

Data Path : Z:\HPCHEM1\BNA F\Data\BF042716\
 Data File : BF086461.D
 Acq On : 28 Apr 2016 9:01
 Operator : UM/SJ
 Sample : H2736-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB06(0.5-10.0)

Quant Time: Apr 28 11:35:30 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

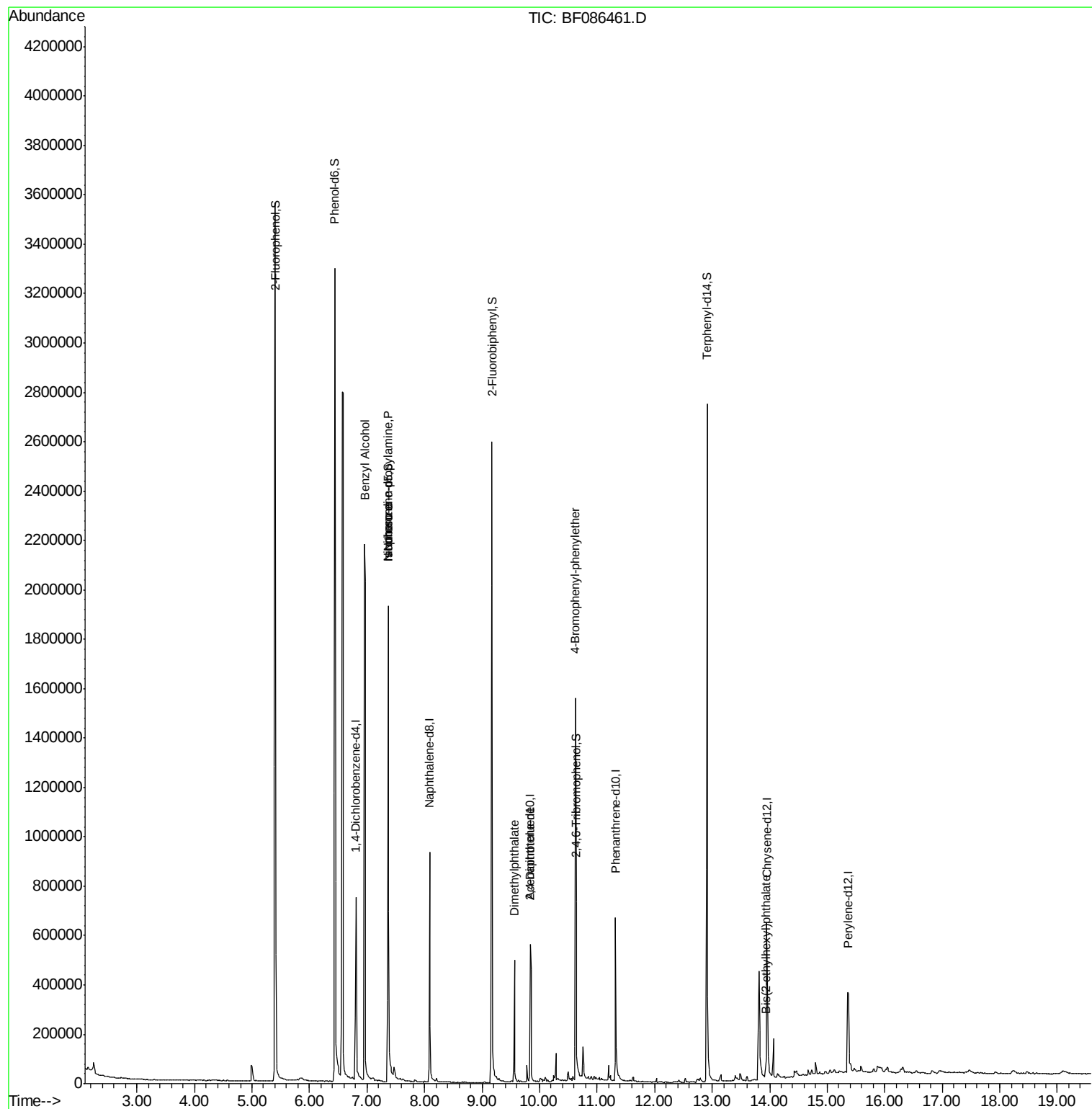
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	121695	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	434227	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	153419	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	276492	20.00	ng	0.00
75) Chrysene-d12	13.95	240	302078	20.00	ng	-0.01
86) Perylene-d12	15.37	264	215365	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	981953	139.18	ng	0.01
7) Phenol-d6	6.44	99	1271625	129.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	755534	93.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	216092	133.56	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1170901	157.32	ng	0.00
78) Terphenyl-d14	12.91	244	919793	67.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	14272	2.29	ng	# 41
19) n-Nitroso-di-n-propylamine	7.37	70	99436	15.28	ng	# 73
25) Isophorone	7.37	82	678419	43.76	ng	# 68
49) Dimethylphthalate	9.56	163	190962	16.53	ng	99
56) 2,4-Dinitrotoluene	9.84	165	18637	6.13	ng	# 15
66) 4-Bromophenyl-phenylether	10.62	248	12133	4.26	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.94	149	24713	2.11	ng	# 98

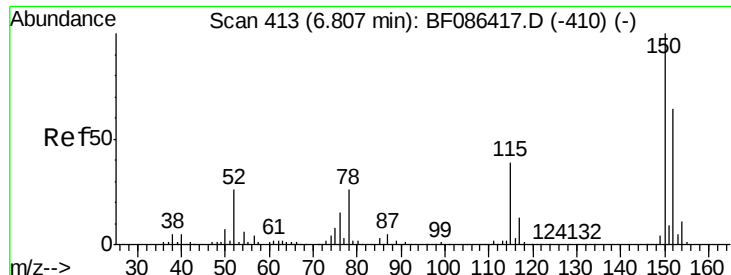
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 35 Sample Multiplier: 1

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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: BF086461.D

Acq: 28 Apr 2016 9:01

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB06(0.5-10.0)

