

Data Path : Z:\HPCHEM1\BNA F\Data\BF042716\
 Data File : BF086463.D
 Acq On : 28 Apr 2016 9:58
 Operator : UM/SJ
 Sample : H2736-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB03(0.5-10.0)

Quant Time: Apr 28 11:45:16 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

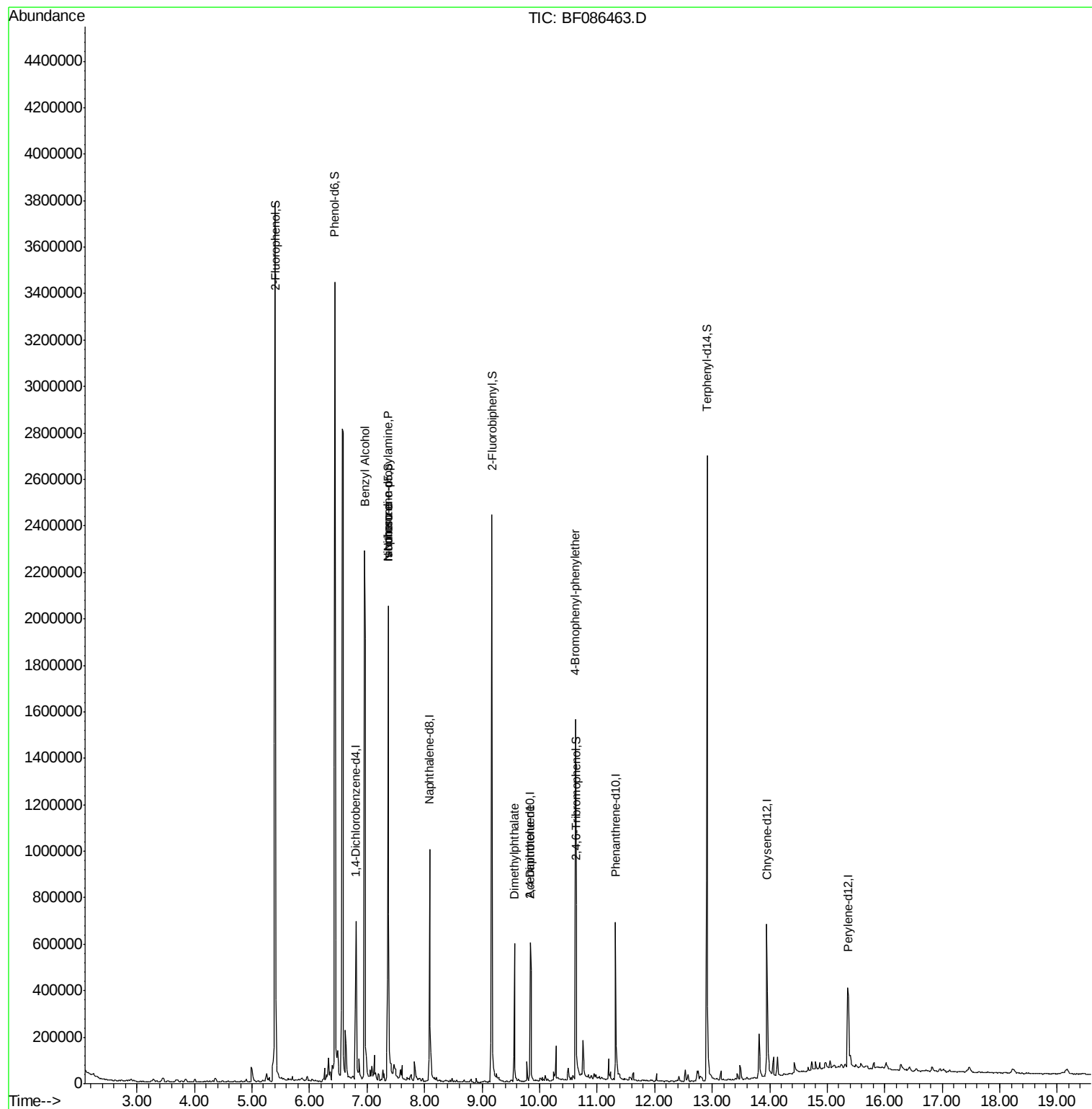
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	119371	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	458058	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	162197	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	283743	20.00	ng	0.00
75) Chrysene-d12	13.95	240	299921	20.00	ng	-0.01
86) Perylene-d12	15.37	264	213408	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1003316	144.98	ng	0.01
7) Phenol-d6	6.44	99	1283945	132.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	792705	93.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	223568	130.71	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1182164	146.87	ng	0.00
78) Terphenyl-d14	12.91	244	901699	66.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	14512	2.37	ng	# 43
19) n-Nitroso-di-n-propylamine	7.37	70	108119	16.93	ng	# 74
25) Isophorone	7.37	82	664240	40.61	ng	# 68
49) Dimethylphthalate	9.56	163	228608	18.72	ng	100
56) 2,4-Dinitrotoluene	9.84	165	19866	6.18	ng	# 17
66) 4-Bromophenyl-phenylether	10.62	248	12189	4.17	ng	# 1

