

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086455.D
 Acq On : 28 Apr 2016 6:12
 Operator : UM/SJ
 Sample : H2707-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)

Quant Time: Apr 28 07:56:06 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

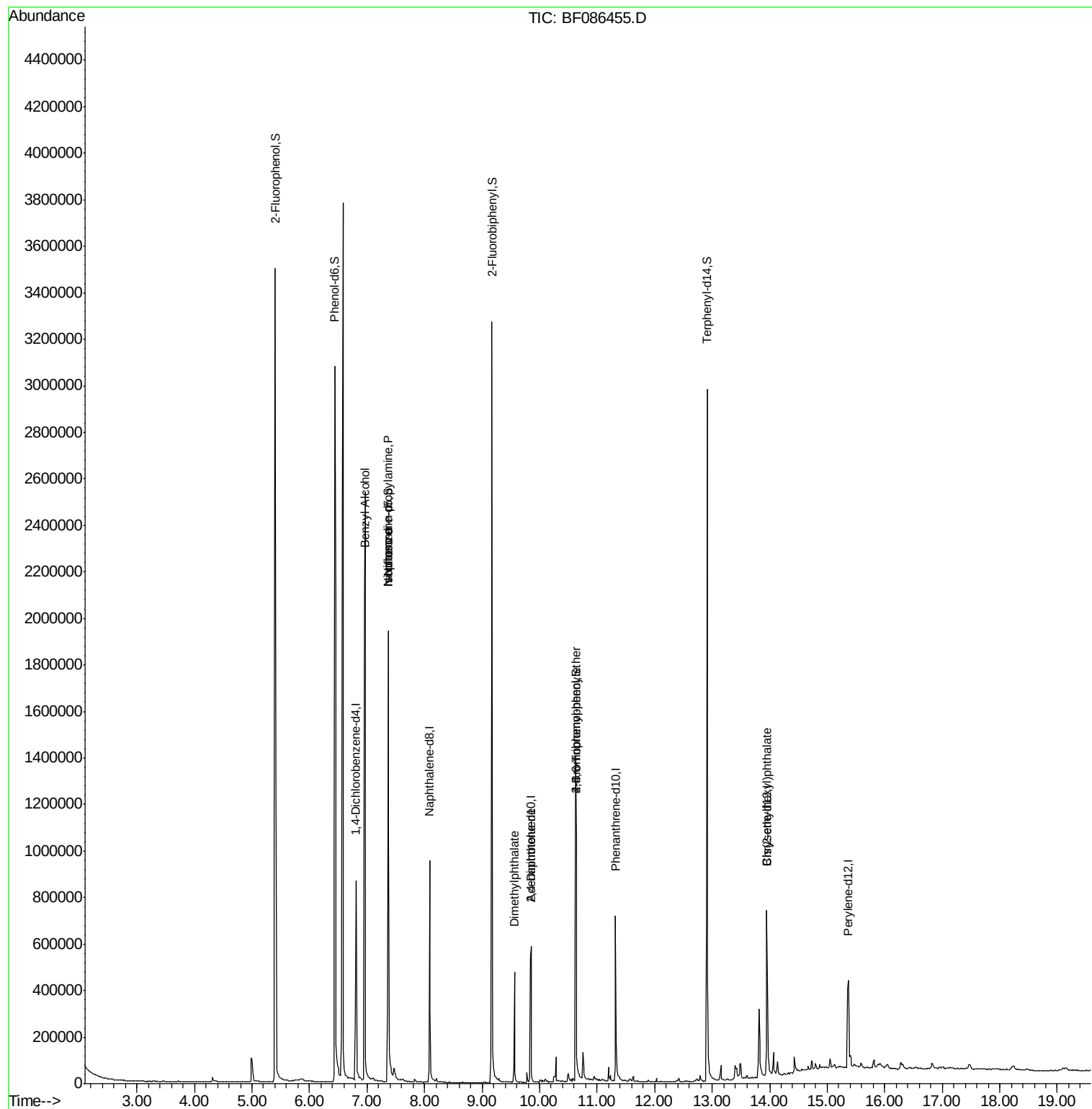
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133247	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	469218	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	167946	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	295069	20.00	ng	0.00
75) Chrysene-d12	13.95	240	317554	20.00	ng	-0.01
86) Perylene-d12	15.37	264	229010	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1088627	140.92	ng	0.01
7) Phenol-d6	6.44	99	1496299	138.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	851746	97.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	242726	137.05	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1262262	153.72	ng	0.00
78) Terphenyl-d14	12.91	244	950429	65.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	16871	2.47	ng	# 43
19) n-Nitroso-di-n-propylamine	7.37	70	113595	15.94	ng	# 73
25) Isophorone	7.37	82	744495	44.44	ng	# 68
49) Dimethylphthalate	9.56	163	179380	14.19	ng	100
56) 2,4-Dinitrotoluene	9.85	165	21130	6.35	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	12969	4.27	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.95	149	29745	2.42	ng	# 98

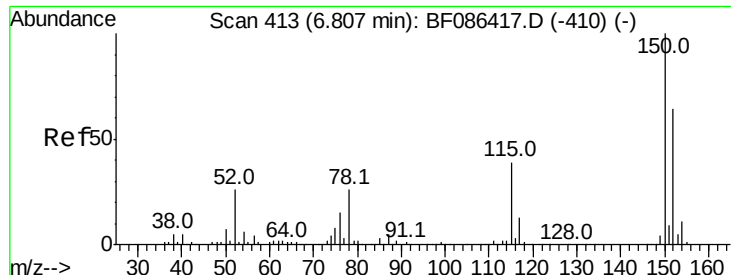
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BF086455.D

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Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)

