5 77.3



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: 141.04 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086458.D

Acq: 28 Apr 2016 7:37

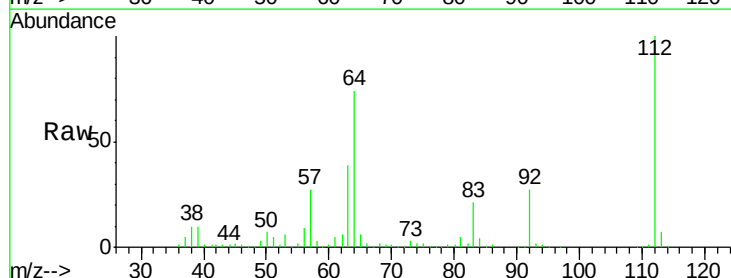
Tgt Ion:112 Resp: 1128677

Ion Ratio Lower Upper

112 100

64 73.6 52.1 78.1

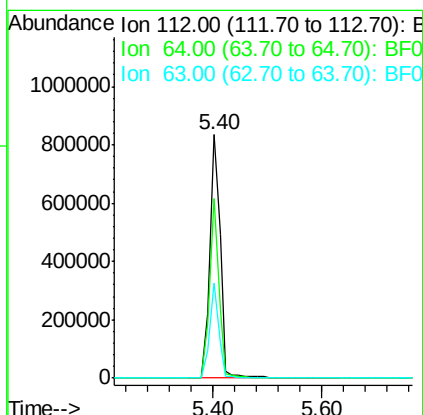
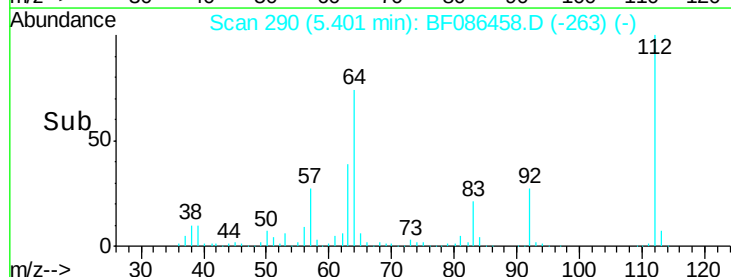
63 38.9 25.7 38.5

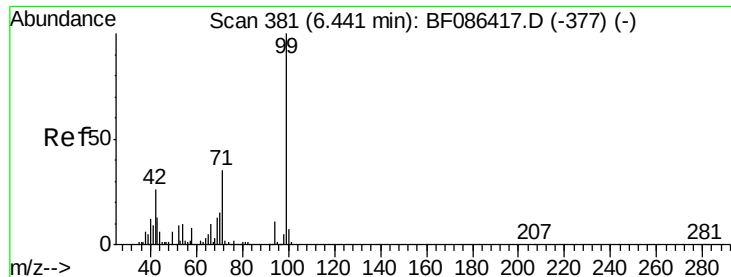


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.36 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086458.D

Acq: 28 Apr 2016 7:37

Instrument :

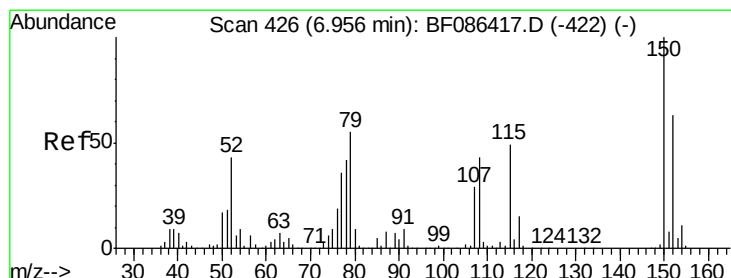
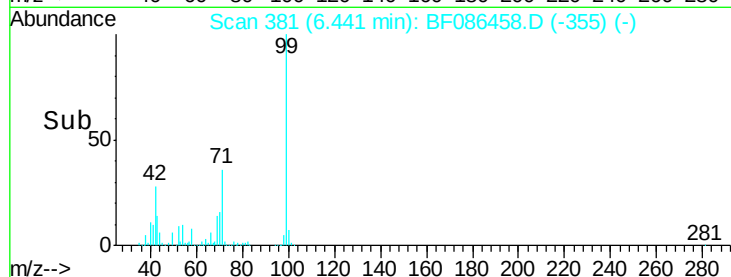
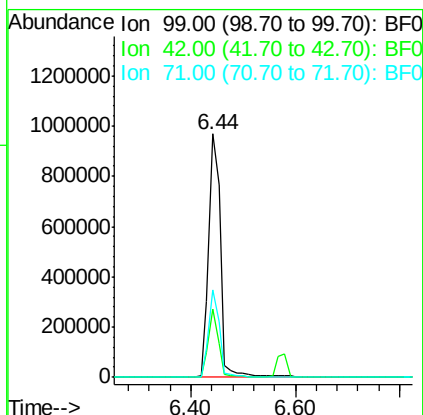
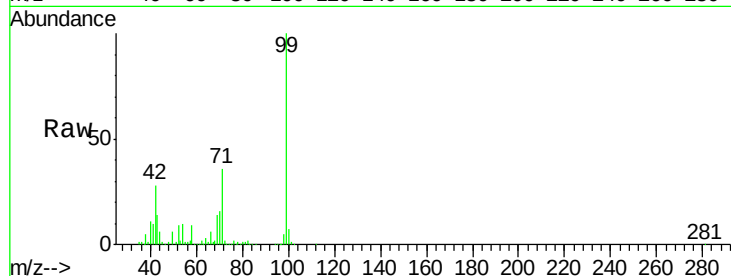
BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB10(0.5-6.0)

Tot Ion: 99 Resp: 1534207

Ion	Ratio	Lower	Upper
99	100		
42	28.1	13.6	20.4#
71	36.1	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 6.96 min Scan# 426