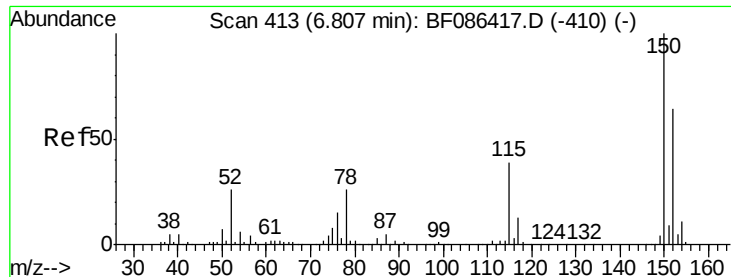
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB03(0.5-10.0)

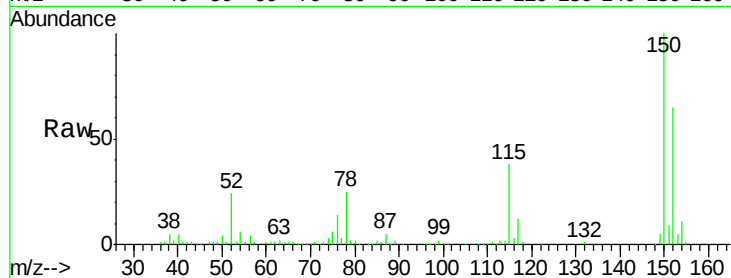
Tot Ion:152 Resp: 119371

Ion Ratio Lower Upper

152 100

150 153.9 125.8 188.6

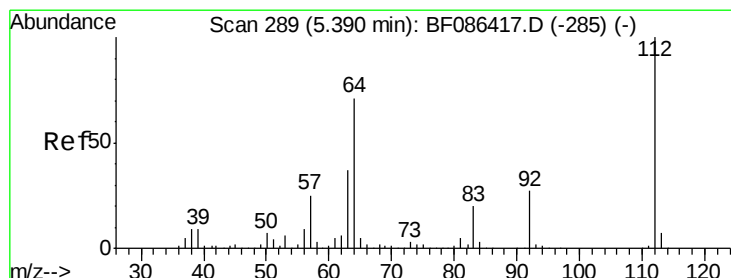
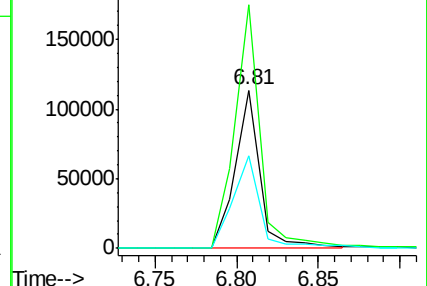
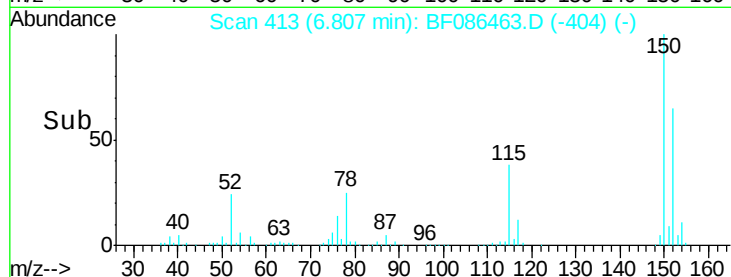
115 58.4 51.5 77.3