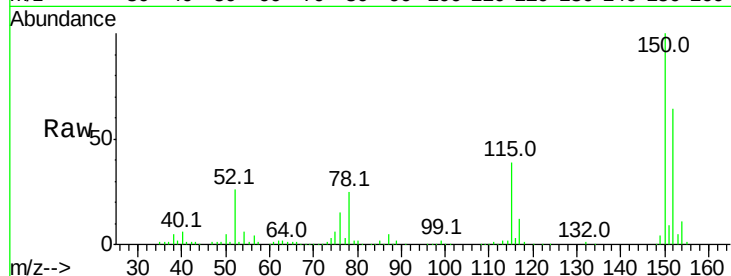
Tot Ion:152 Resp: 133247

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.6

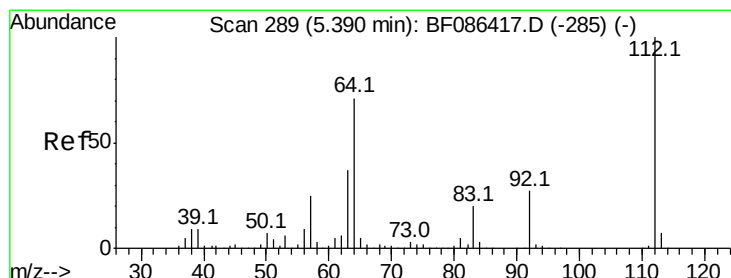
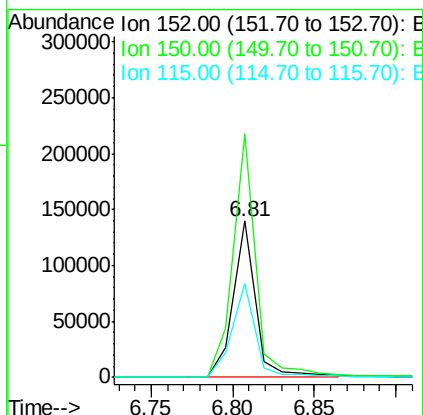
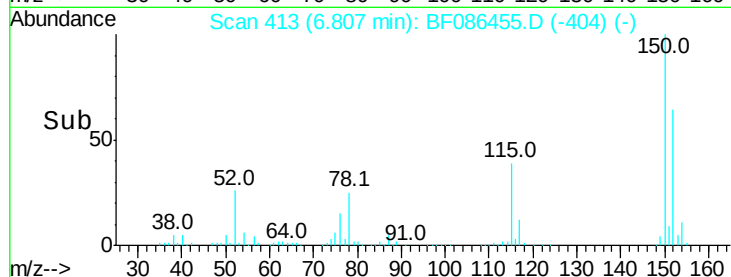
115 60.1 51.5 77.3



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: 140.92 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

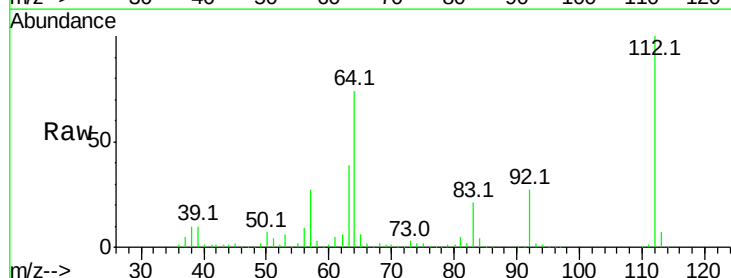
Tgt Ion:112 Resp: 1088627

Ion Ratio Lower Upper

112 100

64 74.3 52.1 78.1

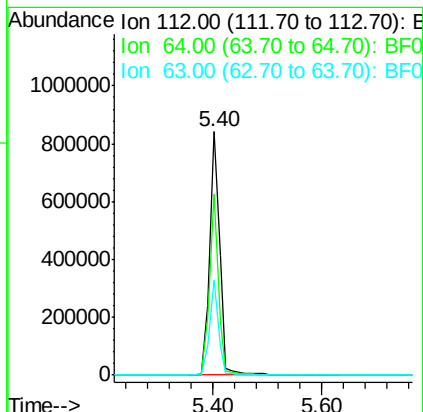
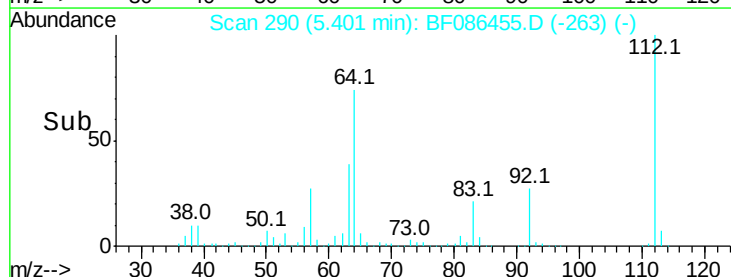
63 39.1 25.7 38.5

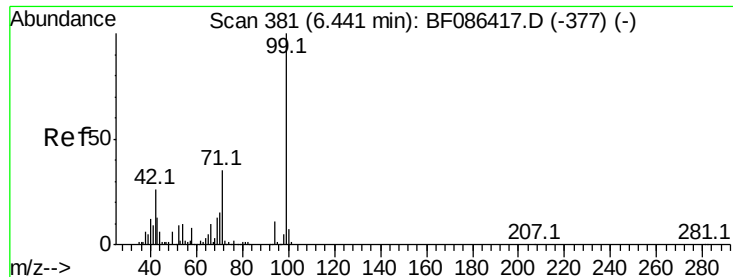


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.78 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

Instrument :

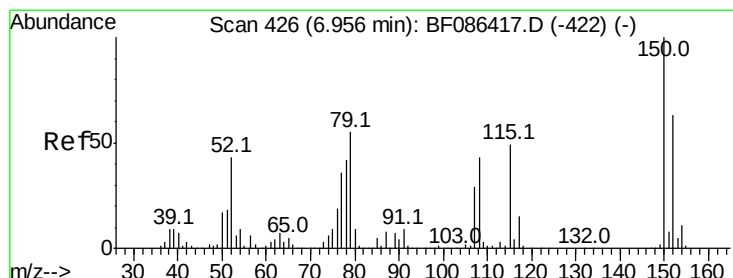
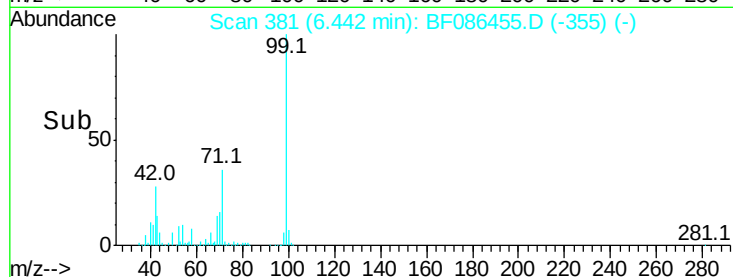
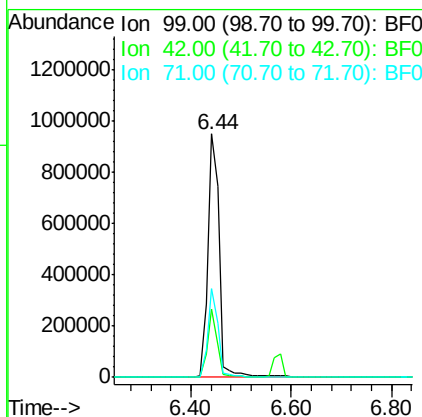
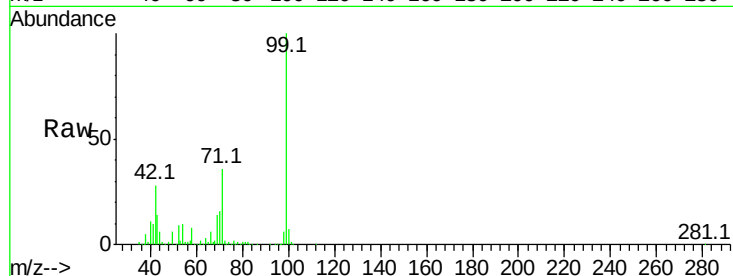
BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)

Tot Ion: 99 Resp: 1496299

Ion	Ratio	Lower	Upper
99	100		
42	28.3	13.6	20.4#
71	36.5	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 6.96 min Scan# 426

