

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086453.D
 Acq On : 28 Apr 2016 5:14
 Operator : UM/SJ
 Sample : H2707-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB07(0.5-6.0)

Quant Time: Apr 28 07:55:40 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

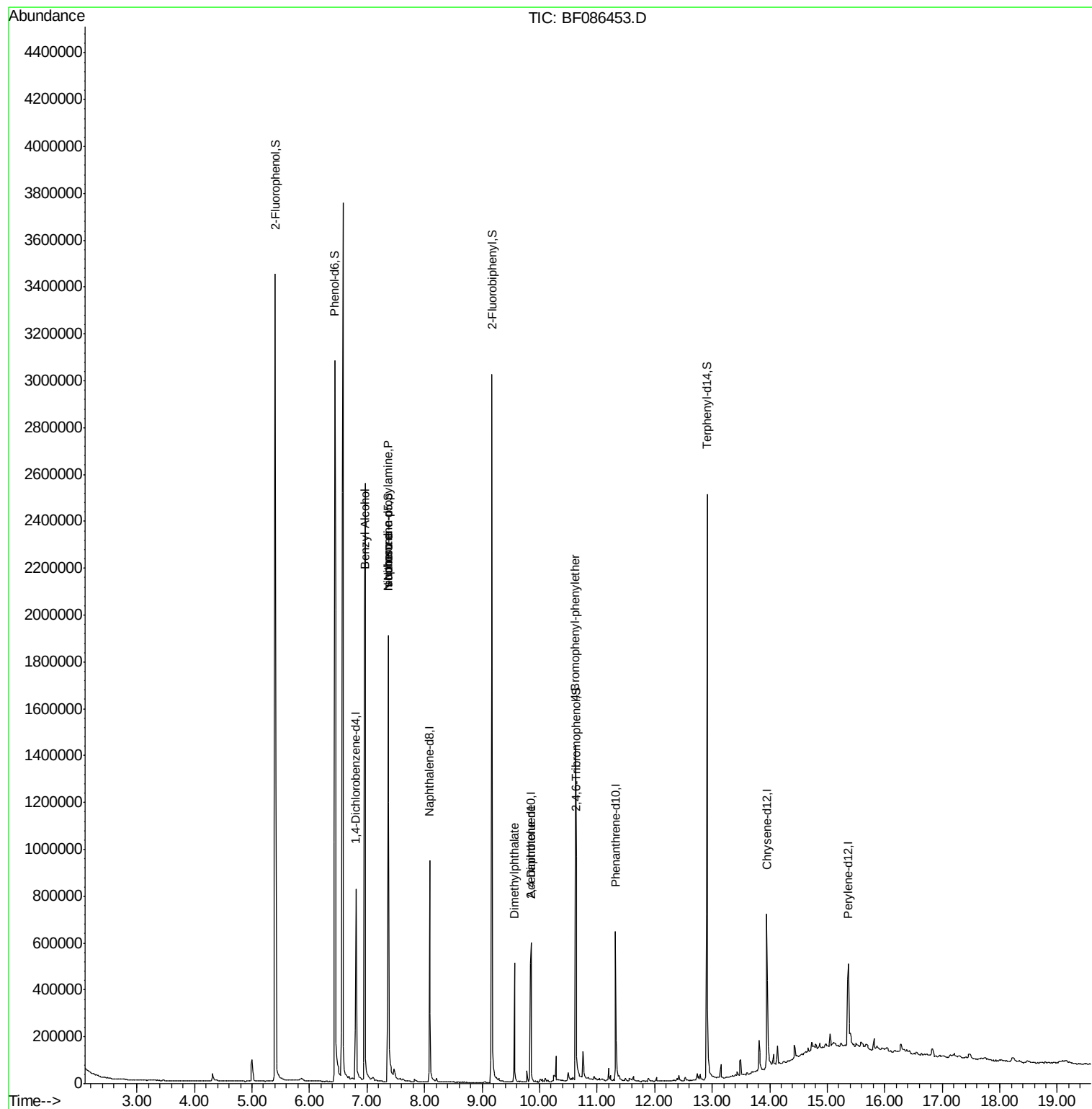
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126663	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	459666	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	162242	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	270700	20.00	ng	0.00
75) Chrysene-d12	13.95	240	302938	20.00	ng	-0.01
86) Perylene-d12	15.37	264	214158	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1099739	149.76	ng	0.01
7) Phenol-d6	6.44	99	1514317	147.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	860371	100.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	224679	131.32	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1202628	150.58	ng	0.00
78) Terphenyl-d14	12.91	244	817295	59.44	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	15929	2.46	ng	# 39
19) n-Nitroso-di-n-propylamine	7.37	70	114255	16.87	ng	# 72
25) Isophorone	7.37	82	756573	46.10	ng	# 68
49) Dimethylphthalate	9.56	163	185318	15.17	ng	99
56) 2,4-Dinitrotoluene	9.85	165	20442	6.36	ng	# 17
66) 4-Bromophenyl-phenylether	10.62	248	12731	4.56	ng	# 1

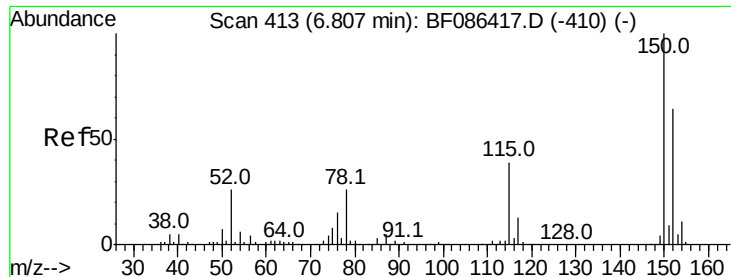
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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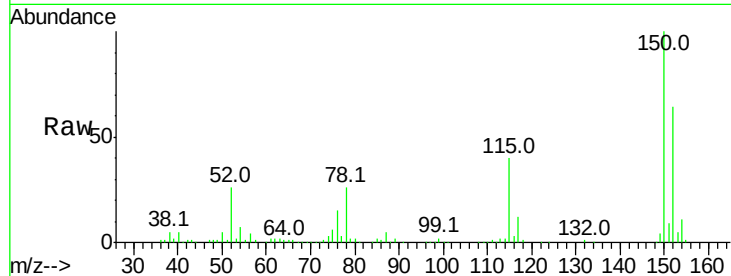