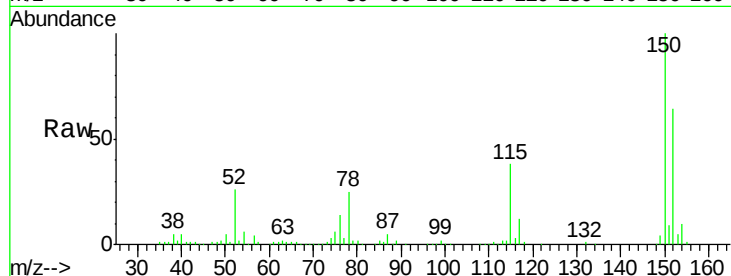
Tot Ion:152 Resp: 121695

Ion Ratio Lower Upper

152 100

150 155.3 125.8 188.6

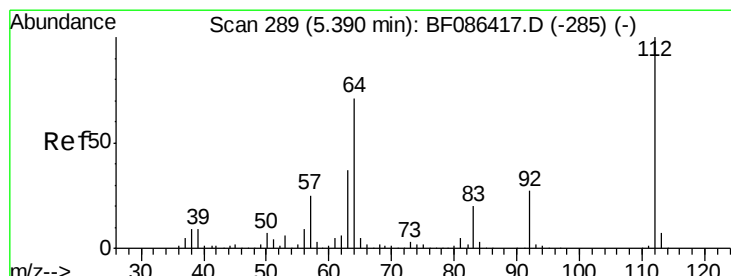
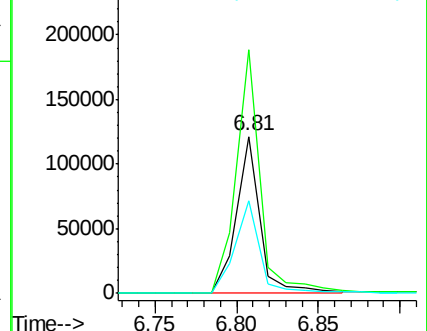
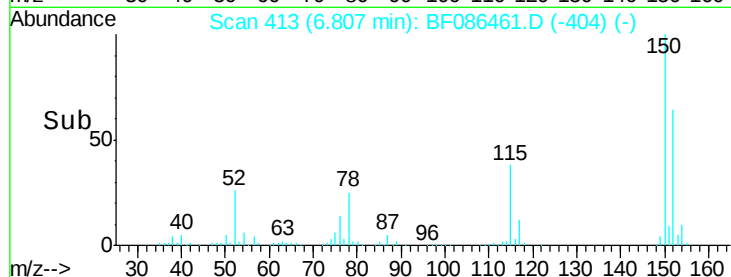
115 59.1 51.5 77.3



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: 139.18 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086461.D

Acq: 28 Apr 2016 9:01

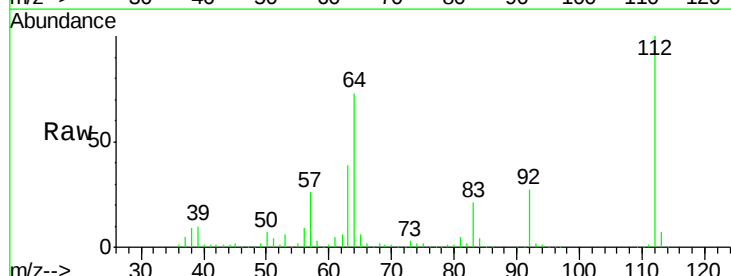
Tgt Ion:112 Resp: 981953

Ion Ratio Lower Upper

112 100

64 72.6 52.1 78.1

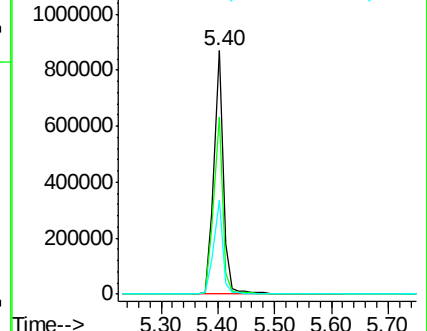
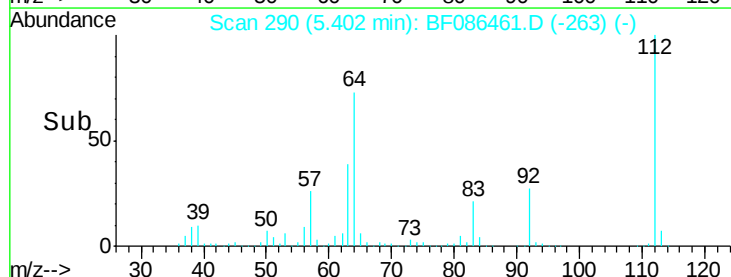
63 38.6 25.7 38.5

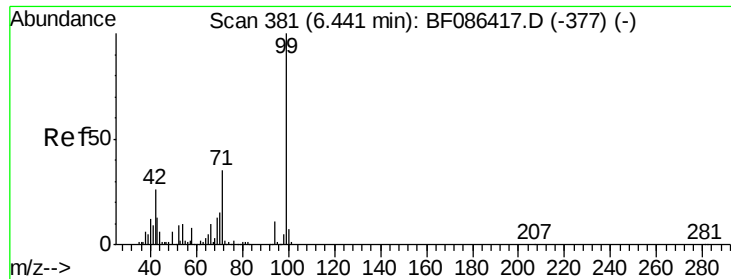


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.14 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086461.D

Acq: 28 Apr 2016 9:01

Instrument :

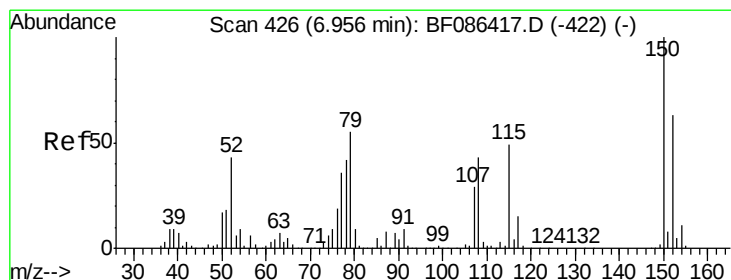
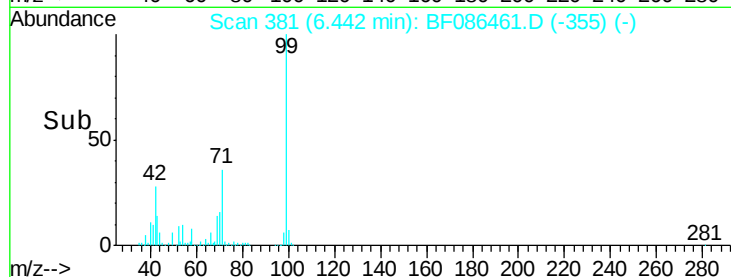
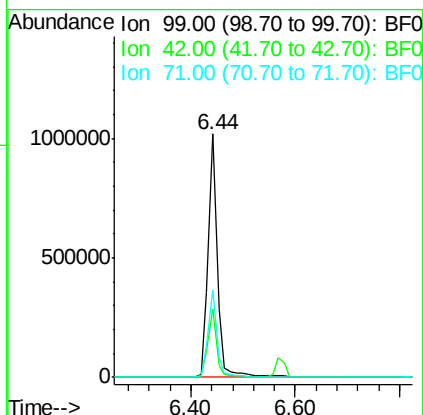
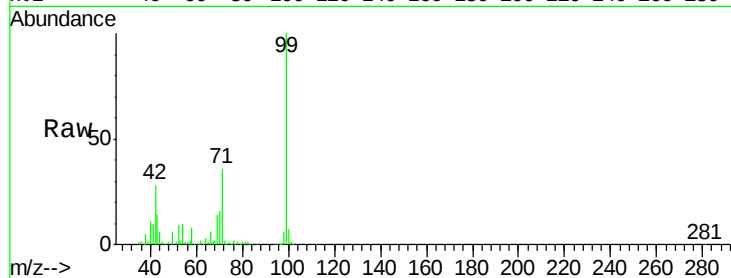
BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB06(0.5-10.0)

Tot Ion: 99 Resp: 1271625

Ion	Ratio	Lower	Upper
99	100		
42	28.2	13.6	20.4#
71	36.1	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 6.96 min Scan# 426