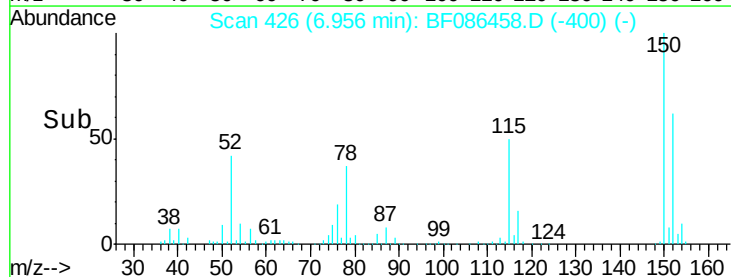
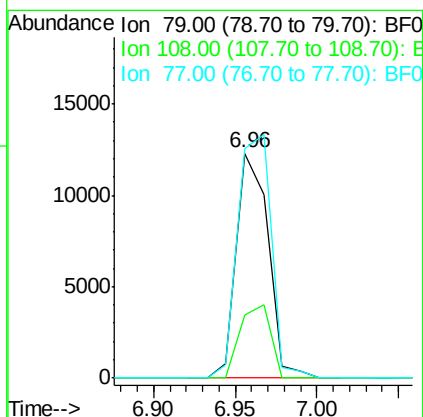
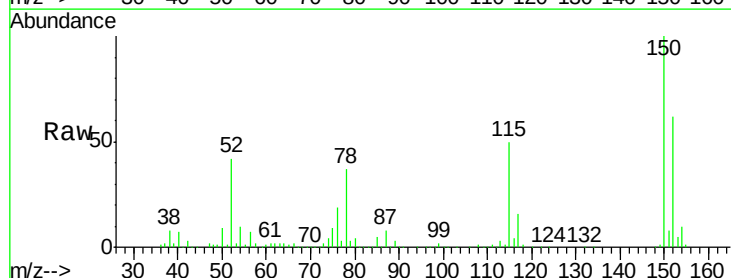
Delta R.T. 0.00 min

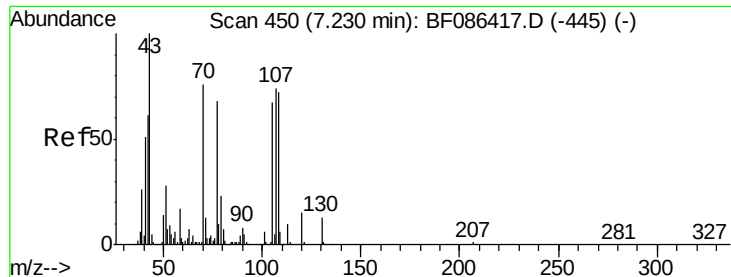
Lab File: BF086458.D

Acq: 28 Apr 2016 7:37

Tgt Ion: 79 Resp: 16578

Ion	Ratio	Lower	Upper
79	100		
108	28.1	68.4	102.6#
77	102.0	50.6	76.0#





#19

n-Nitroso-di-n-propylamine

Concen: 15.82 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF086458.D

Acq: 28 Apr 2016 7:37

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB10(0.5-6.0)

Tot Ion: 70 Resp: 116760

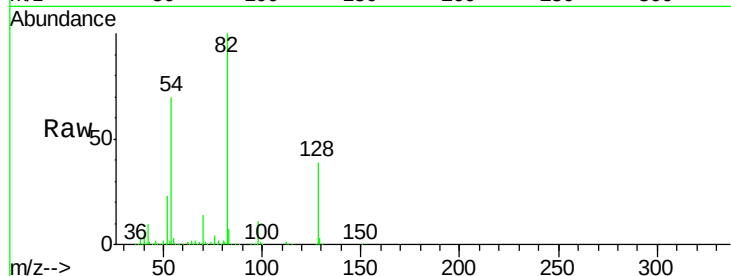
Ion Ratio Lower Upper

70 100

42 67.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

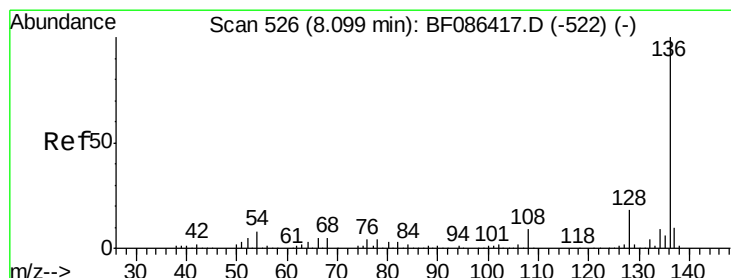
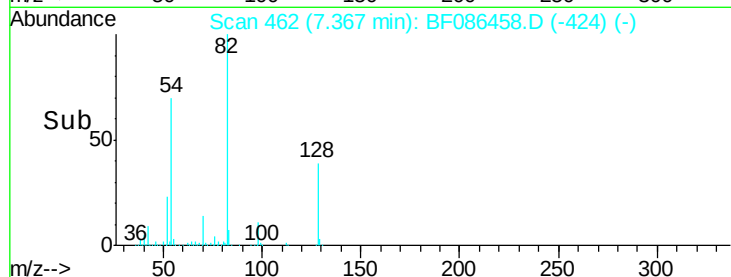
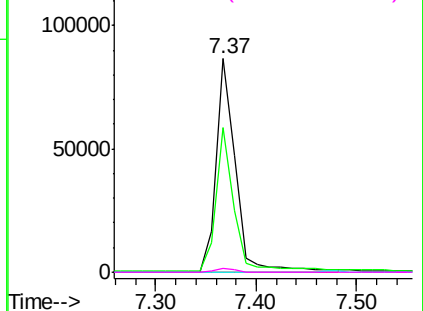


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086458.D

Acq: 28 Apr 2016 7:37

Tgt Ion: 136 Resp: 500763

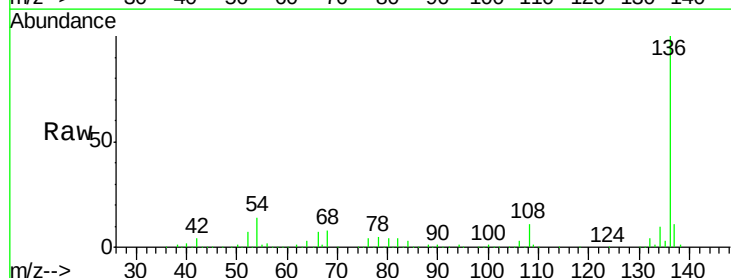
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.1 5.0 7.4#