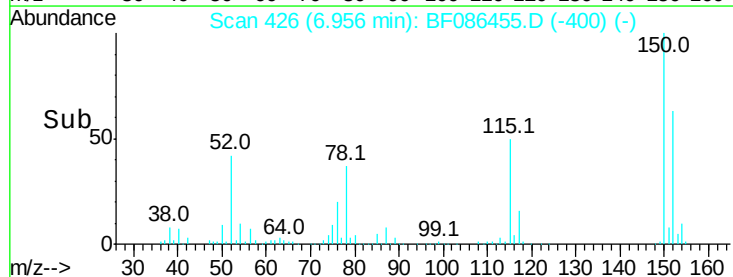
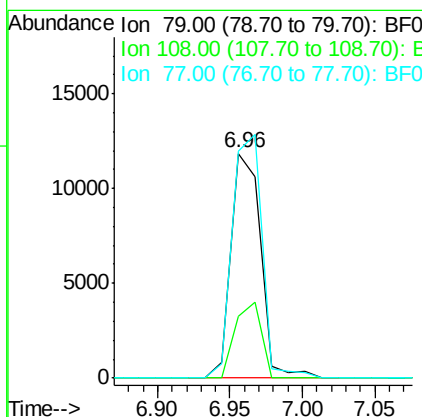
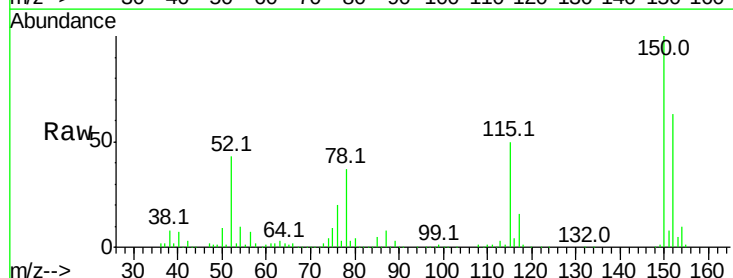
Delta R.T. 0.00 min

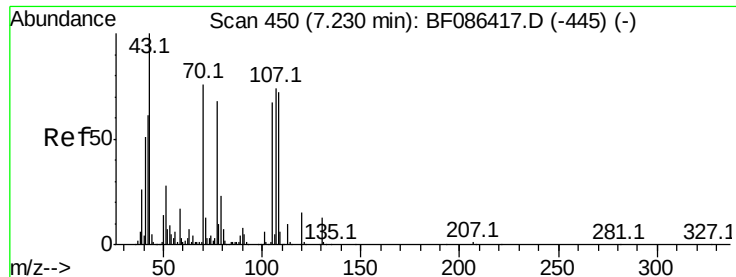
Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

Tgt Ion: 79 Resp: 16871

Ion	Ratio	Lower	Upper
79	100		
108	27.8	68.4	102.6#
77	101.1	50.6	76.0#

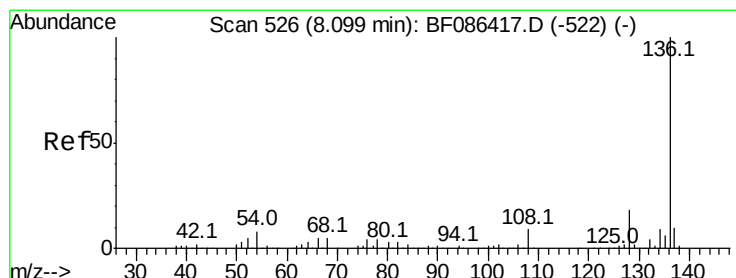
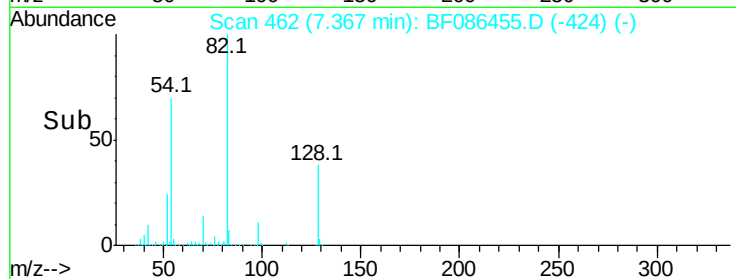
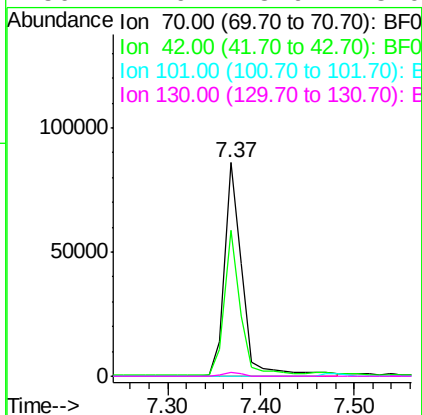
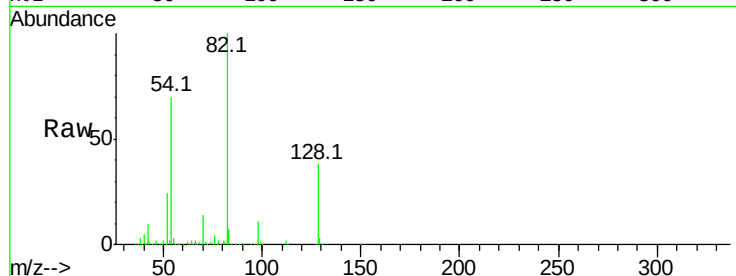




#19
n-Nitroso-di-n-propylamine
Concen: 15.94 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086455.D
Acq: 28 Apr 2016 6:12

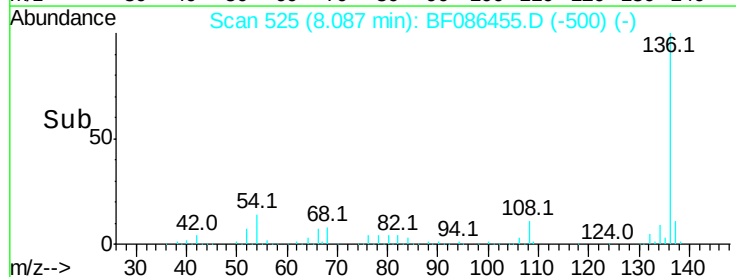
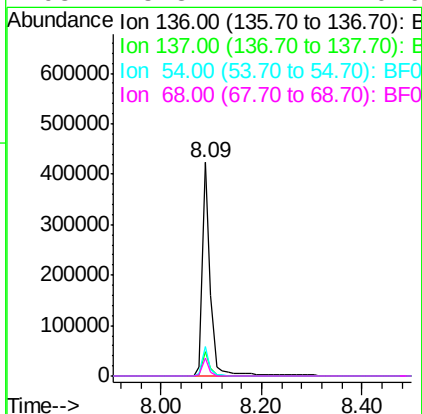
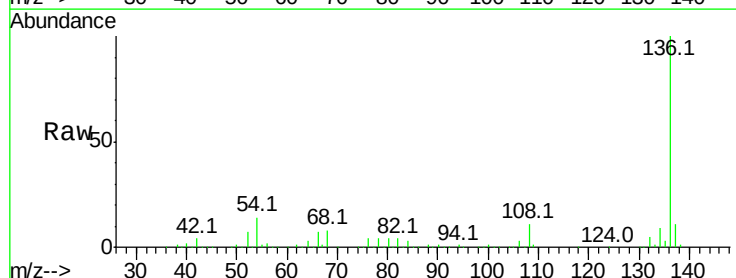
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)