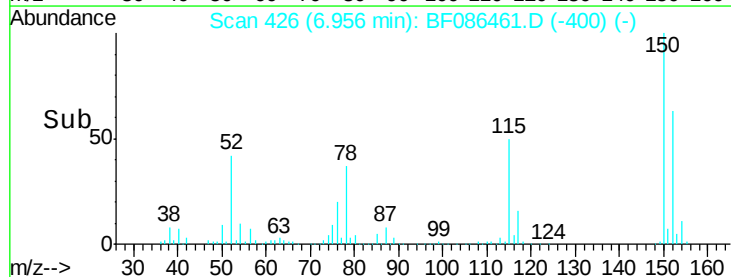
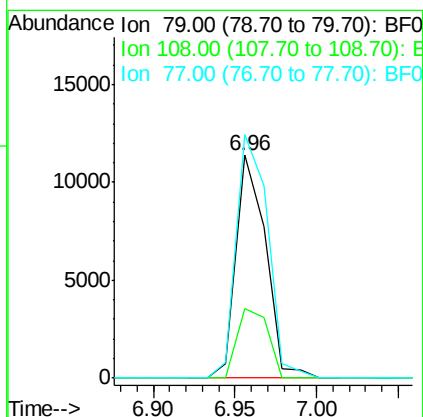
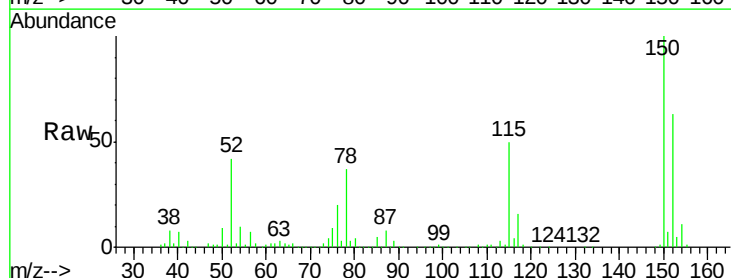
Delta R.T. 0.00 min

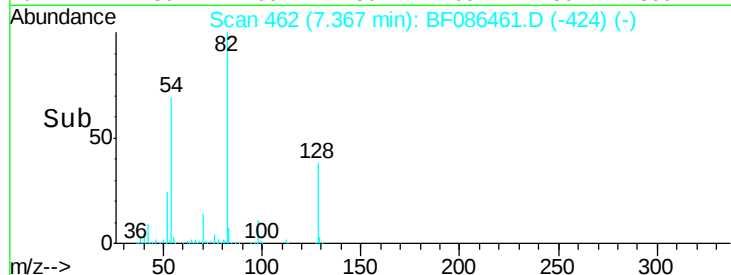
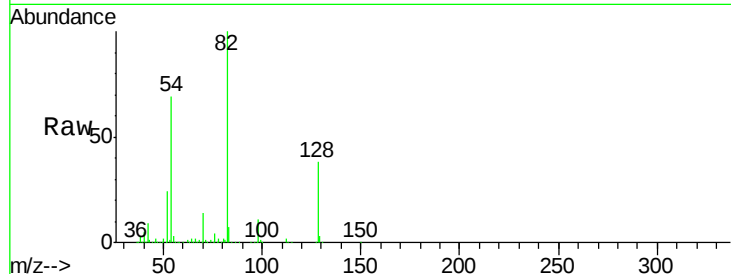
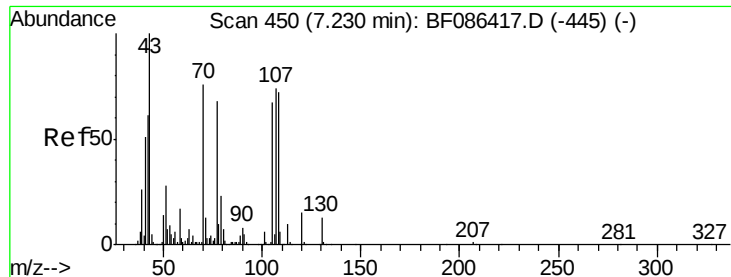
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Tgt Ion: 79 Resp: 14272

Ion	Ratio	Lower	Upper
79	100		
108	31.4	68.4	102.6#
77	109.2	50.6	76.0#

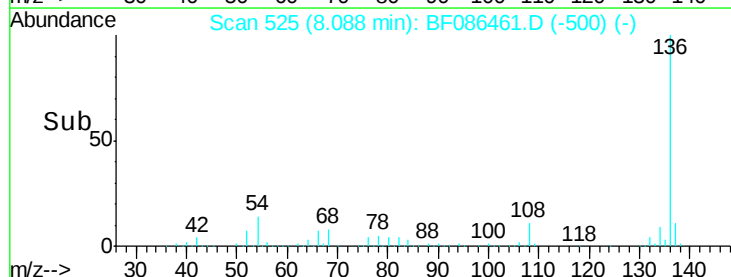
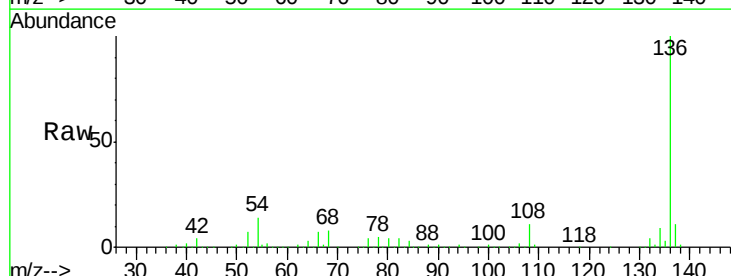
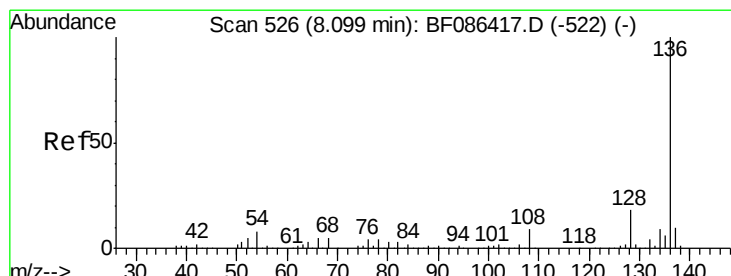
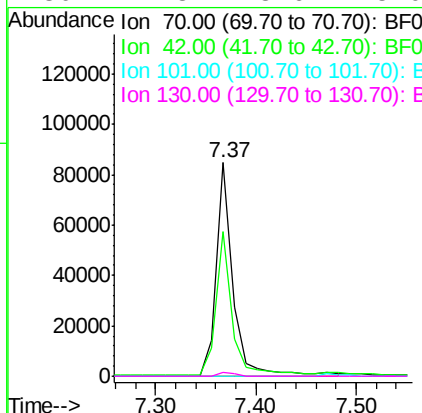




#19
n-Nitroso-di-n-propylamine
Concen: 15.28 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086461.D
Acq: 28 Apr 2016 9:01

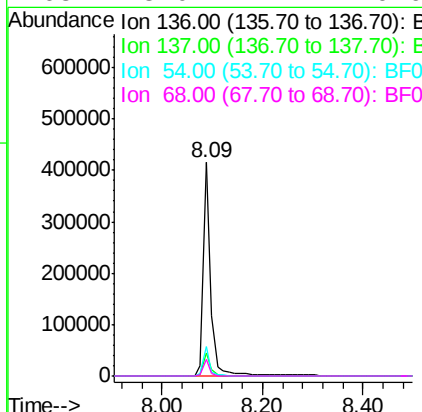
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB06(0.5-10.0)