68 7.9 4.4 6.6#

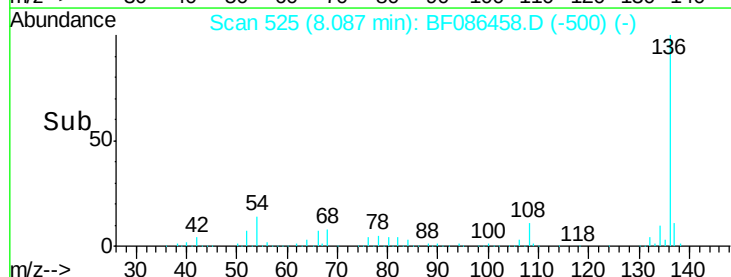
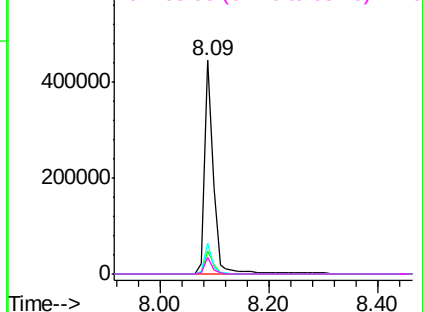


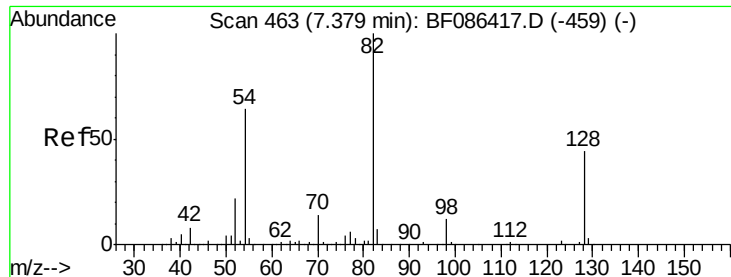
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.75 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF086458.D

Acq: 28 Apr 2016 7:37

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB10(0.5-6.0)

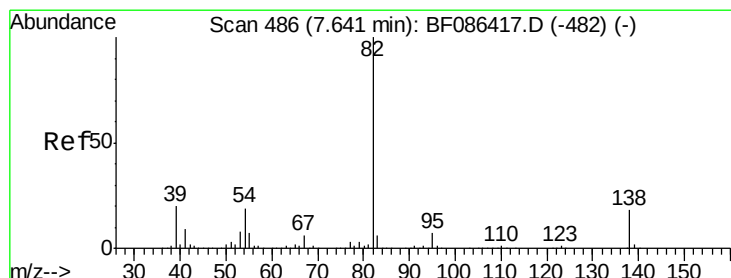
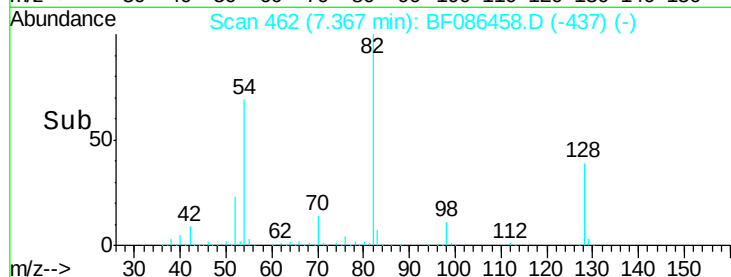
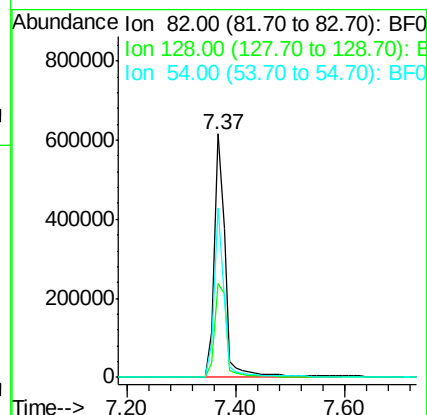
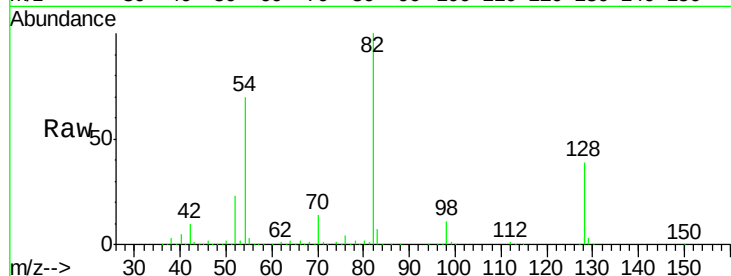
Tot Ion: 82 Resp: 880283

Ion Ratio Lower Upper

82 100

128 38.8 40.6 61.0#

54 69.6 38.1 57.1#



#25

Isophorone

Concen: 42.44 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.27 min

Lab File: BF086458.D

Acq: 28 Apr 2016 7:37

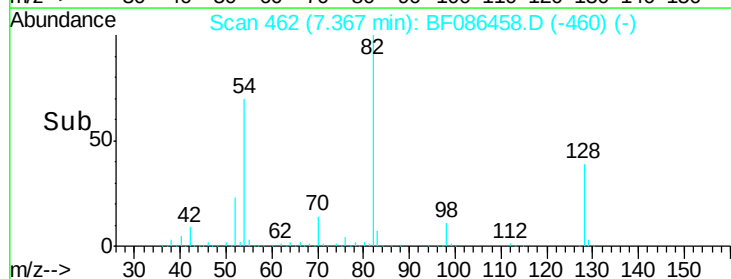
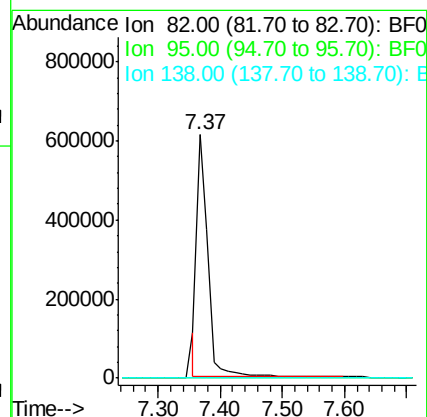
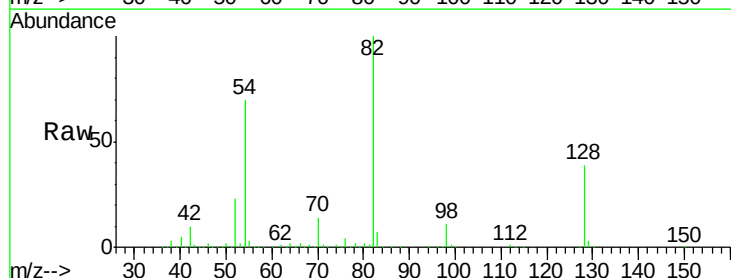
Tgt Ion: 82 Resp: 758831