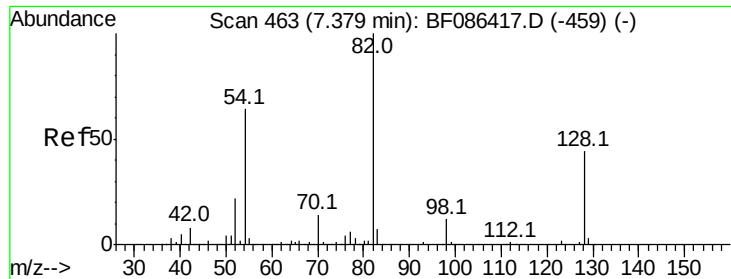
Tot Ion: 70 Resp: 113595
Ion Ratio Lower Upper
70 100
42 68.3 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086455.D
Acq: 28 Apr 2016 6:12

Tgt Ion: 136 Resp: 469218
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 13.8 5.0 7.4#
68 8.3 4.4 6.6#

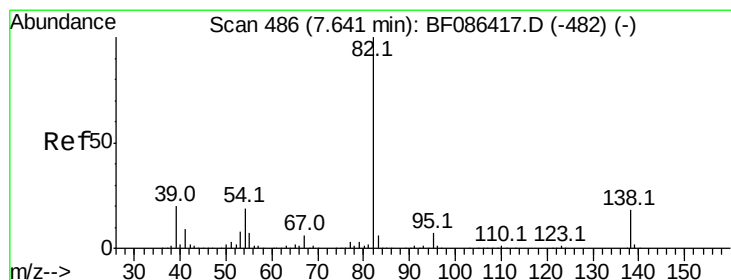
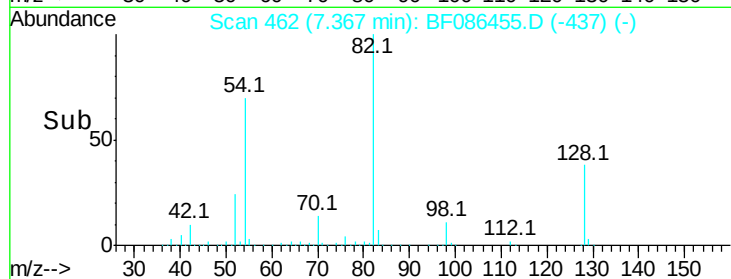
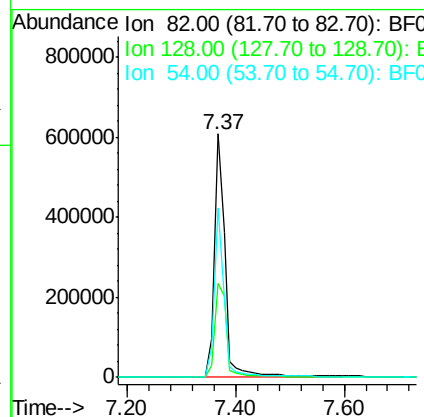
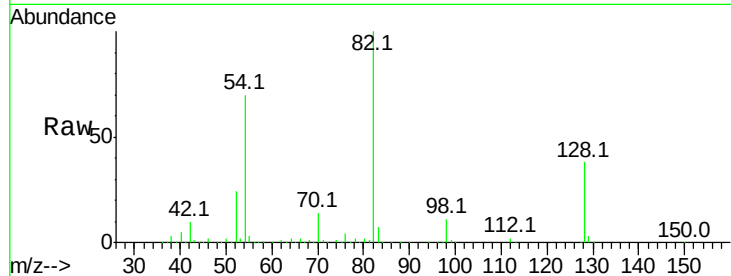




#23
Nitrobenzene-d5
Concen: 97.84 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086455.D
Acq: 28 Apr 2016 6:12

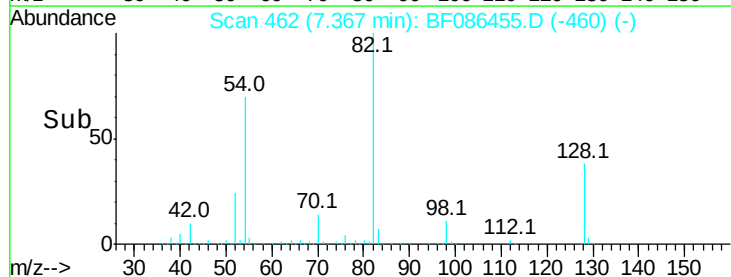
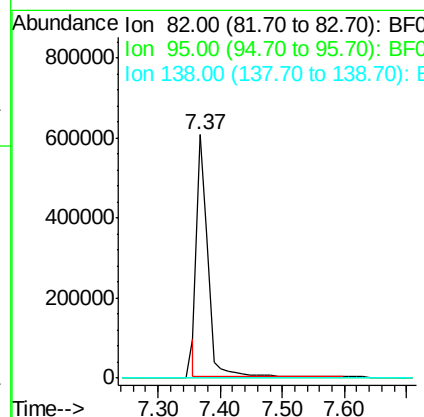
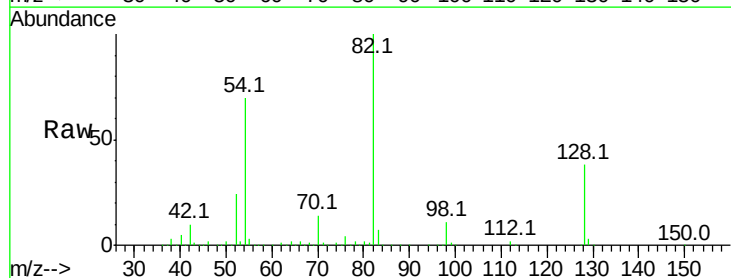
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)

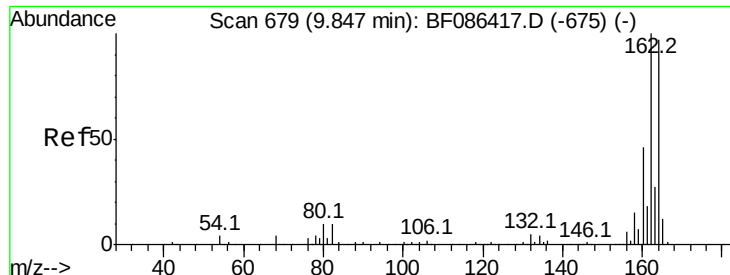
Tot Ion	82	Resp	851746
Ion Ratio	100		
Lower		40.6	
Upper		61.0	
82	100		
128	38.4		
54	69.7		