#1

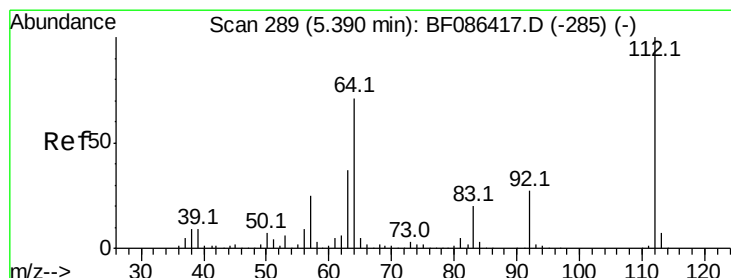
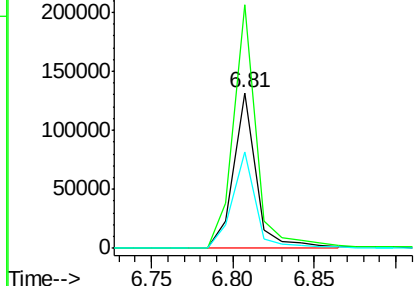
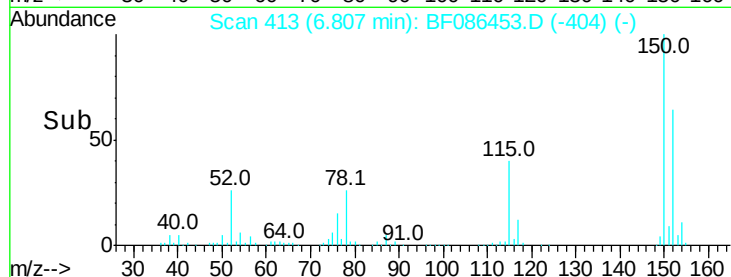
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086453.D
Acq: 28 Apr 2016 5:14

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

Tot Ion:152 Resp: 126663
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 62.0 51.5 77.3



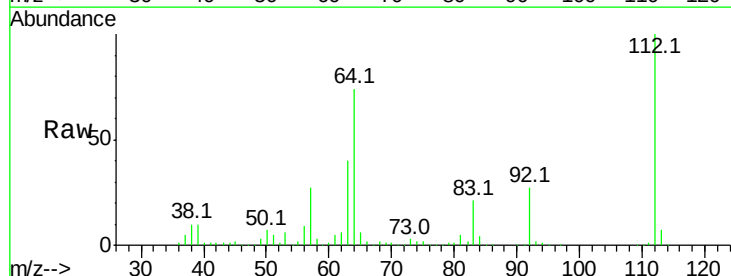
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



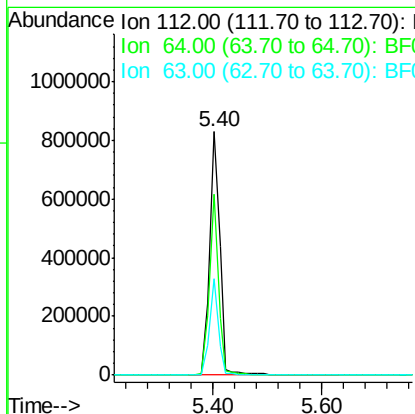
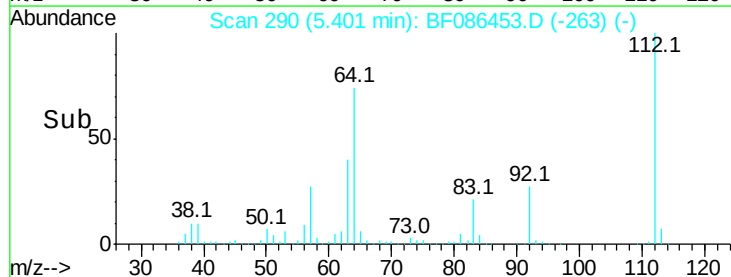
#5

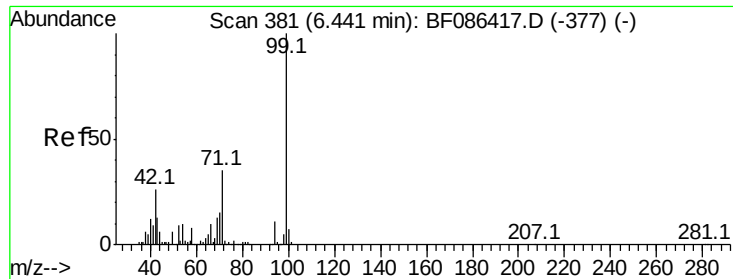
2-Fluorophenol
Concen: 149.76 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF086453.D
Acq: 28 Apr 2016 5:14

Tgt Ion:112 Resp: 1099739
Ion Ratio Lower Upper
112 100
64 74.3 52.1 78.1
63 39.6 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: 147.75 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Instrument :

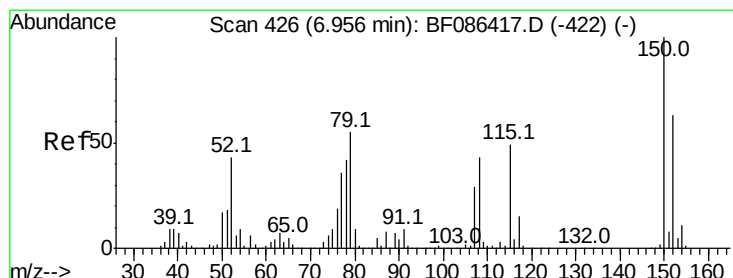
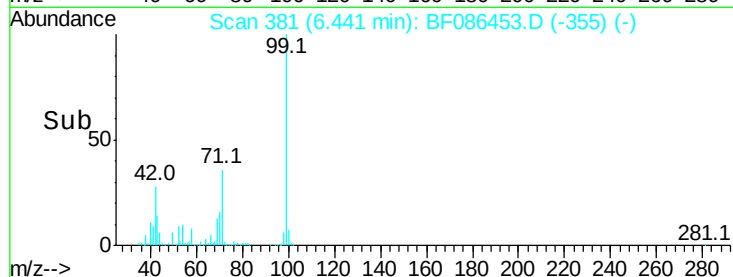
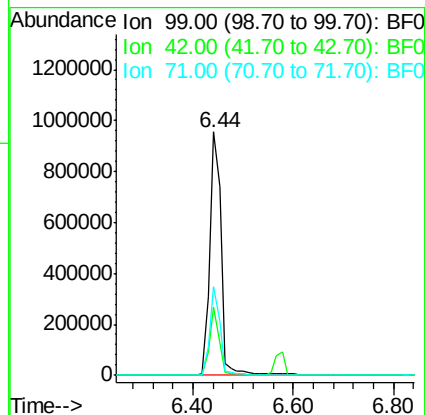
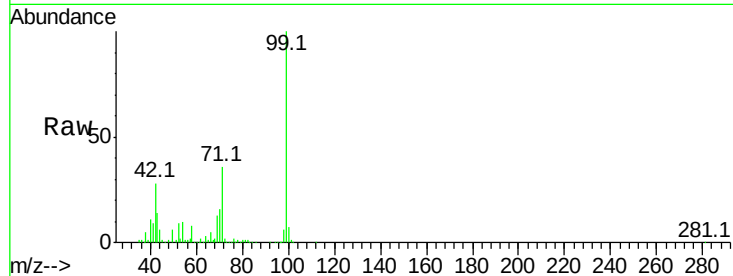
BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB07(0.5-6.0)