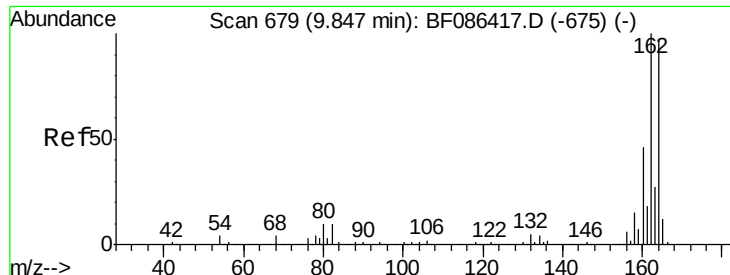
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#

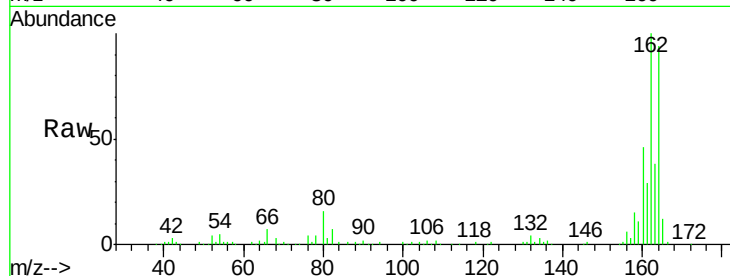




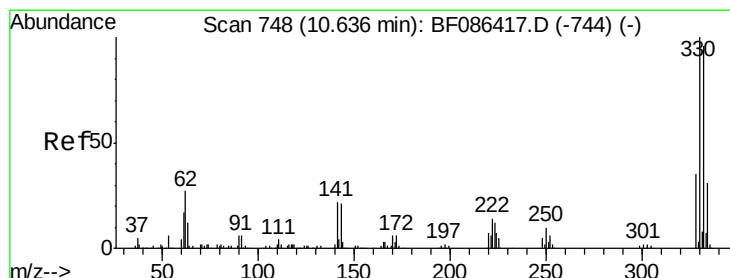
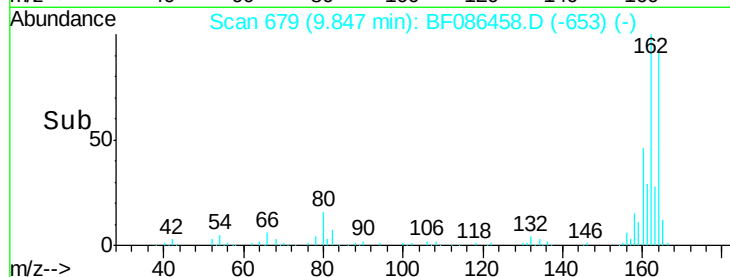
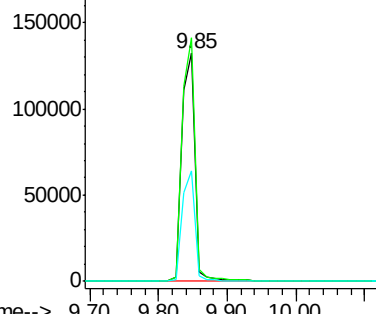
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086458.D
 Acq: 28 Apr 2016 7:37

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB10(0.5-6.0)

Tot Ion:164 Resp: 179394
 Ion Ratio Lower Upper
 164 100
 162 106.7 82.8 124.2
 160 48.7 36.9 55.3

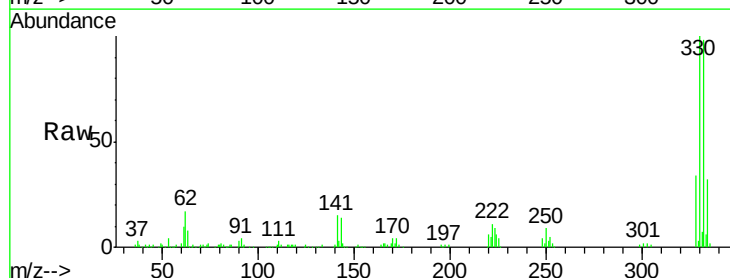


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

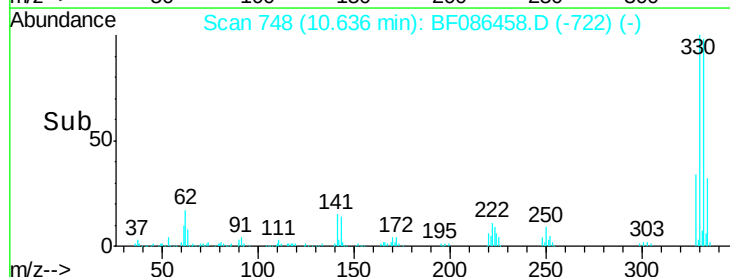
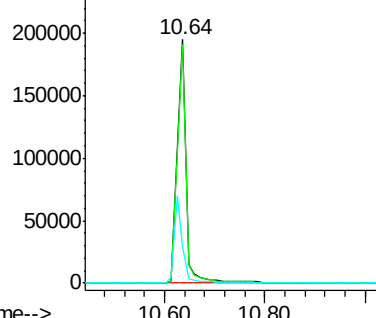