#25
Isophorone
Concen: 44.44 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.27 min
Lab File: BF086455.D
Acq: 28 Apr 2016 6:12

Tgt Ion	82	Resp	744495
Ion Ratio	100		
Lower		5.1	
Upper		18.6	
82	100		
95	0.0		
138	0.0		

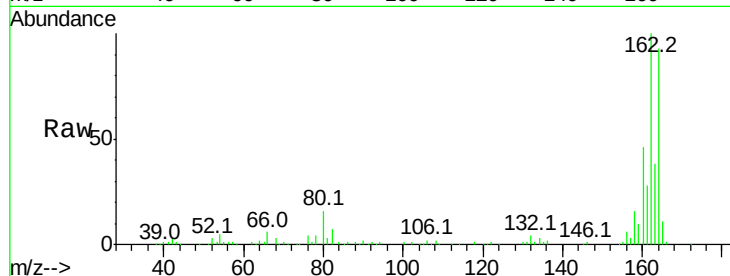




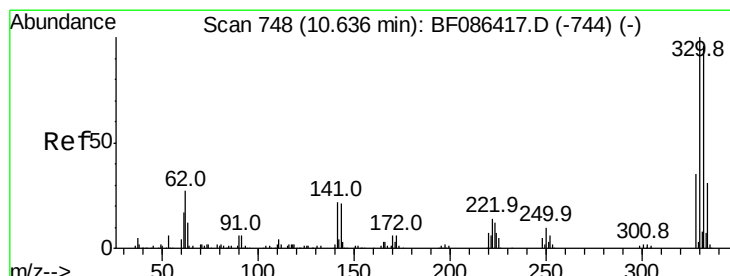
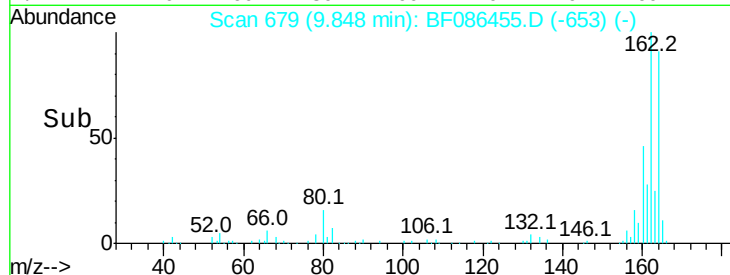
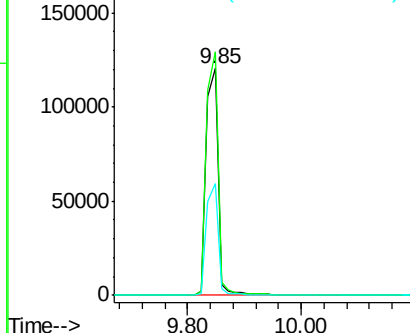
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086455.D
Acq: 28 Apr 2016 6:12

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)

Tot Ion:164 Resp: 167946
Ion Ratio Lower Upper
164 100
162 107.5 82.8 124.2
160 49.1 36.9 55.3

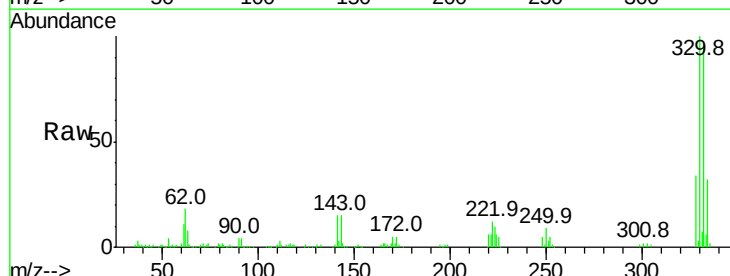


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

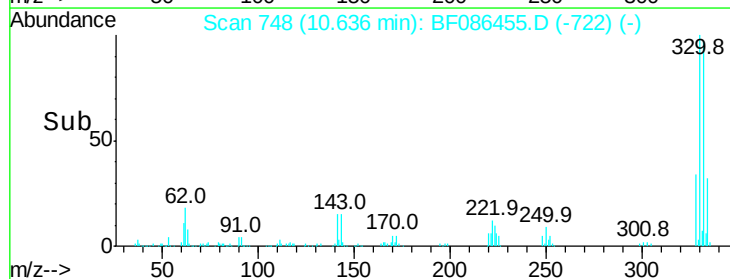
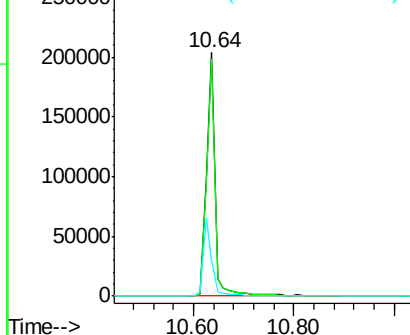


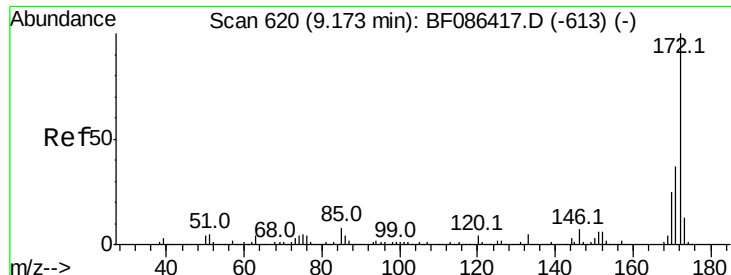
#41
2,4,6-Tribromophenol
Concen: 137.05 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF086455.D
Acq: 28 Apr 2016 6:12

Tgt Ion:330 Resp: 242726
Ion Ratio Lower Upper
330 100
332 96.5 79.0 118.4
141 33.2 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



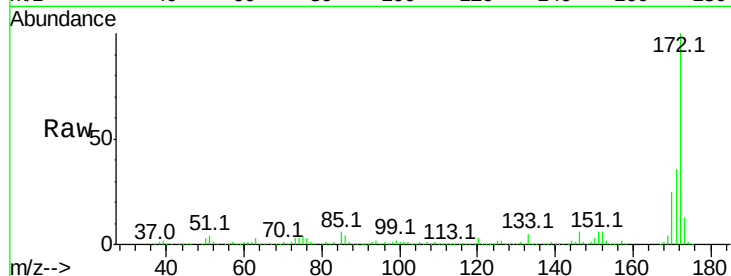


#44
 2-Fluorobiphenyl
 Concen: 153.72 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086455.D
 Acq: 28 Apr 2016 6:12