Tot Ion: 99 Resp: 1514317

Ion	Ratio	Lower	Upper
99	100		
42	28.0	13.6	20.4#
71	36.2	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.46 ng

RT: 6.96 min Scan# 426

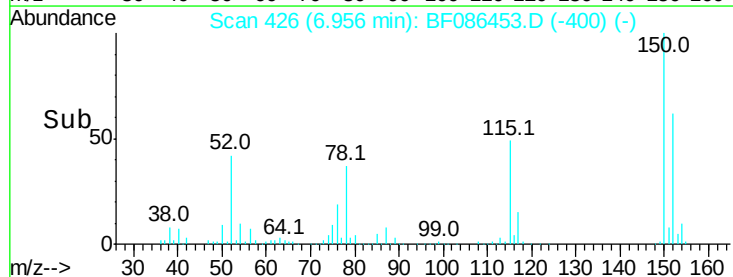
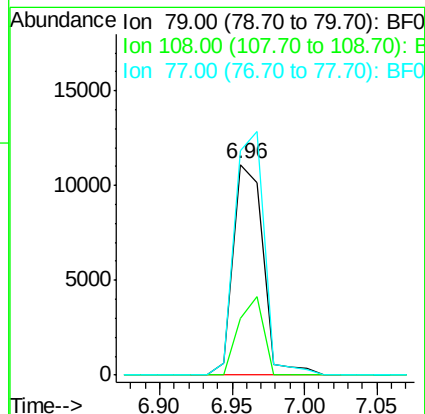
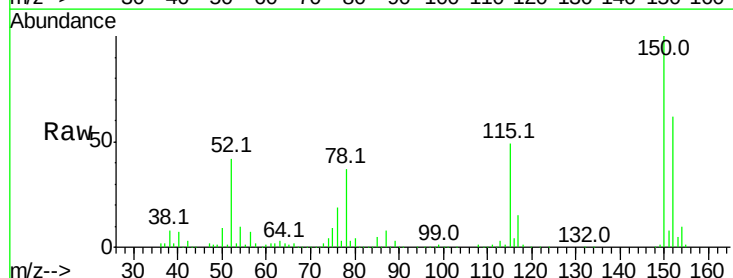
Delta R.T. 0.00 min

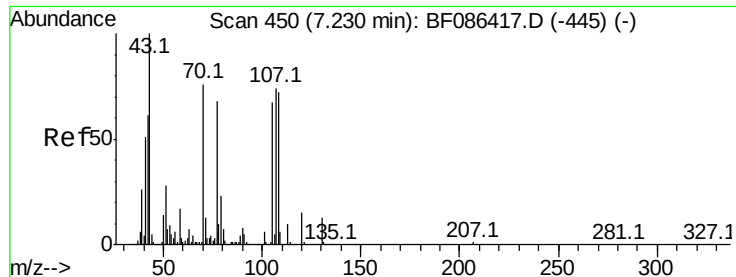
Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Tgt Ion: 79 Resp: 15929

Ion	Ratio	Lower	Upper
79	100		
108	26.8	68.4	102.6#
77	106.6	50.6	76.0#

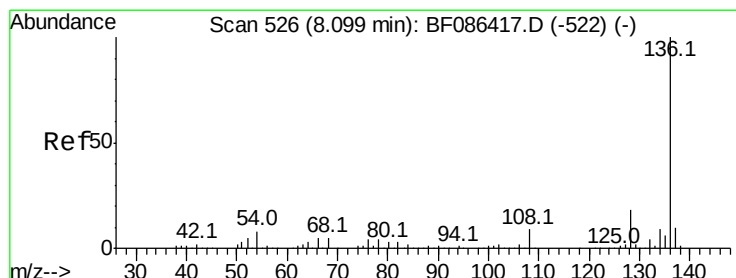
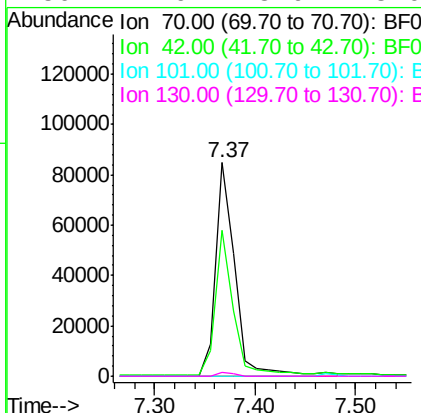
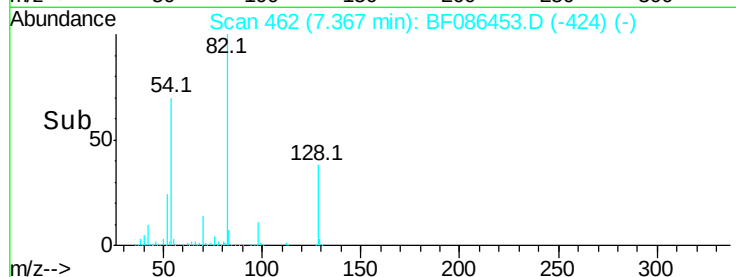
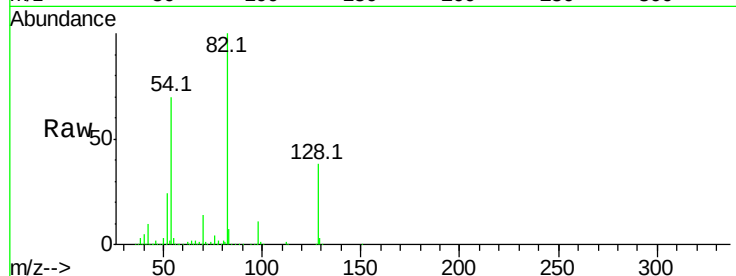




#19
n-Nitroso-di-n-propylamine
Concen: 16.87 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086453.D
Acq: 28 Apr 2016 5:14