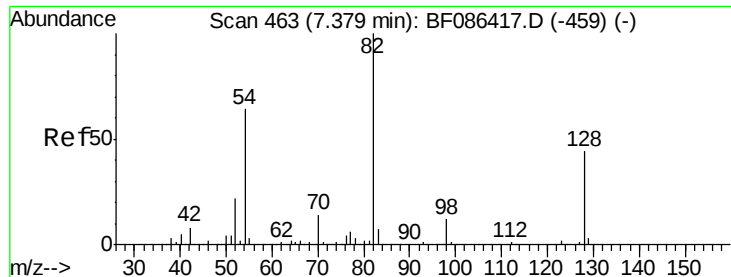
Tot Ion: 70 Resp: 99436
Ion Ratio Lower Upper
70 100
42 67.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086461.D
Acq: 28 Apr 2016 9:01

Tgt Ion: 136 Resp: 434227
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 13.8 5.0 7.4#
68 8.0 4.4 6.6#

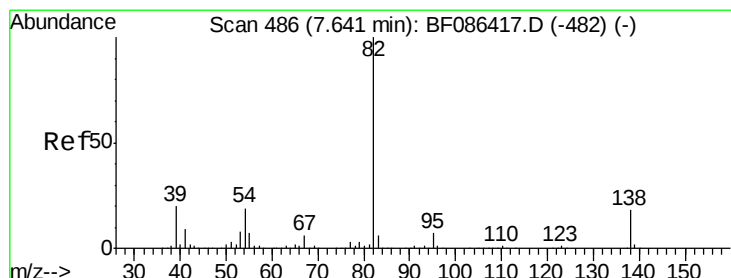
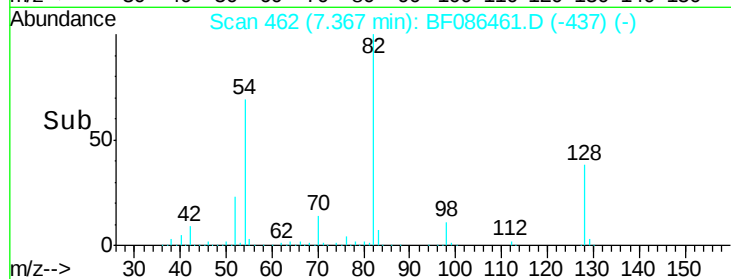
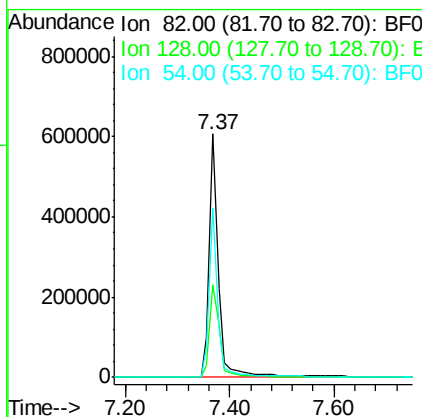
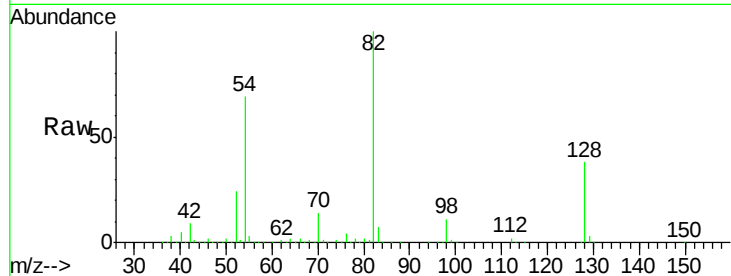




#23
 Nitrobenzene-d5
 Concen: 93.79 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086461.D
 Acq: 28 Apr 2016 9:01

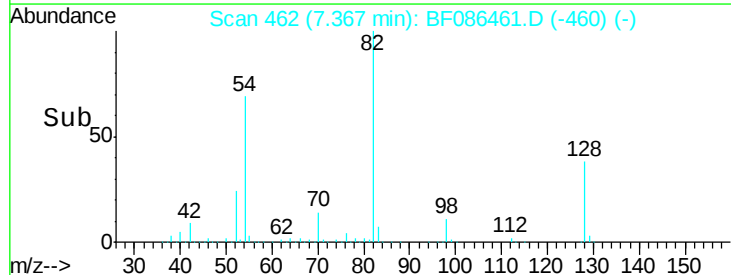
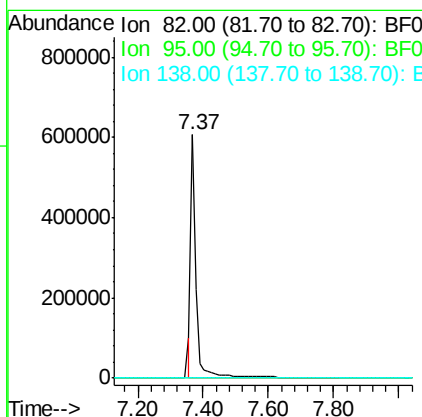
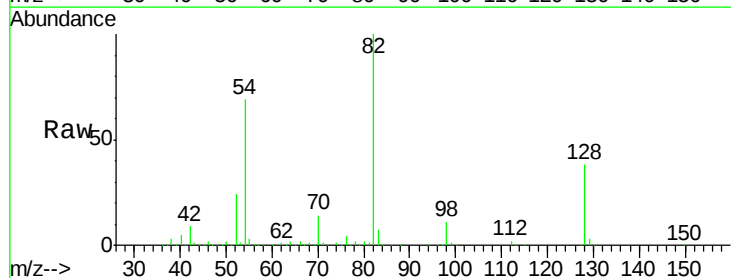
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB06(0.5-10.0)

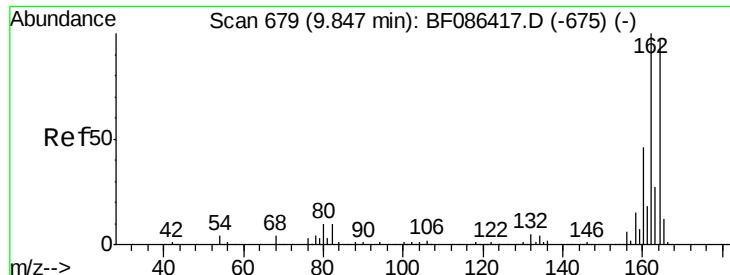
Tot Ion	82	Resp	755534
Ion Ratio	Lower	Upper	
82	100		
128	38.2	40.6	61.0#
54	69.4	38.1	57.1#



#25
 Isophorone
 Concen: 43.76 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.27 min
 Lab File: BF086461.D
 Acq: 28 Apr 2016 9:01