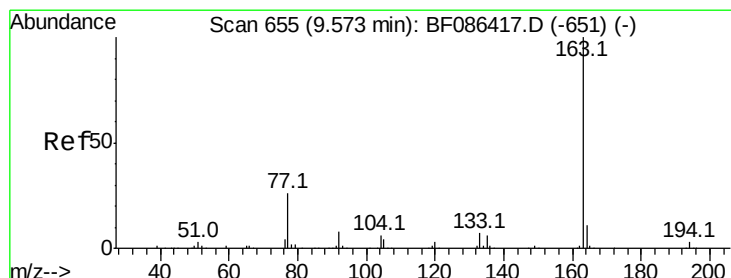
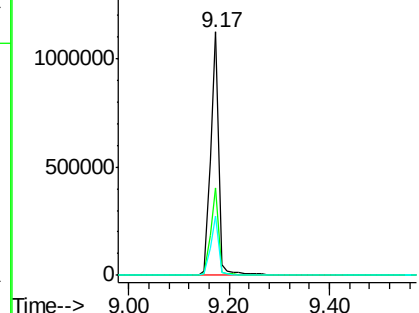
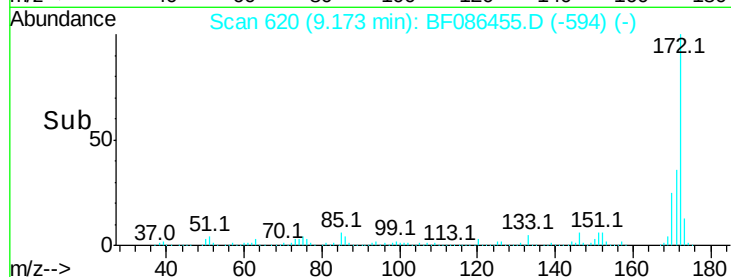
Instrument :
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Tot Ion:172 Resp: 1262262

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.5	19.8	29.8



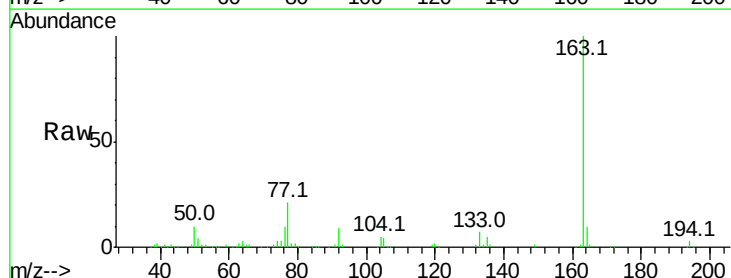
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



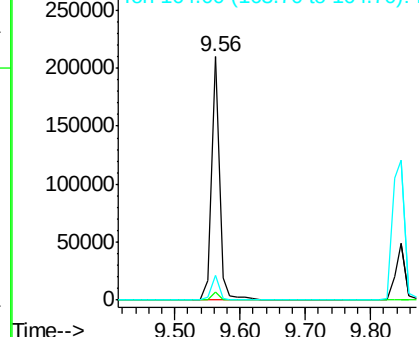
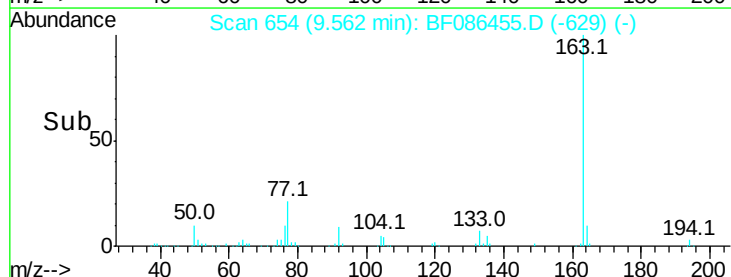
#49
 Dimethylphthalate
 Concen: 14.19 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086455.D
 Acq: 28 Apr 2016 6:12

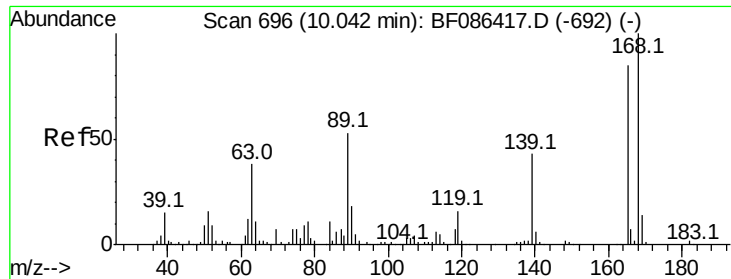
Tgt Ion:163 Resp: 179380

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	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

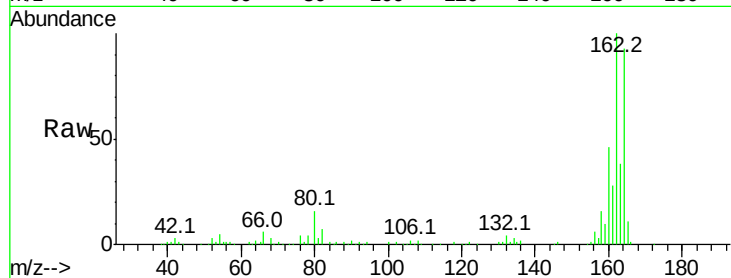




#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.19 min
 Lab File: BF086455.D
 Acq: 28 Apr 2016 6:12

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	2.3	70.0	105.0#
182	0.0	1.8	2.6#

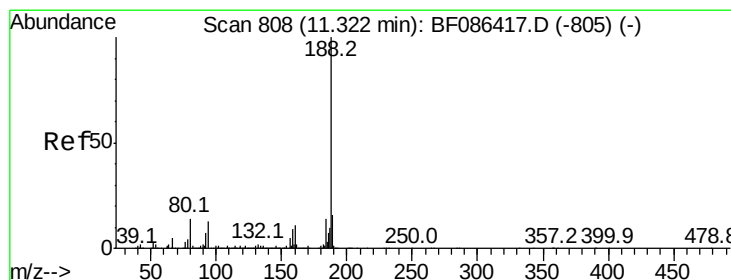
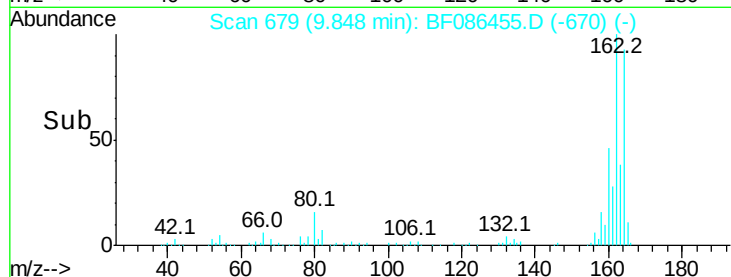
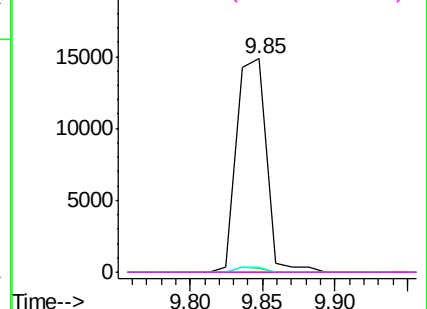