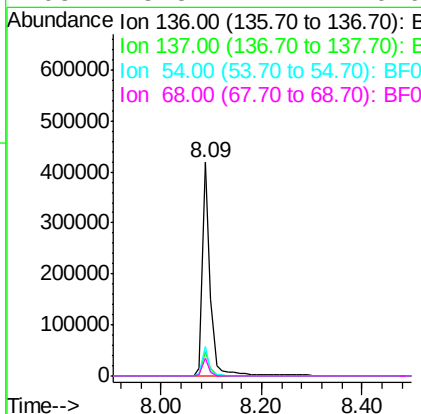
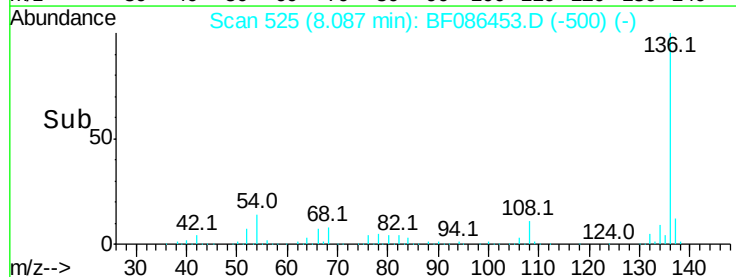
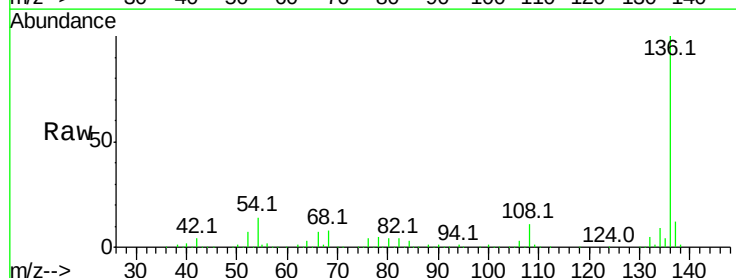
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

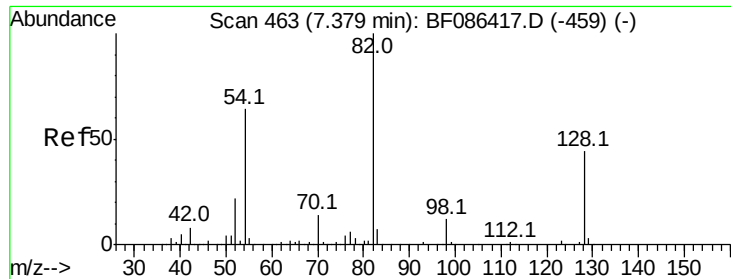
Tot Ion: 70 Resp: 114255
Ion Ratio Lower Upper
70 100
42 68.6 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086453.D
Acq: 28 Apr 2016 5:14

Tgt Ion: 136 Resp: 459666
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 13.7 5.0 7.4#
68 8.3 4.4 6.6#

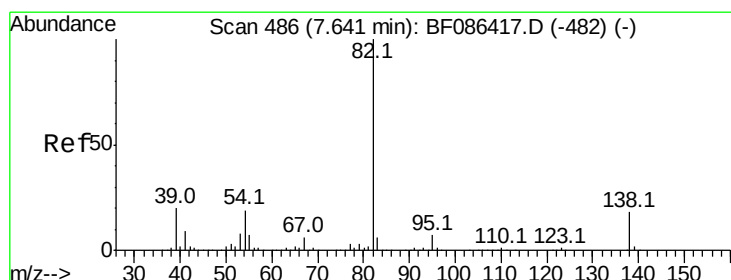
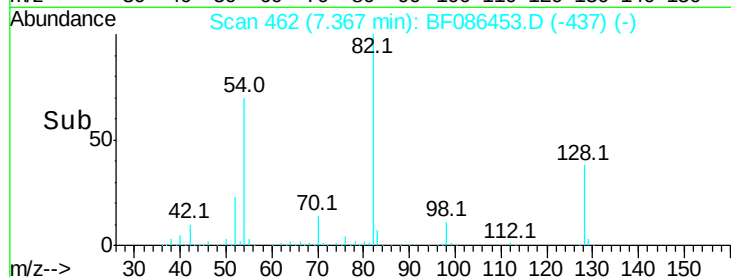
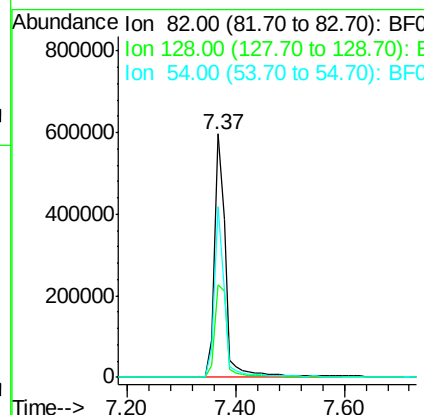
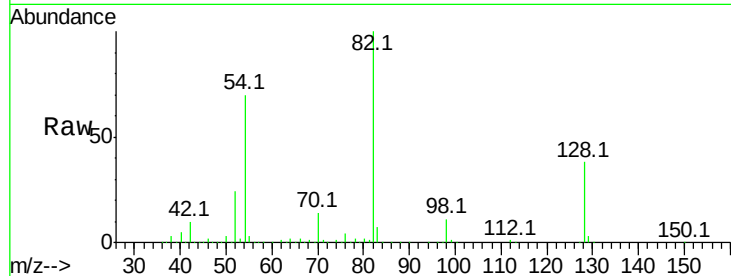




#23
 Nitrobenzene-d5
 Concen: 100.89 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086453.D
 Acq: 28 Apr 2016 5:14

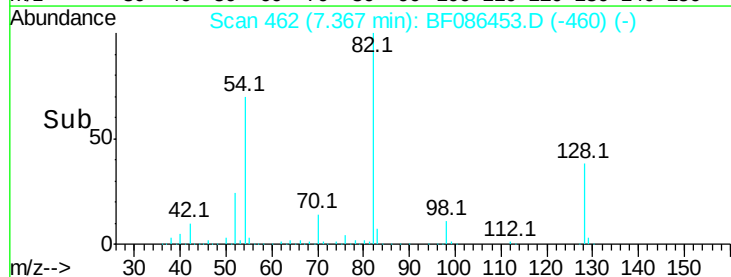
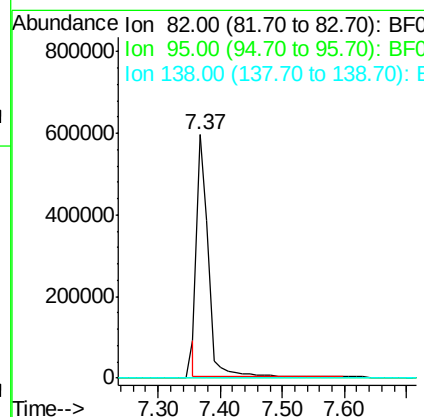
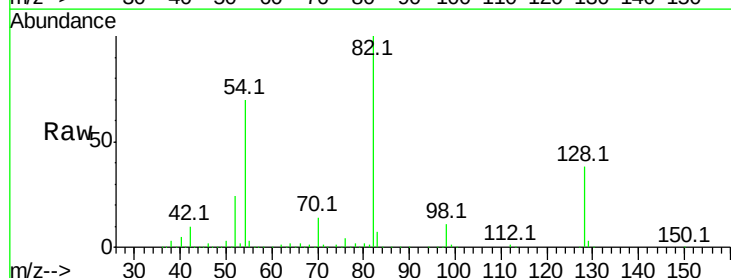
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB07(0.5-6.0)