Tgt Ion	82	Resp	678419
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

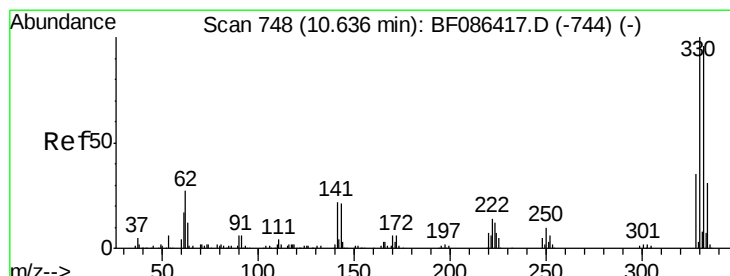
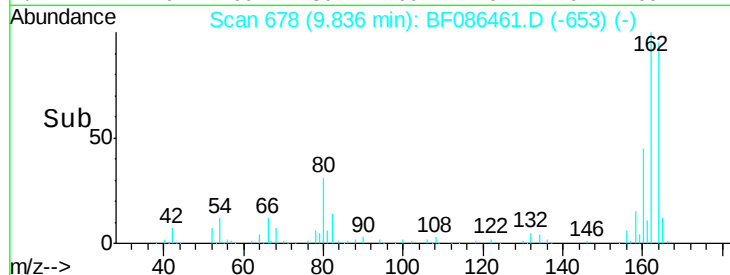
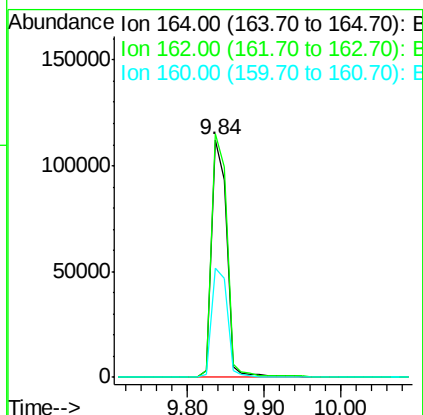
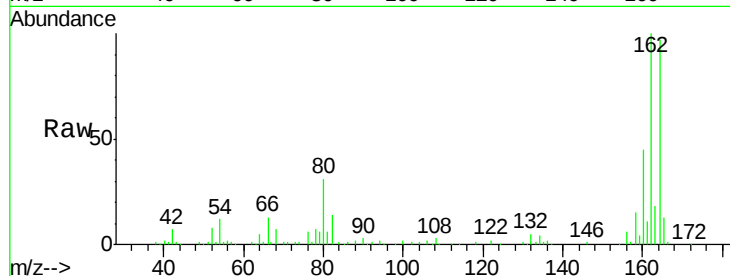




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086461.D
Acq: 28 Apr 2016 9:01

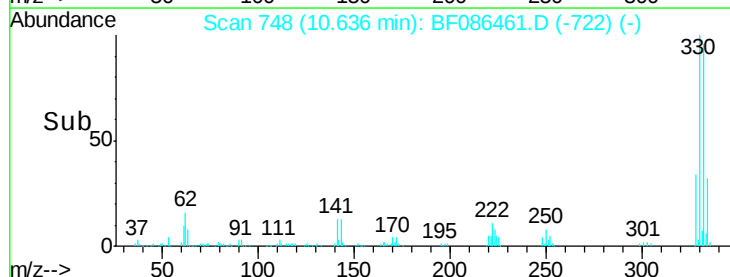
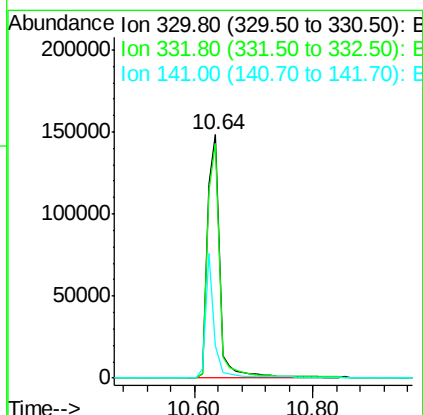
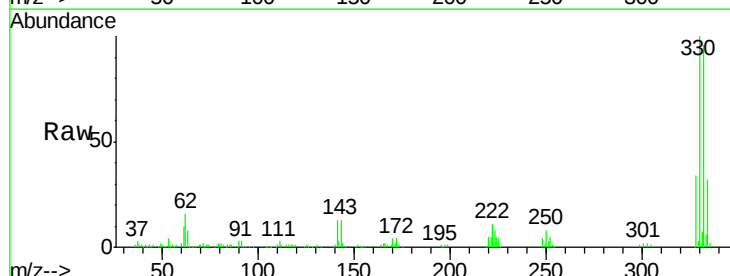
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB06(0.5-10.0)

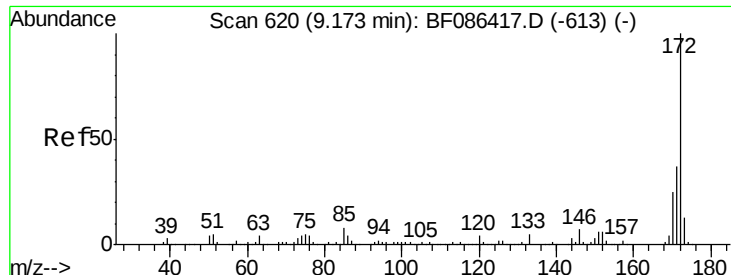
Tot Ion:164 Resp: 153419
Ion Ratio Lower Upper
164 100
162 102.6 82.8 124.2
160 45.9 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 133.56 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF086461.D
Acq: 28 Apr 2016 9:01

Tgt Ion:330 Resp: 216092
Ion Ratio Lower Upper
330 100
332 97.2 79.0 118.4
141 35.8 31.2 46.8

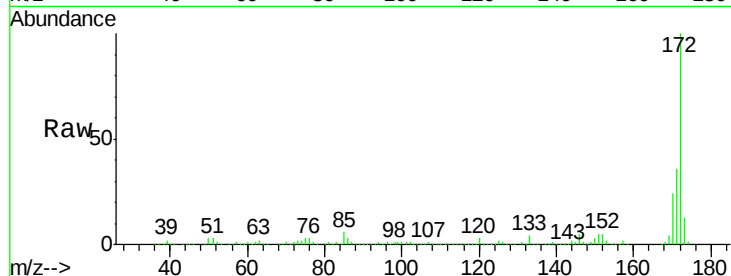




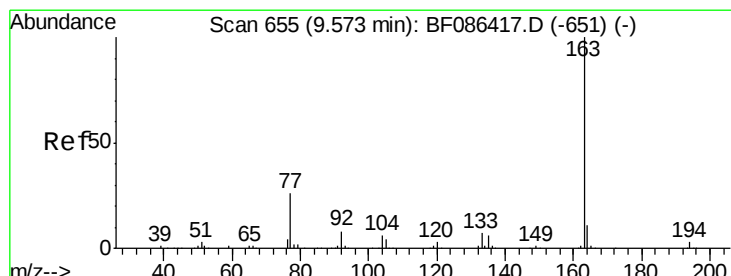
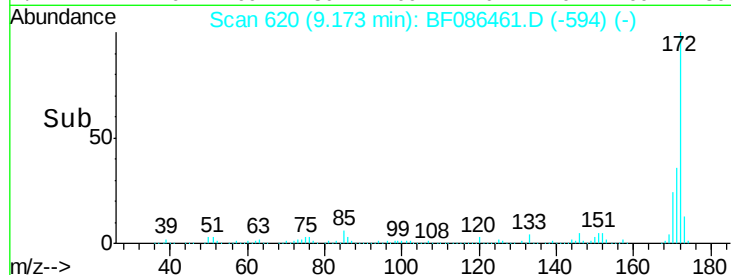
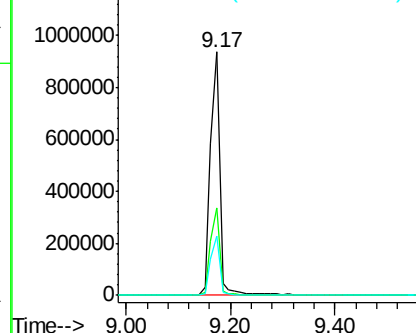
#44
 2-Fluorobiphenyl
 Concen: 157.32 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086461.D
 Acq: 28 Apr 2016 9:01