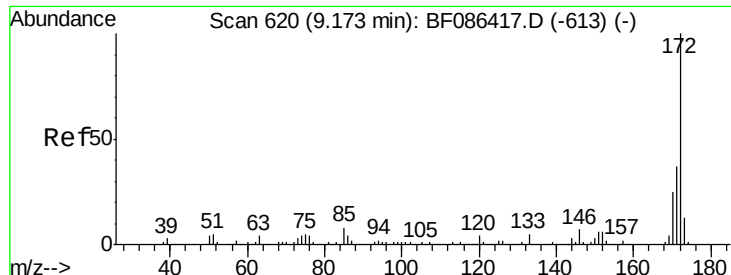
#41
 2,4,6-Tribromophenol
 Concen: 128.47 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086458.D
 Acq: 28 Apr 2016 7:37

Tgt Ion:330 Resp: 243037
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 32.5 31.2 46.8



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



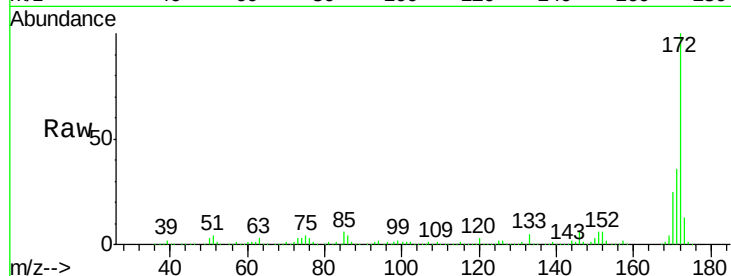


#44
 2-Fluorobiphenyl
 Concen: 142.66 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086458.D
 Acq: 28 Apr 2016 7:37

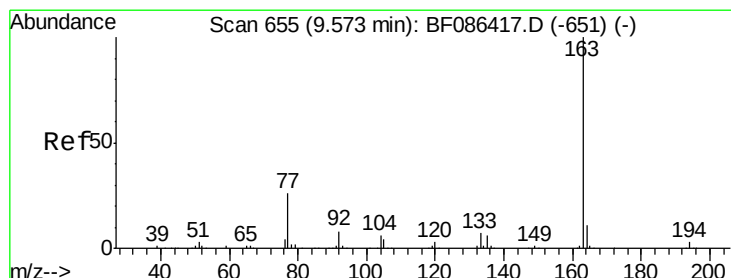
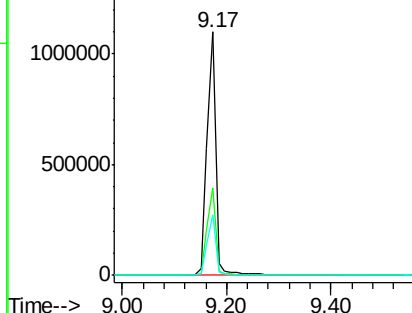
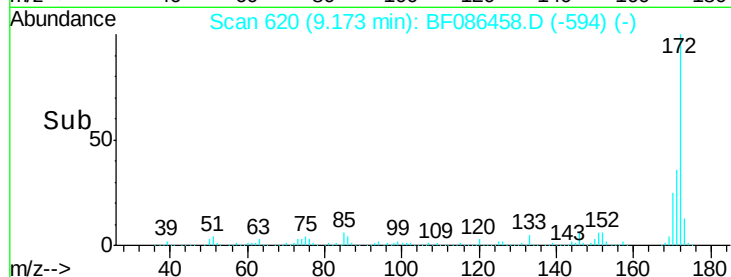
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 RICHMOND-AMBOY-SB10(0.5-6.0)

Tot Ion:172 Resp: 1281658

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.6	19.8	29.8



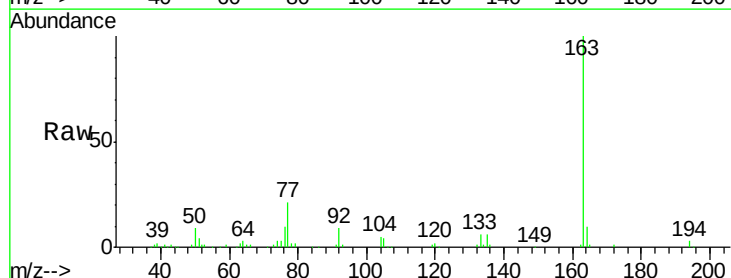
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



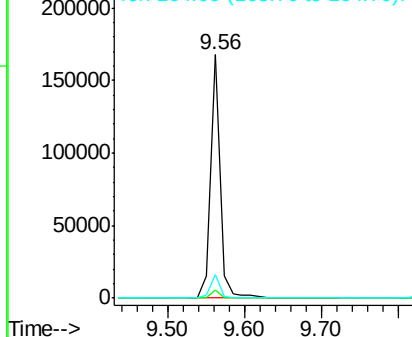
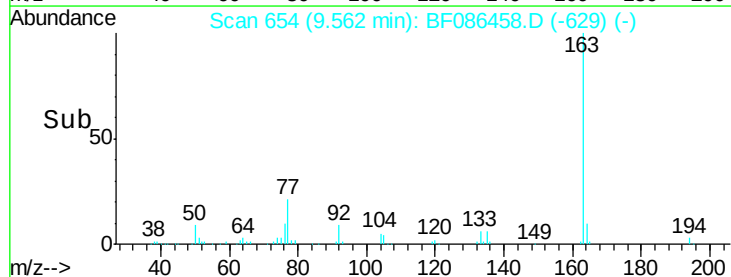
#49
 Dimethylphthalate
 Concen: 10.63 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086458.D
 Acq: 28 Apr 2016 7:37