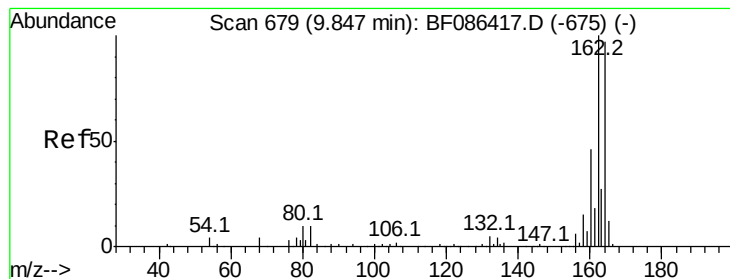
Tot Ion	82	Resp	860371
Ion Ratio	100		
Lower	40.6		
Upper	61.0#		
54	70.3		57.1#



#25
 Isophorone
 Concen: 46.10 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.27 min
 Lab File: BF086453.D
 Acq: 28 Apr 2016 5:14

Tgt Ion	82	Resp	756573
Ion Ratio	100		
Lower	5.1		
Upper	7.7#		
95	0.0		12.4
138	0.0		18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB07(0.5-6.0)

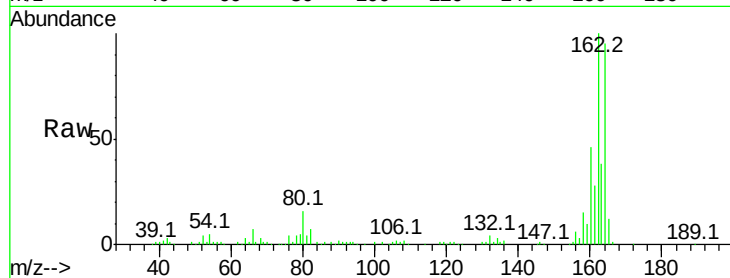
Tot Ion:164 Resp: 162242

Ion Ratio Lower Upper

164 100

162 105.5 82.8 124.2

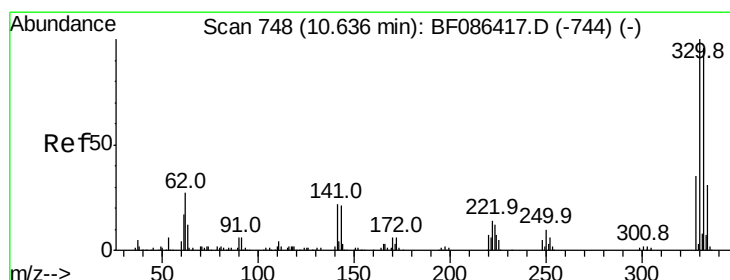
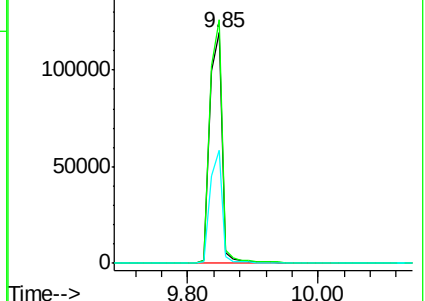
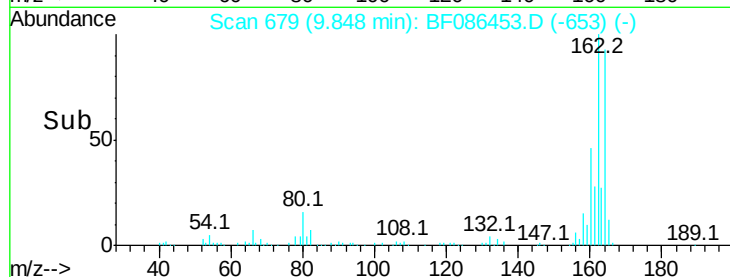
160 49.0 36.9 55.3



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: 131.32 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

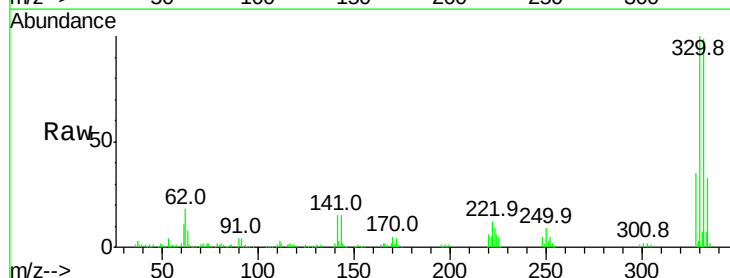
Tgt Ion:330 Resp: 224679

Ion Ratio Lower Upper

330 100

332 99.7 79.0 118.4

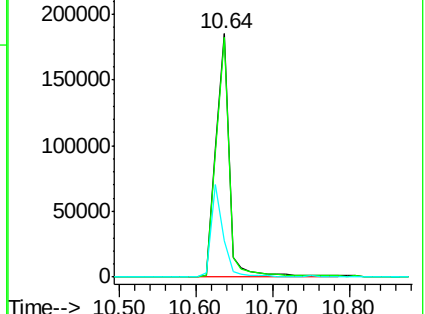
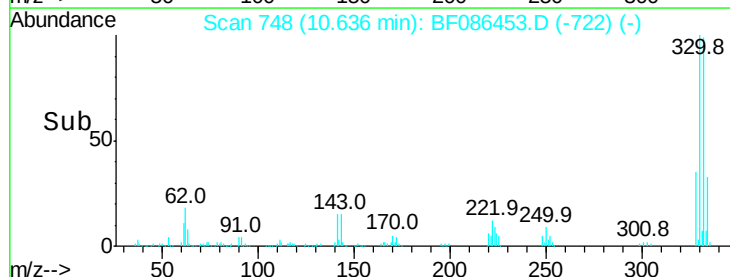
141 34.5 31.2 46.8