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: 144.98 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086463.D

Acq: 28 Apr 2016 9:58

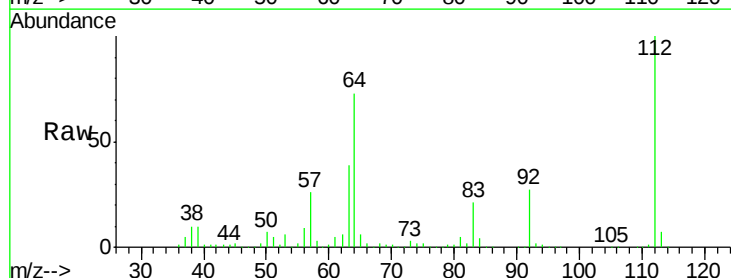
Tgt Ion:112 Resp: 1003316

Ion Ratio Lower Upper

112 100

64 72.8 52.1 78.1

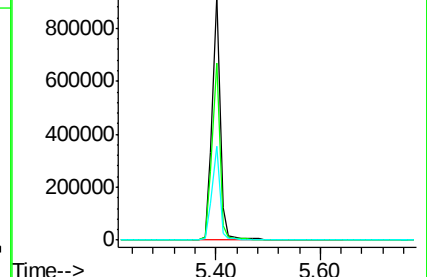
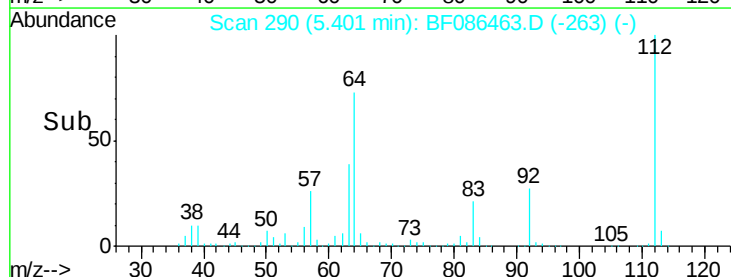
63 38.5 25.7 38.5

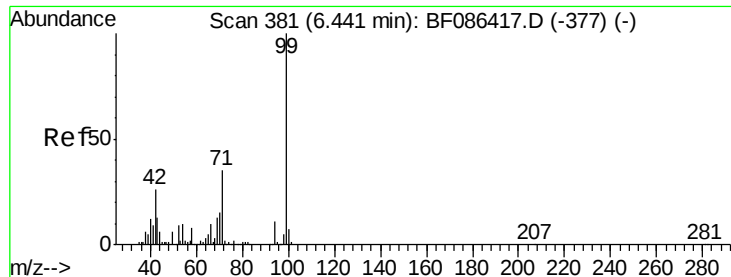


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.93 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086463.D

Acq: 28 Apr 2016 9:58

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB03(0.5-10.0)