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB06(0.5-10.0)

Tot Ion:172 Resp: 1170901
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.4 19.8 29.8

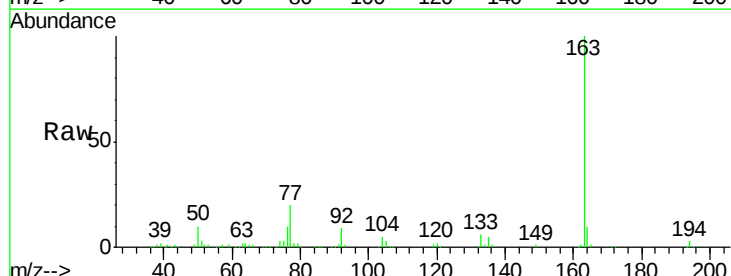


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

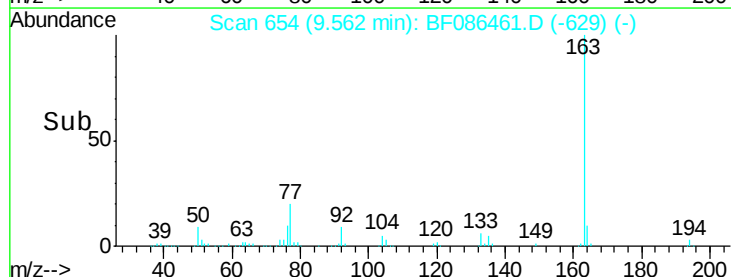
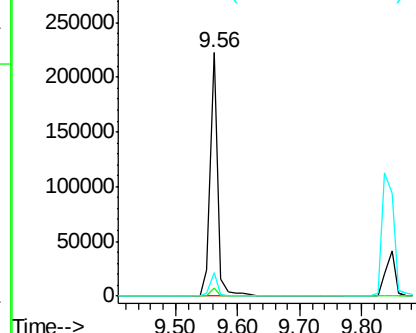


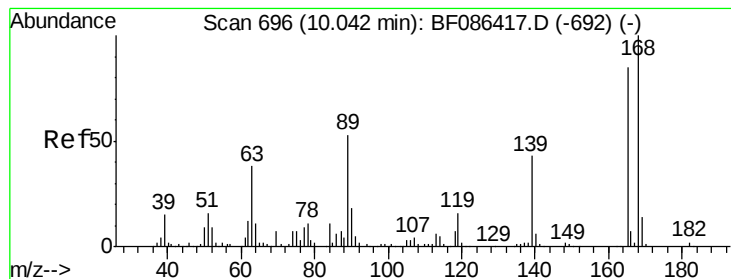
#49
 Dimethylphthalate
 Concen: 16.53 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086461.D
 Acq: 28 Apr 2016 9:01

Tgt Ion:163 Resp: 190962
 Ion Ratio Lower Upper
 163 100
 194 3.3 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

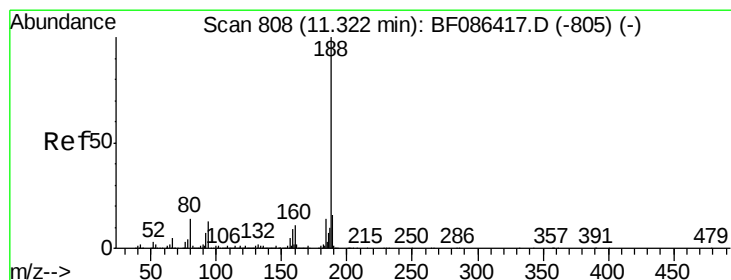
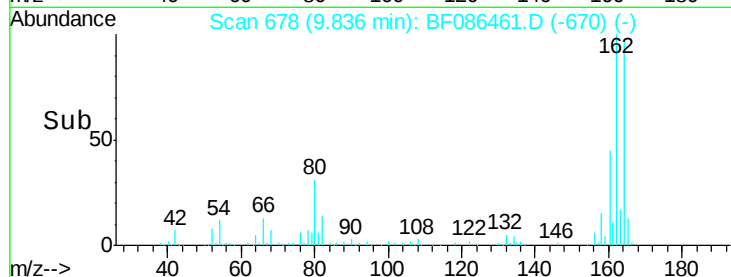
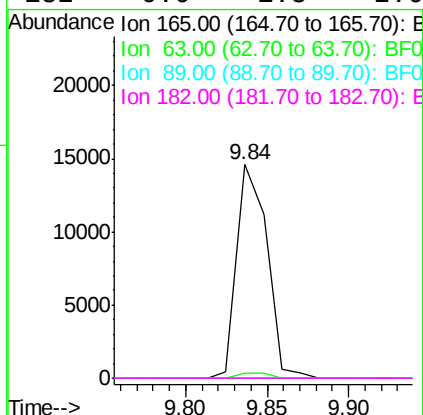
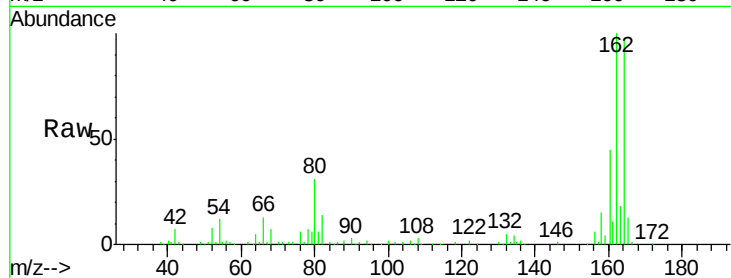




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.21 min
 Lab File: BF086461.D
 Acq: 28 Apr 2016 9:01