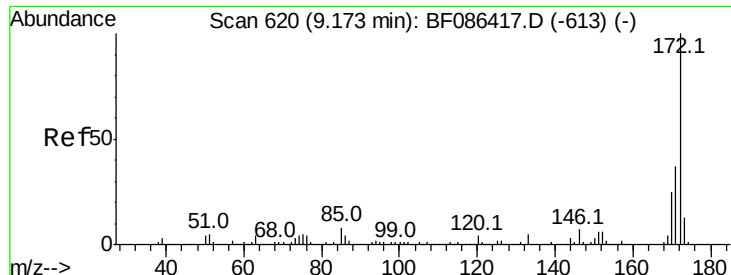


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

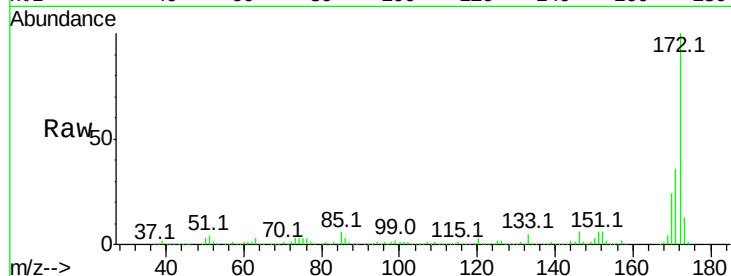




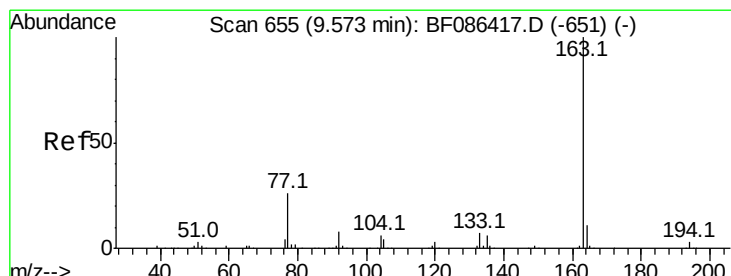
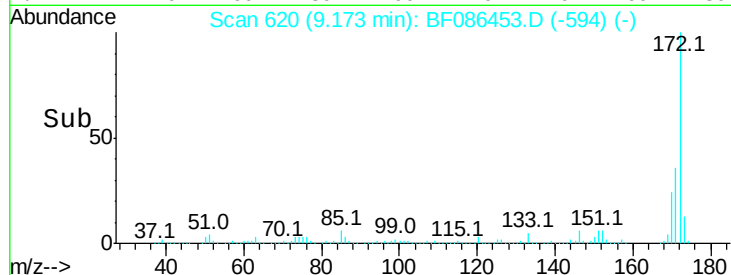
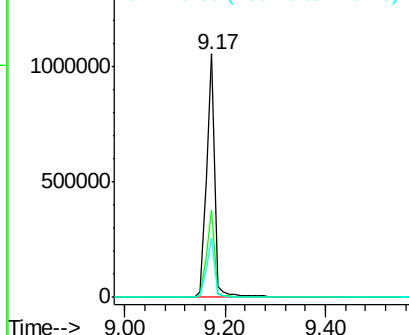
#44
2-Fluorobiphenyl
Concen: 150.58 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF086453.D
Acq: 28 Apr 2016 5:14

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB07(0.5-6.0)

Tot Ion:172 Resp: 1202628
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.4 19.8 29.8

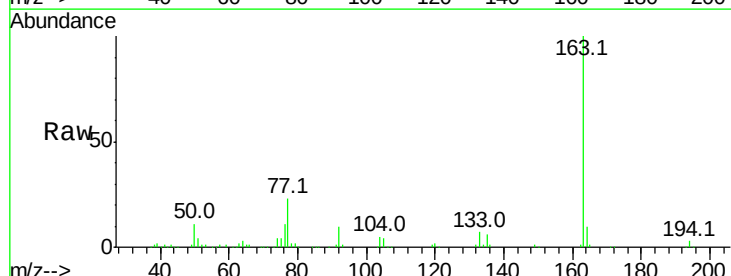


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

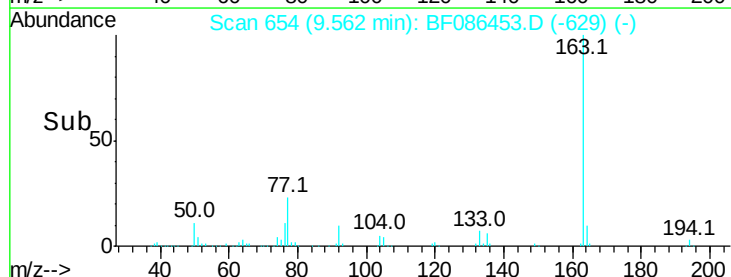
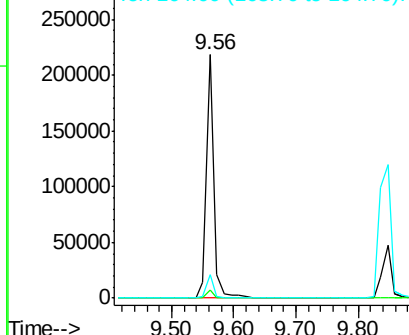


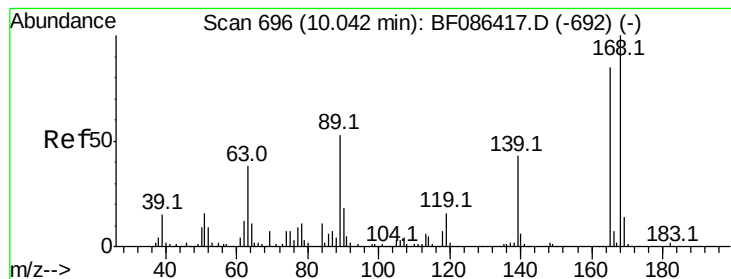
#49
Dimethylphthalate
Concen: 15.17 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086453.D
Acq: 28 Apr 2016 5:14

Tgt Ion:163 Resp: 185318
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 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: 6.36 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.19 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB07(0.5-6.0)