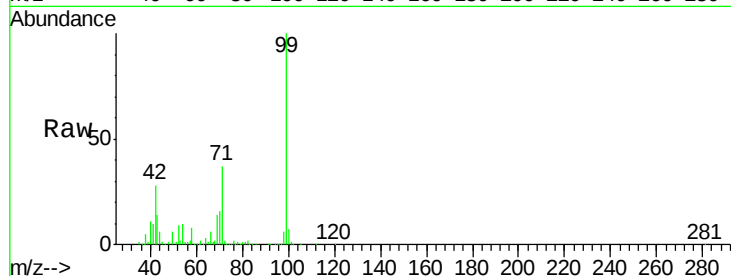
Tot Ion: 99 Resp: 1283945

Ion Ratio Lower Upper

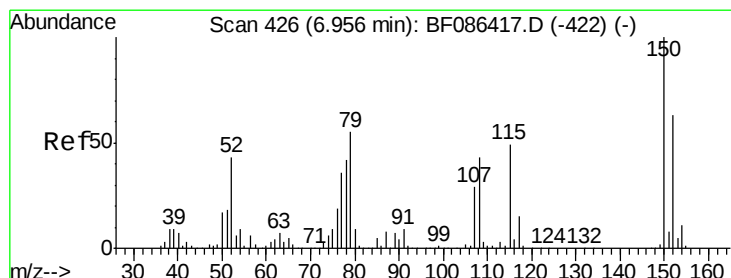
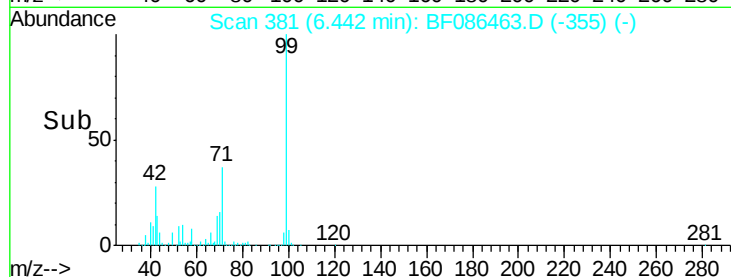
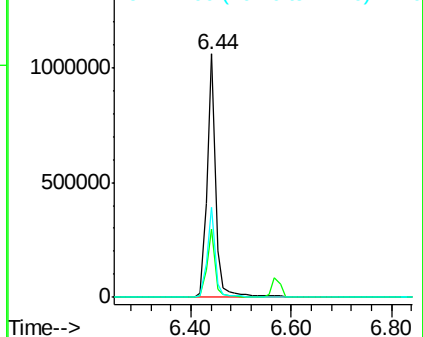
99 100

42 28.1 13.6 20.4#

71 36.9 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF086463.D

Acq: 28 Apr 2016 9:58

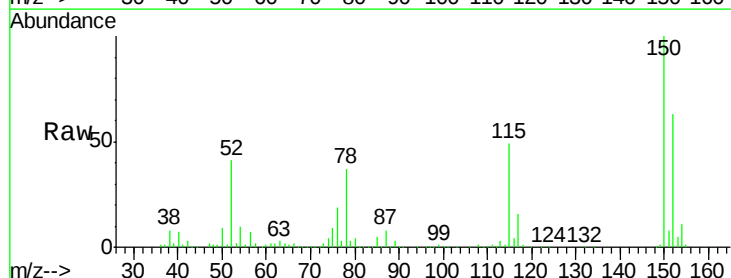
Tgt Ion: 79 Resp: 14512

Ion Ratio Lower Upper

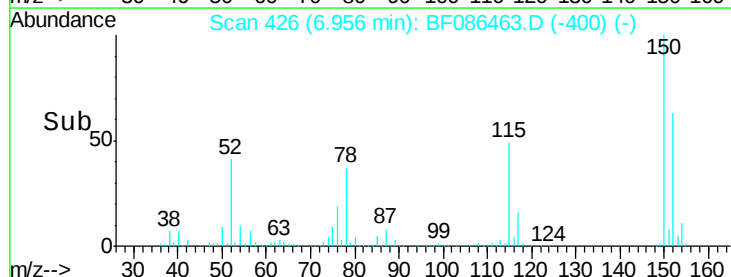
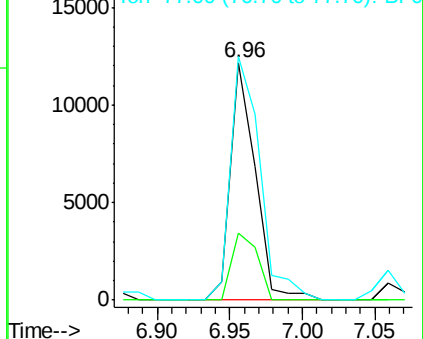
79 100