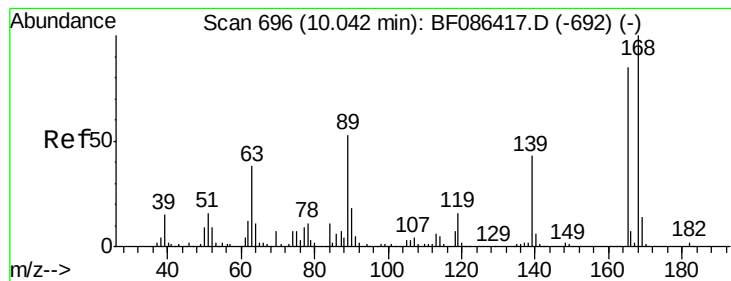
Tgt Ion:163 Resp: 143571

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.2	12.4



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

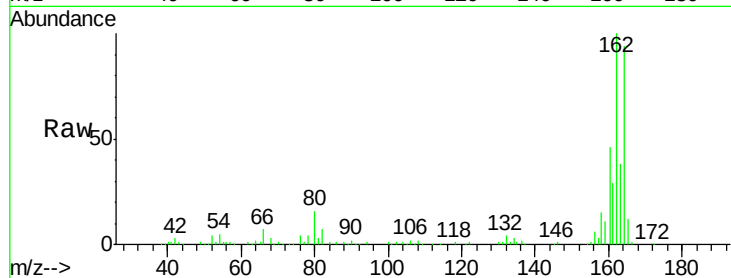




#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.19 min
 Lab File: BF086458.D
 Acq: 28 Apr 2016 7:37

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB10(0.5-6.0)

Tot Ion:	165	Resp:	22431
Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

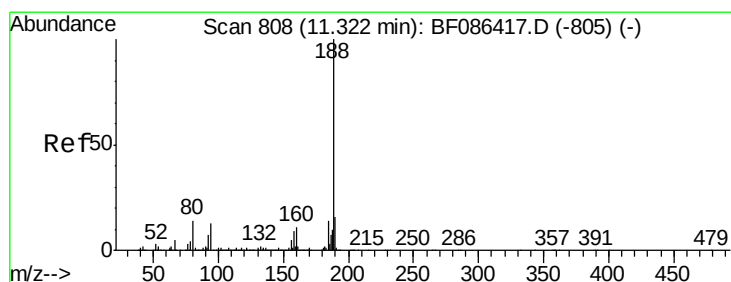
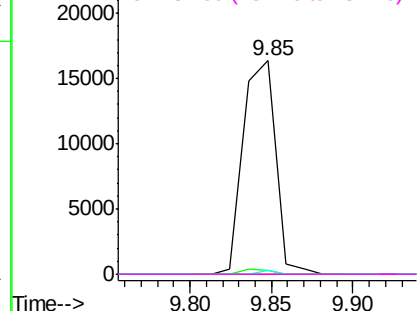
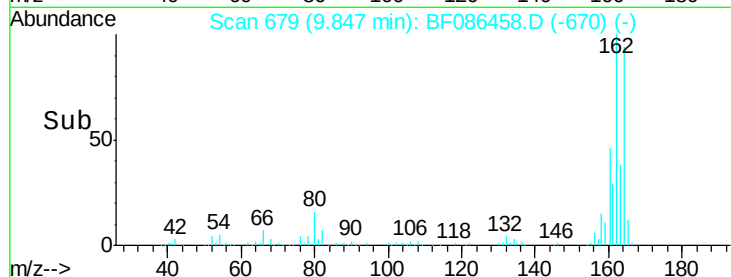


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

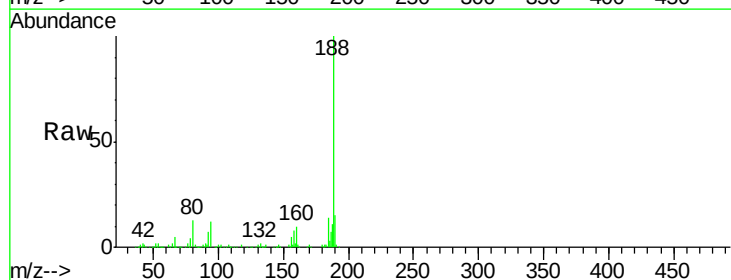
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086458.D
 Acq: 28 Apr 2016 7:37

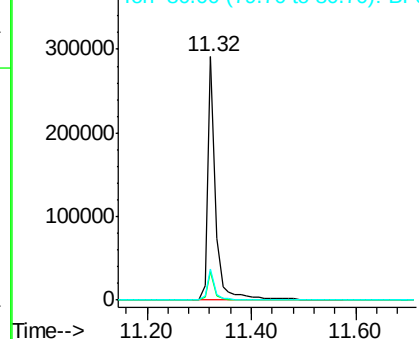
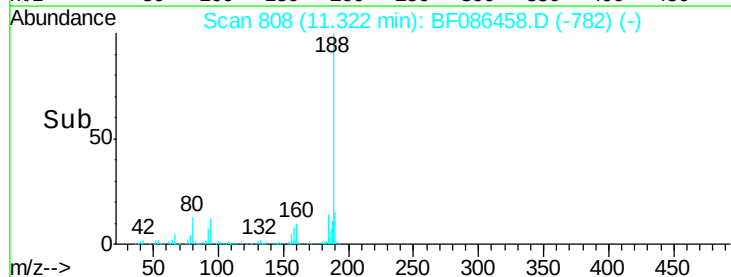
Tgt Ion:	188	Resp:	309910
Ion	Ratio	Lower	Upper
188	100		
94	11.7	6.8	10.2#
80	12.9	7.1	10.7#

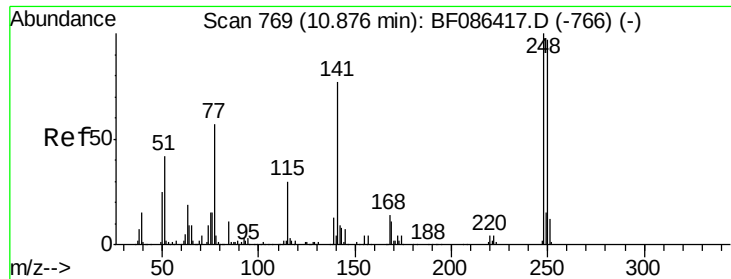


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.12 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.25 min

Lab File: BF086458.D

Acq: 28 Apr 2016 7:37

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB10(0.5-6.0)