Tot Ion:165 Resp: 20442

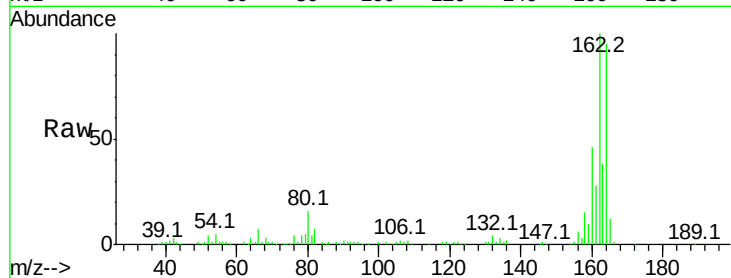
Ion Ratio Lower Upper

165 100

63 2.5 44.3 66.5#

89 2.2 70.0 105.0#

182 0.0 1.8 2.6#

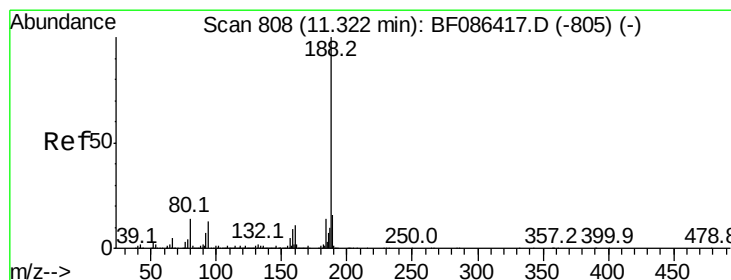
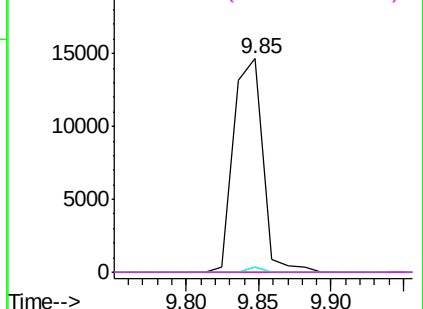
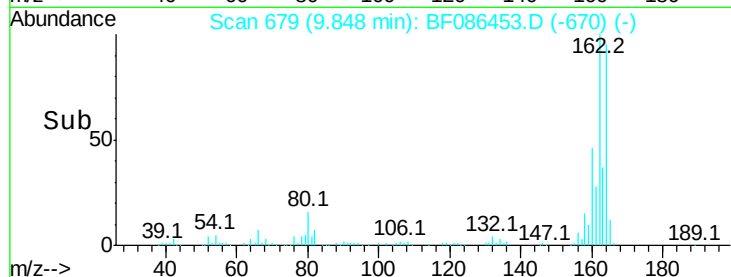


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF086453.D

Acq: 28 Apr 2016 5:14

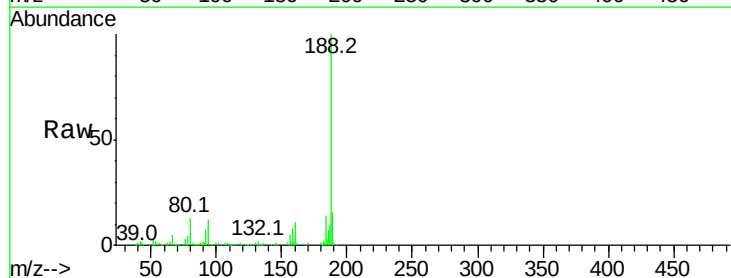
Tgt Ion:188 Resp: 270700

Ion Ratio Lower Upper

188 100

94 12.2 6.8 10.2#

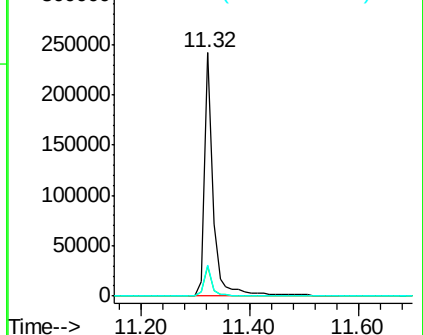
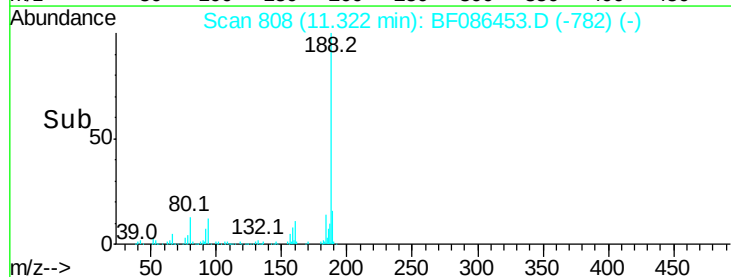
80 12.8 7.1 10.7#

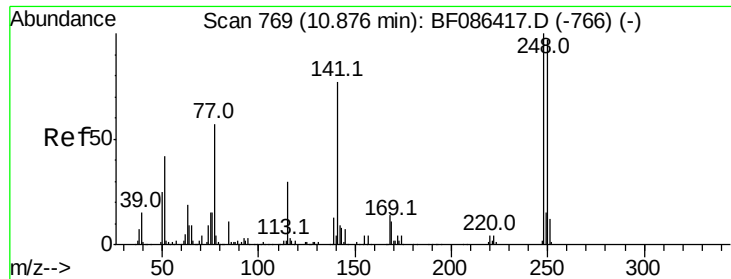


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

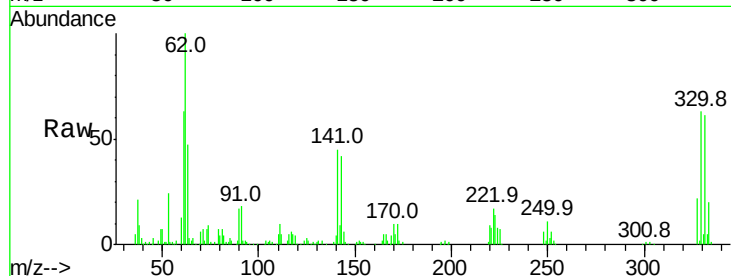




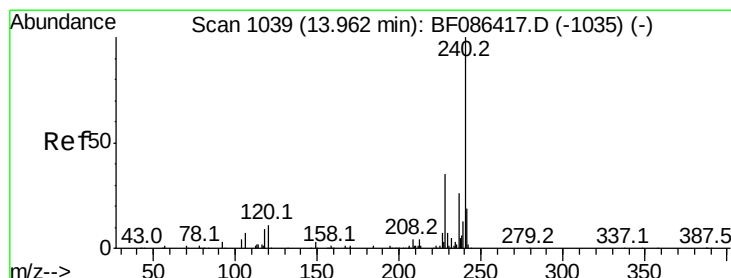
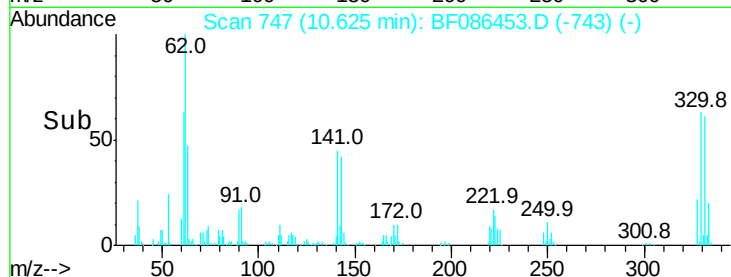
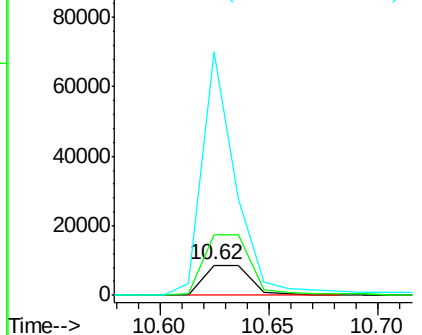
#66
 4-Bromophenyl-phenylether
 Concen: 4.56 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.25 min
 Lab File: BF086453.D
 Acq: 28 Apr 2016 5:14