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

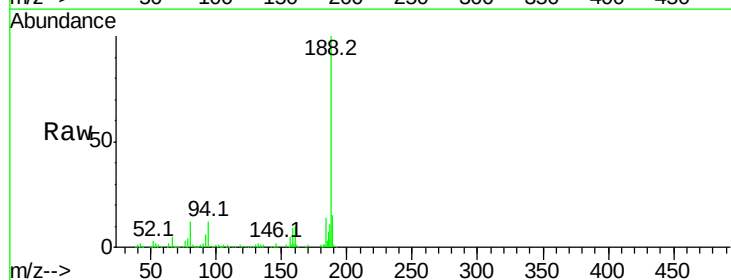
Ion 89.00 (88.70 to 89.70): BF0

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: BF086455.D
 Acq: 28 Apr 2016 6:12

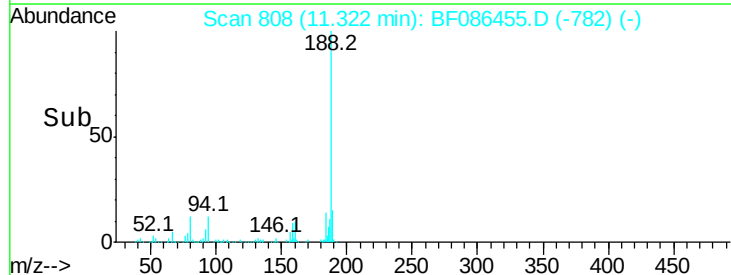
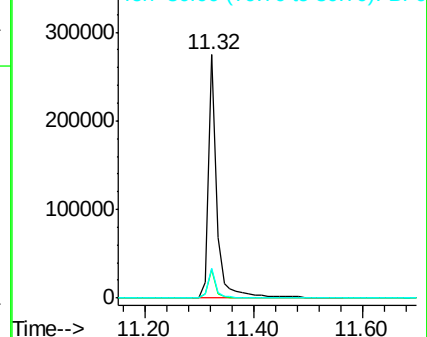
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	6.8	10.2#
80	12.5	7.1	10.7#

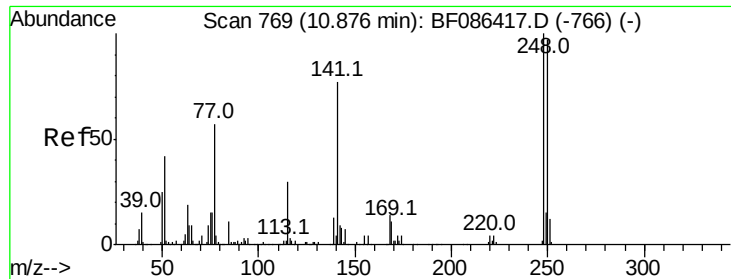


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.27 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.24 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)

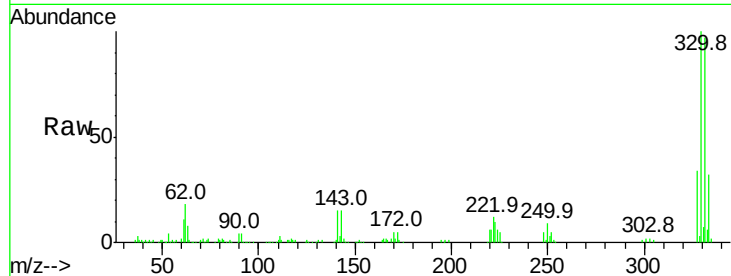
Tot Ion:248 Resp: 12969

Ion Ratio Lower Upper

248 100

250 198.5 78.6 117.8#

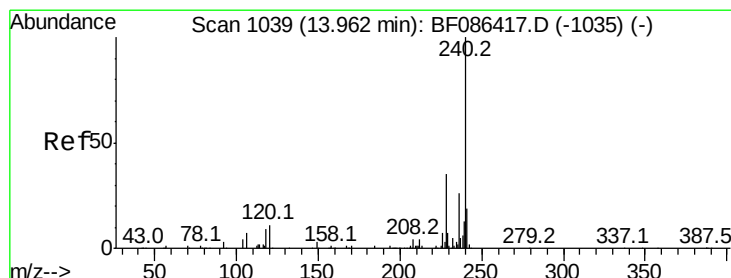
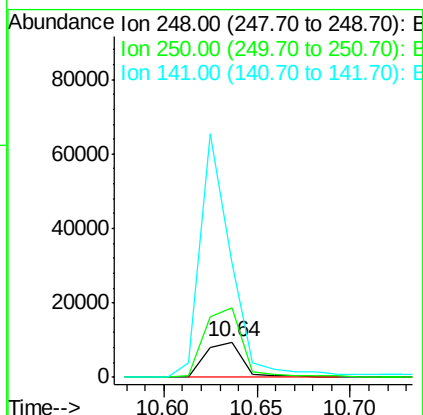
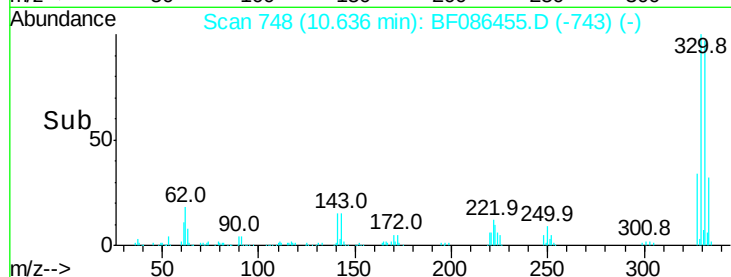
141 323.4 76.0 114.0#



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: BF086455.D

Acq: 28 Apr 2016 6:12

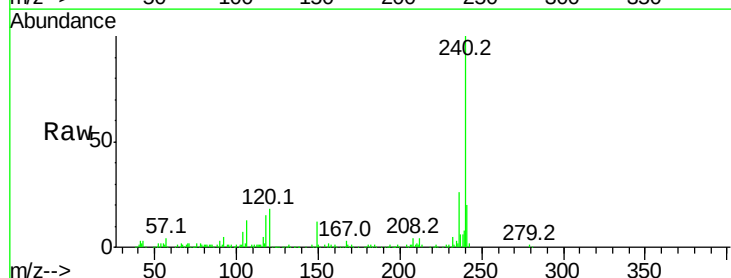
Tgt Ion:240 Resp: 317554

Ion Ratio Lower Upper

240 100

120 18.2 11.2 16.8#

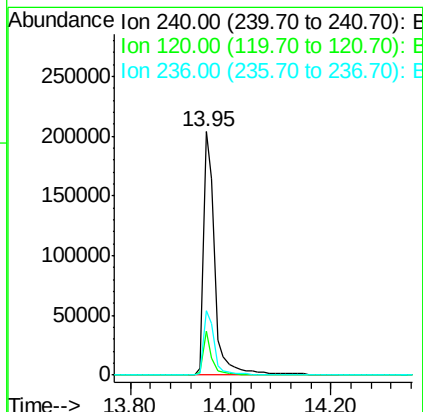
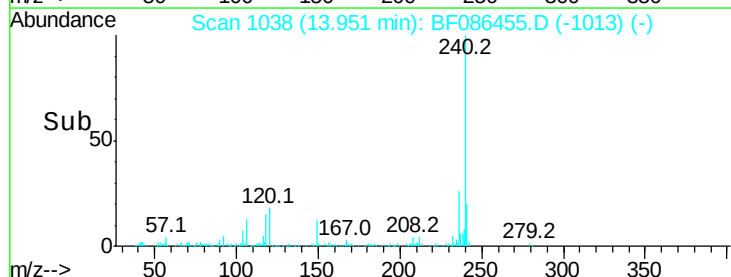
236 26.2 21.2 31.8