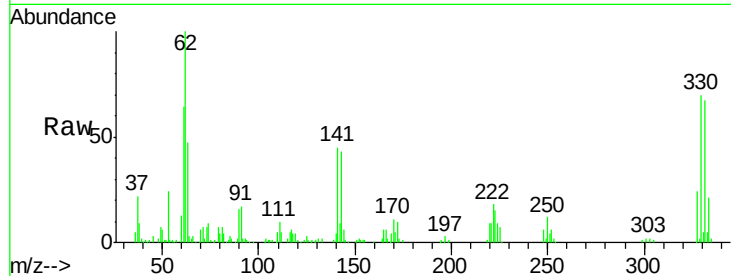
Tot Ion:248 Resp: 13173

Ion Ratio Lower Upper

248 100

250 192.4 78.6 117.8#

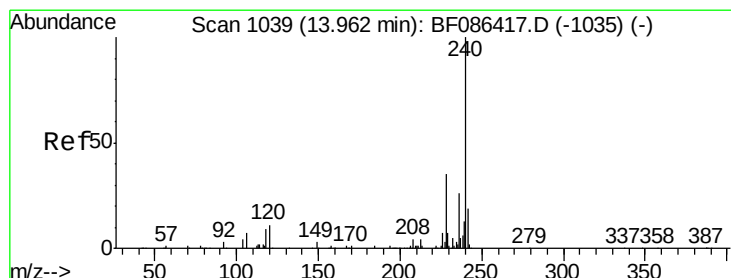
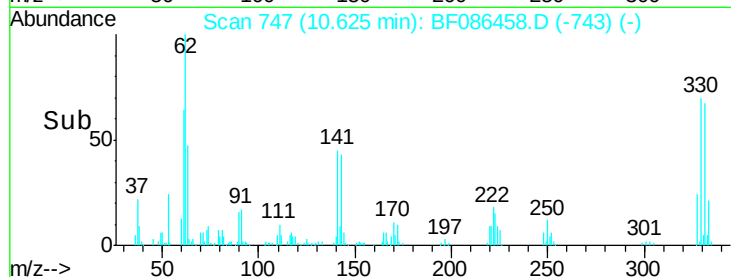
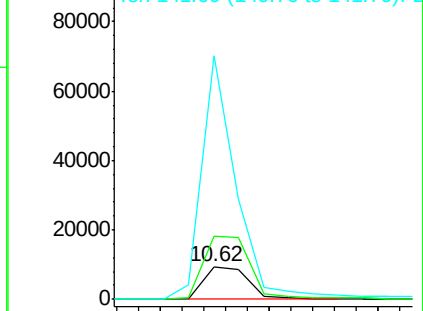
141 743.1 76.0 114.0#



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086458.D

Acq: 28 Apr 2016 7:37

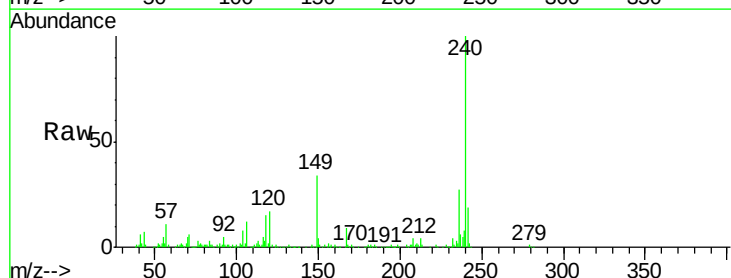
Tgt Ion:240 Resp: 327692

Ion Ratio Lower Upper

240 100

120 17.3 11.2 16.8#

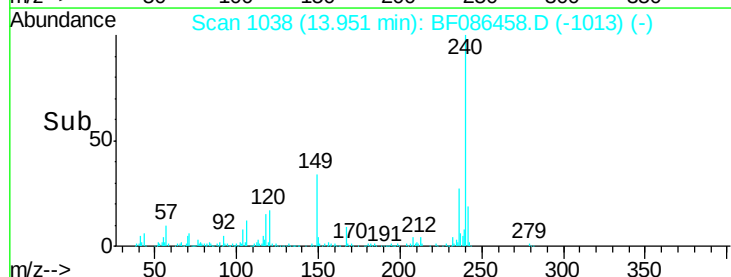
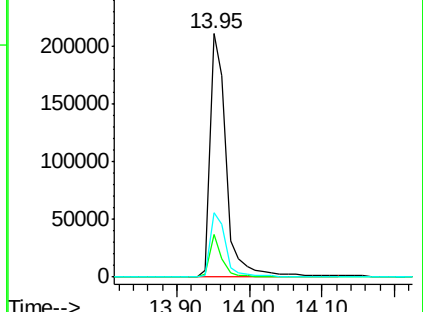
236 26.5 21.2 31.8