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB07(0.5-6.0)

Tot Ion:248 Resp: 12731
 Ion Ratio Lower Upper
 248 100
 250 199.6 78.6 117.8#
 141 805.6 76.0 114.0#

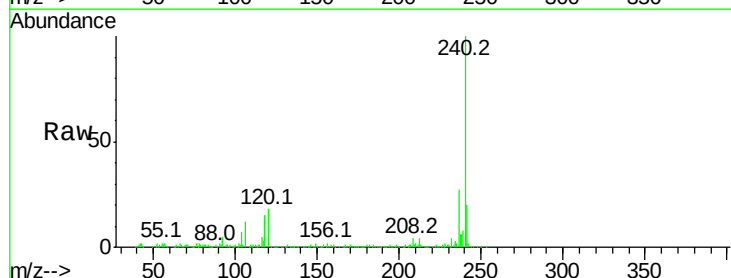


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

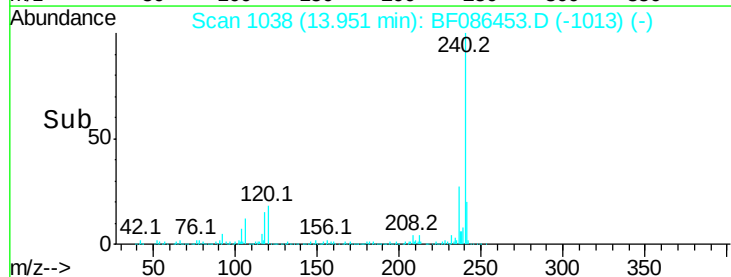
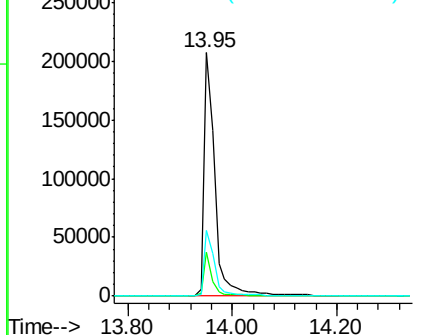


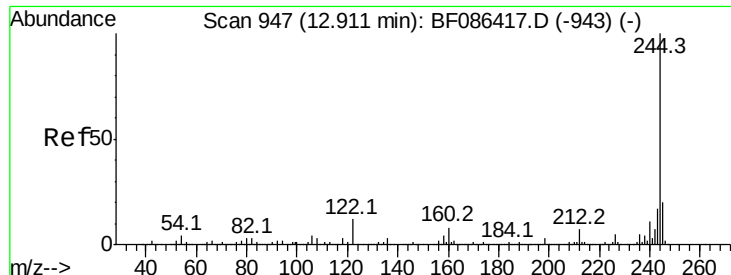
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086453.D
 Acq: 28 Apr 2016 5:14

Tgt Ion:240 Resp: 302938
 Ion Ratio Lower Upper
 240 100
 120 17.9 11.2 16.8#
 236 26.8 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: 59.44 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB07(0.5-6.0)

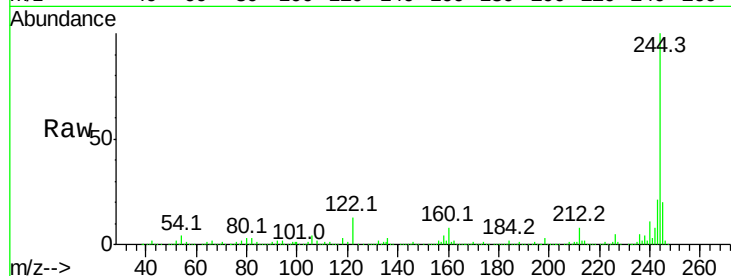
Tot Ion:244 Resp: 817295

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

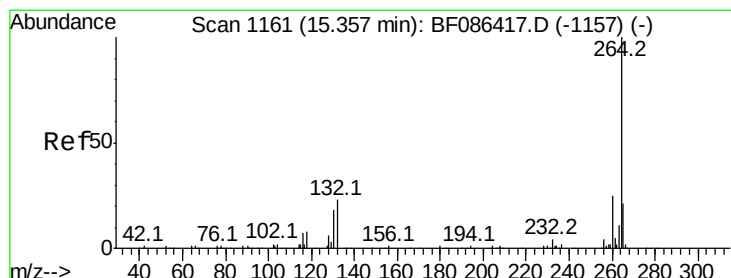
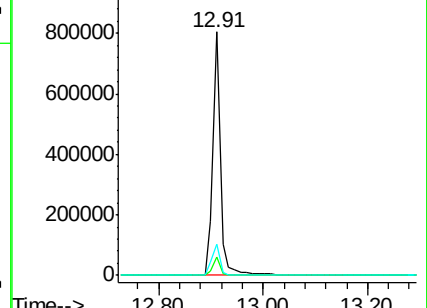
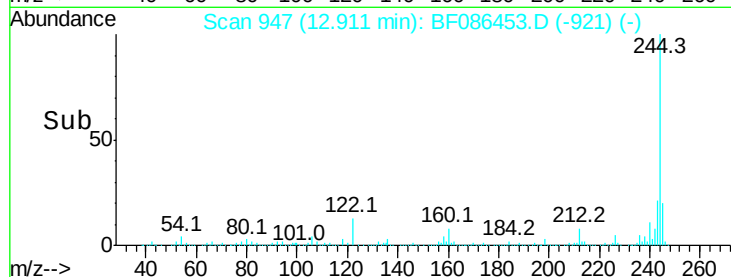
122 13.0 12.0 18.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF086453.D

Acq: 28 Apr 2016 5:14

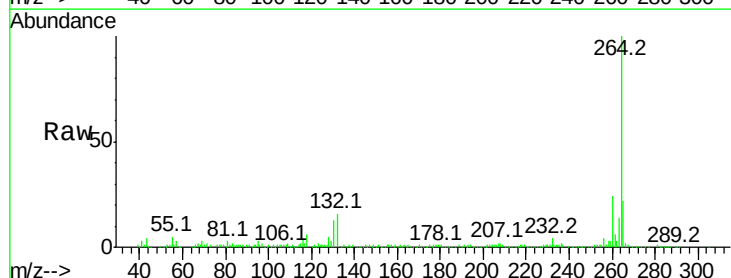
Tgt Ion:264 Resp: 214158

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.6 17.3 25.9



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