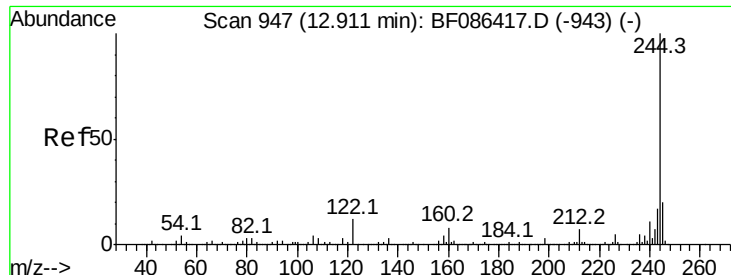


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.94 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)

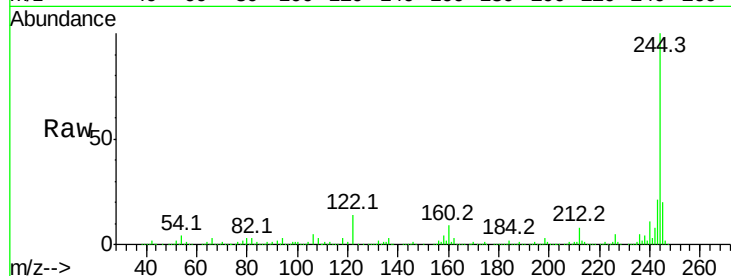
Tot Ion:244 Resp: 950429

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

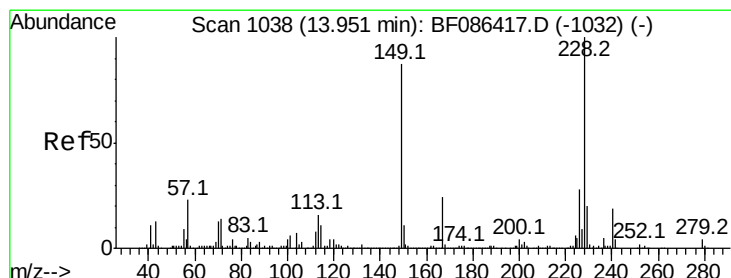
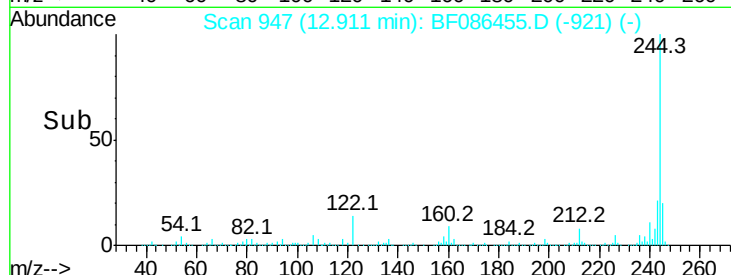
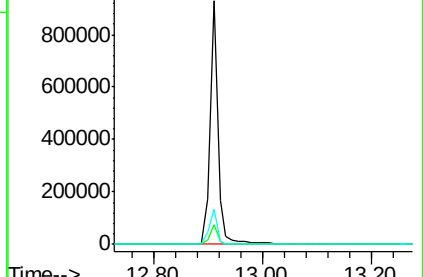
122 14.1 12.0 18.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.42 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086455.D

Acq: 28 Apr 2016 6:12

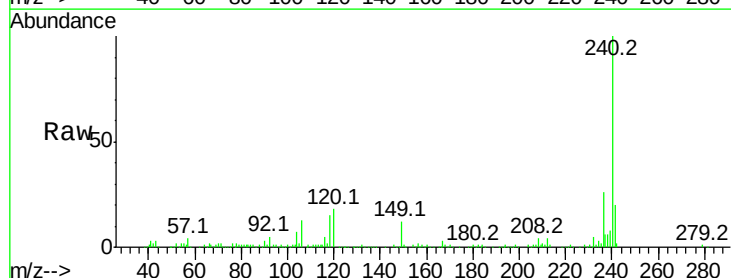
Tgt Ion:149 Resp: 29745

Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.6

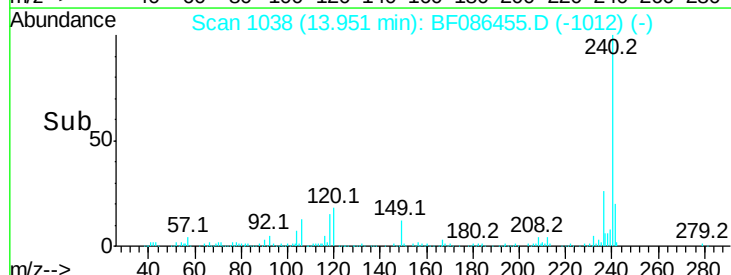
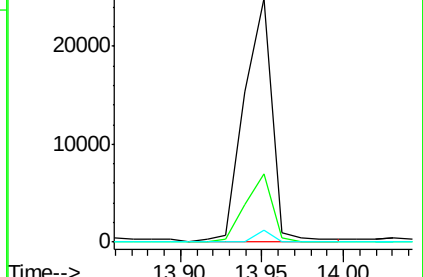
279 4.8 2.6 4.0#

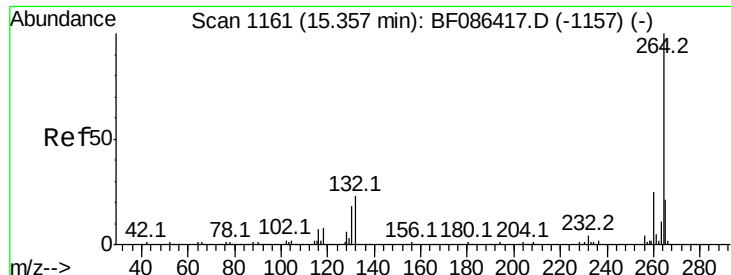


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

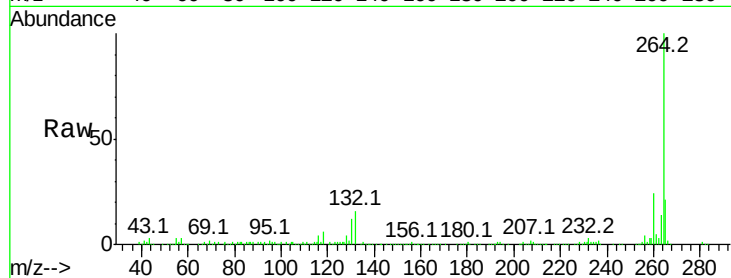




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF086455.D
 Acq: 28 Apr 2016 6:12

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.9	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