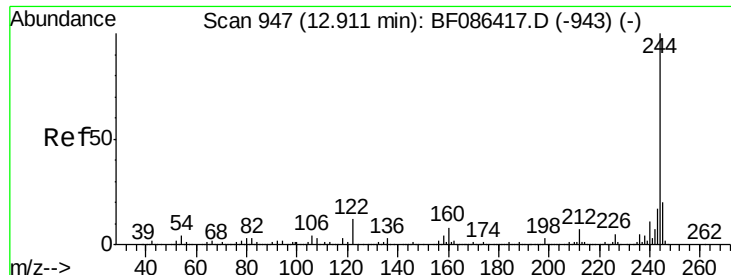


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

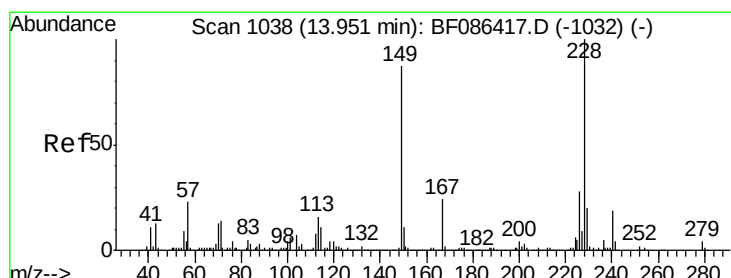
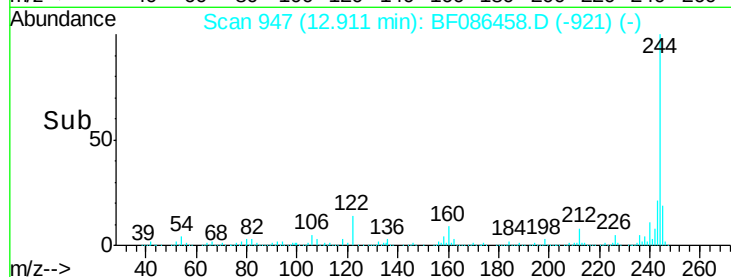
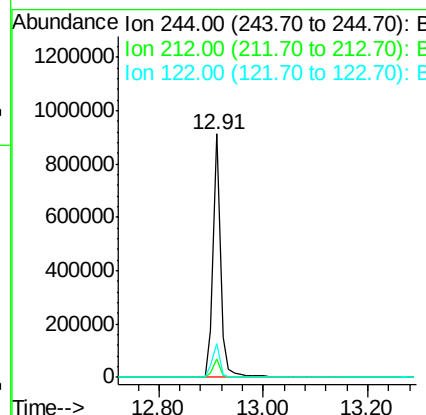
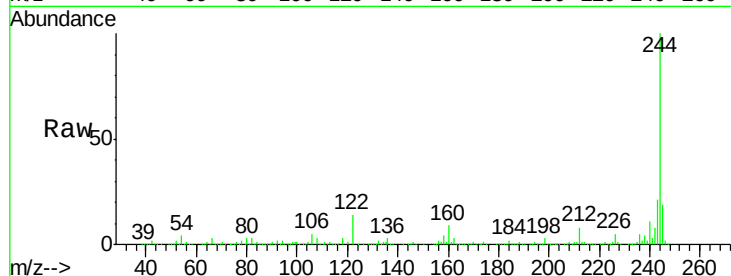




#78
 Terphenyl-d14
 Concen: 62.27 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF086458.D
 Acq: 28 Apr 2016 7:37

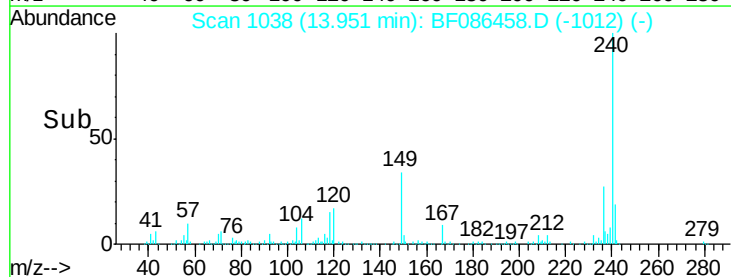
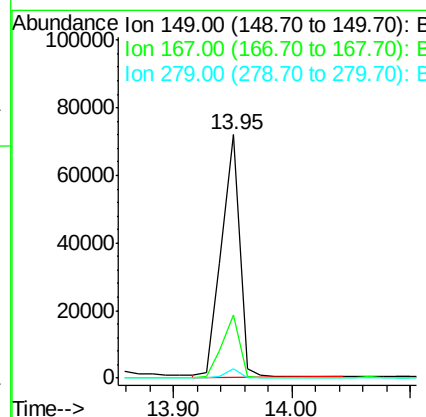
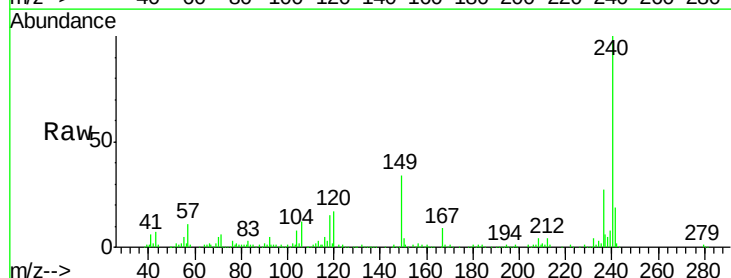
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB10(0.5-6.0)

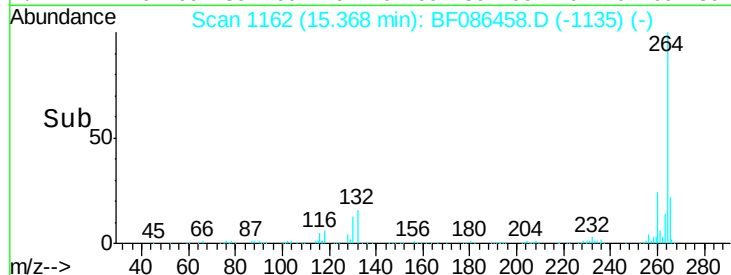
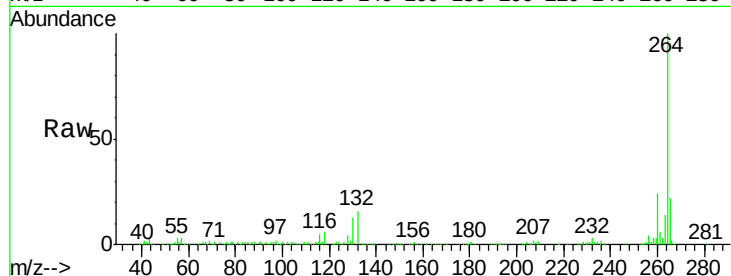
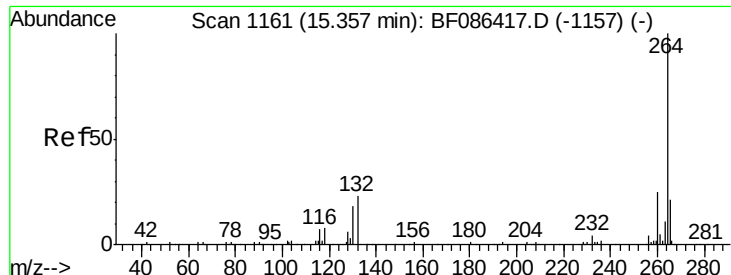
Tot Ion:244 Resp: 926171
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.6 12.0 18.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.98 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086458.D
 Acq: 28 Apr 2016 7:37

Tgt Ion:149 Resp: 75904
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.8 32.6
 279 3.6 2.6 4.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086458.D
Acq: 28 Apr 2016 7:37

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB10(0.5-6.0)

Tot Ion:	264	Resp:	228784
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	21.8	17.3	25.9