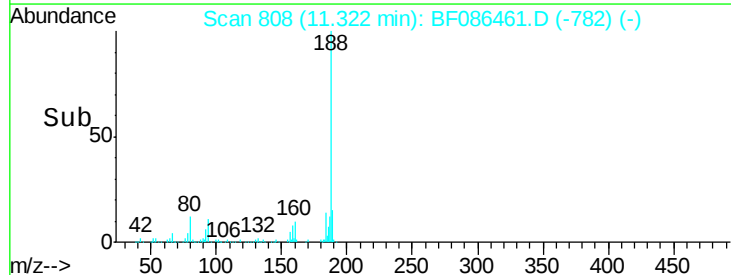
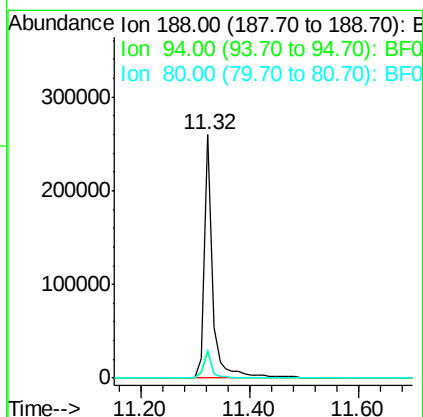
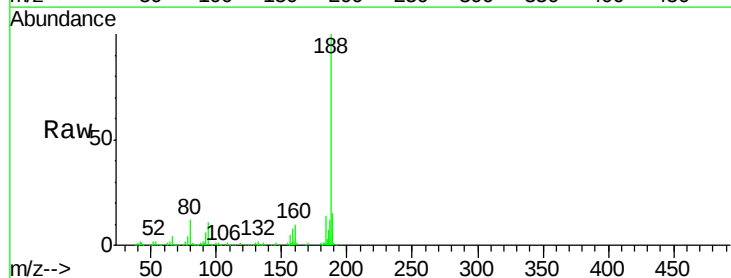
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 RICHMOND-AMBOY-SB06(0.5-10.0)

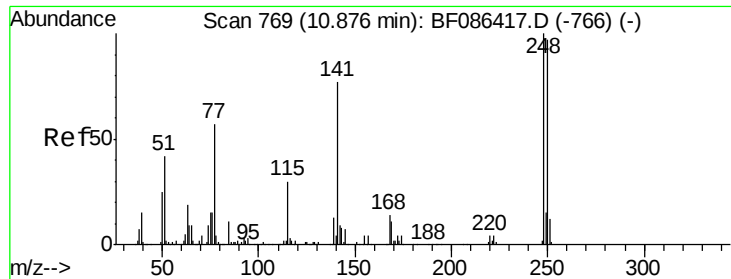
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.3	66.5#
89	0.0	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086461.D
 Acq: 28 Apr 2016 9:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	6.8	10.2#
80	11.6	7.1	10.7#





#66

4-Bromophenyl-phenylether

Concen: 4.26 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.25 min

Lab File: BF086461.D

Acq: 28 Apr 2016 9:01

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB06(0.5-10.0)

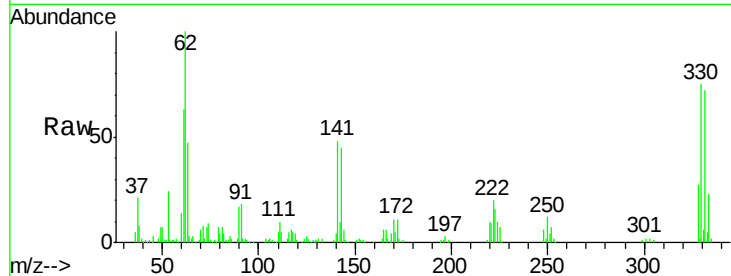
Tot Ion:248 Resp: 12133

Ion Ratio Lower Upper

248 100

250 204.8 78.6 117.8#

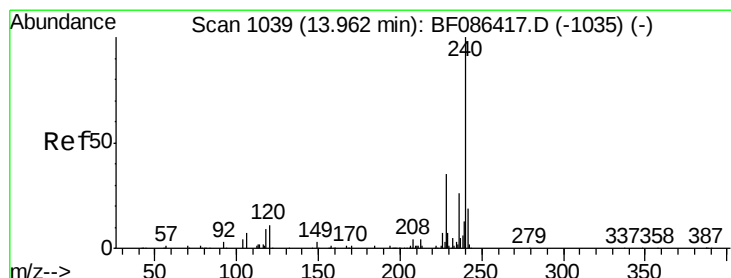
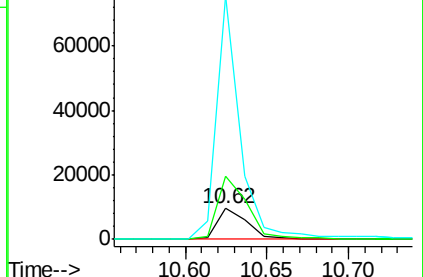
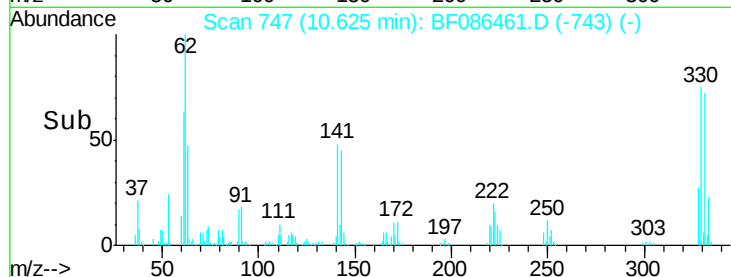
141 790.0 76.0 114.0#



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: BF086461.D

Acq: 28 Apr 2016 9:01

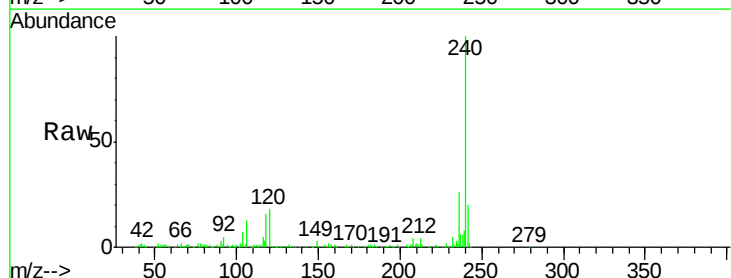
Tgt Ion:240 Resp: 302078

Ion Ratio Lower Upper

240 100

120 18.3 11.2 16.8#

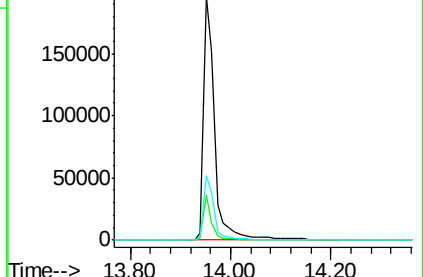
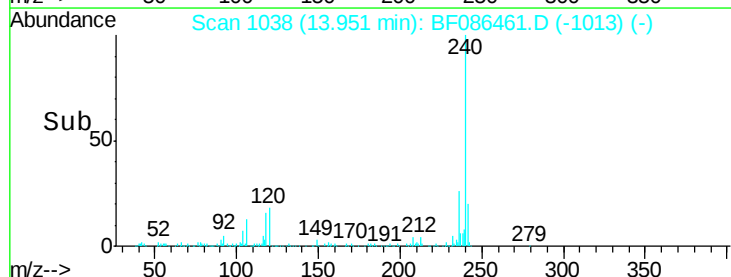
236 26.5 21.2 31.8

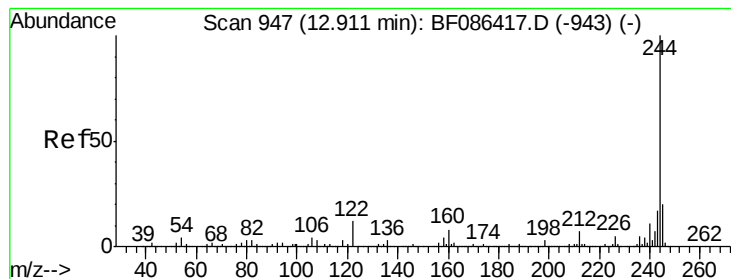


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.08 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086461.D

Acq: 28 Apr 2016 9:01

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB06(0.5-10.0)

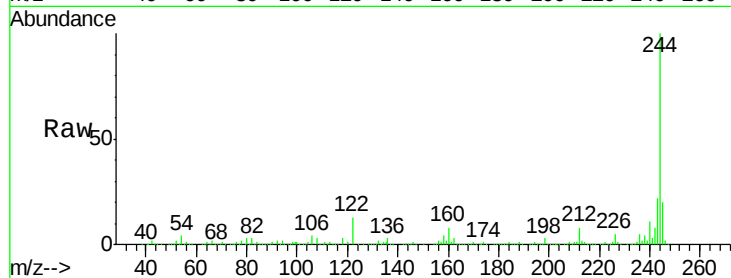
Tot Ion:244 Resp: 919793

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

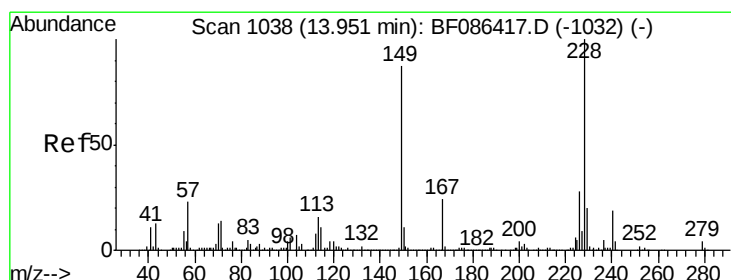
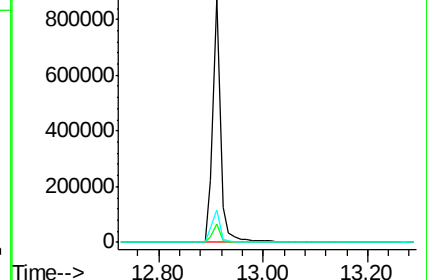
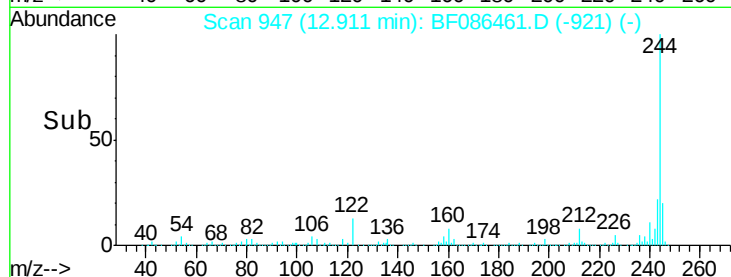
122 13.5 12.0 18.0



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: 2.11 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF086461.D

Acq: 28 Apr 2016 9:01

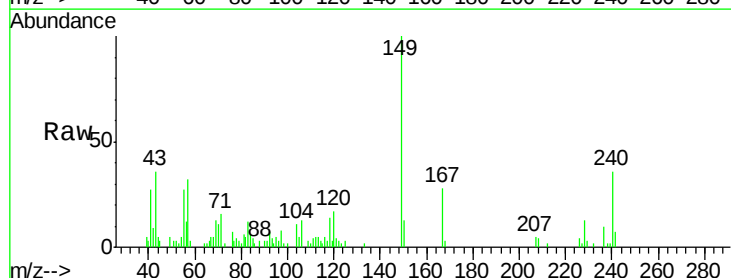
Tgt Ion:149 Resp: 24713

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

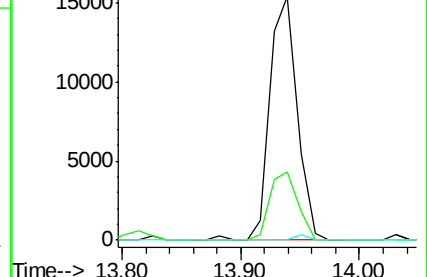
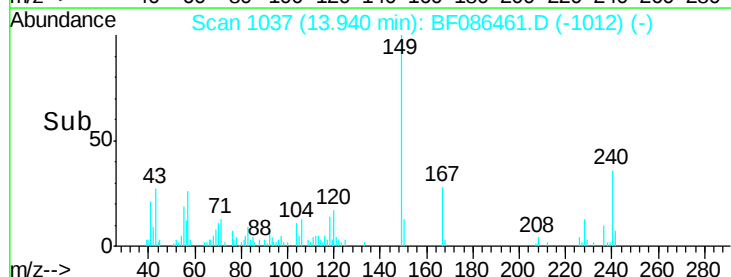
279 0.0 2.6 4.0#

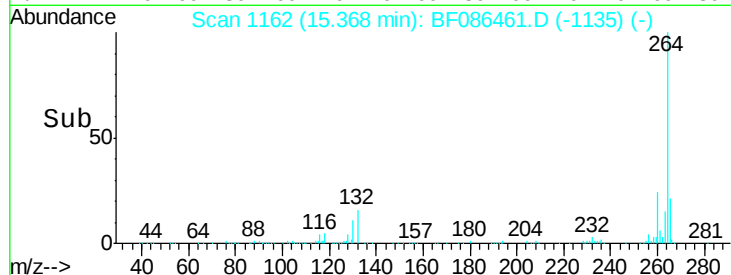
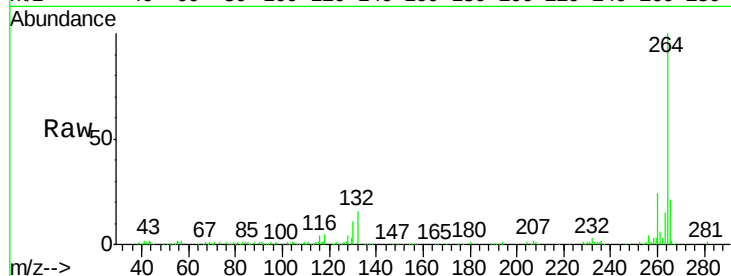
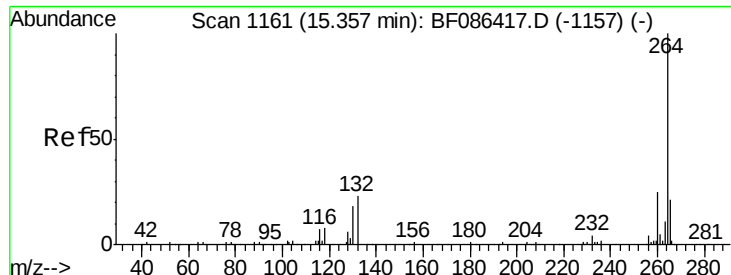


Abundance Ion 149.00 (148.70 to 149.70): E

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: BF086461.D
Acq: 28 Apr 2016 9:01

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB06(0.5-10.0)

Tot Ion:	264	Resp:	215365
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.2	17.3	25.9