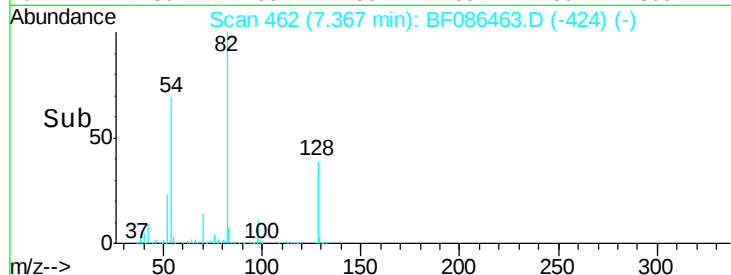
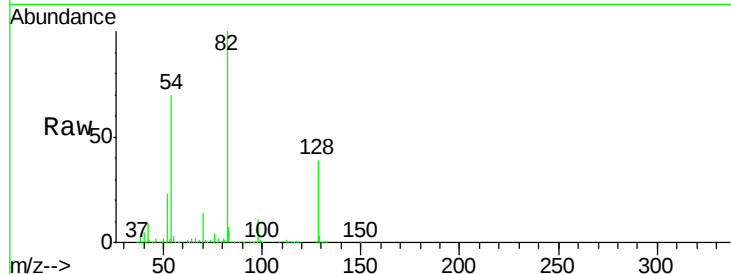
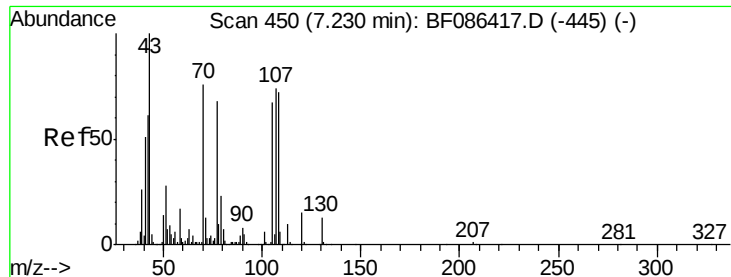
108 28.2 68.4 102.6#

77 102.6 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

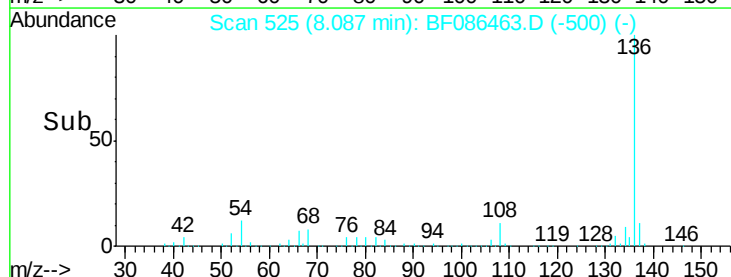
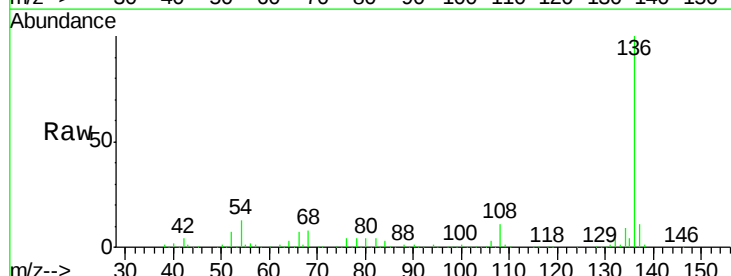
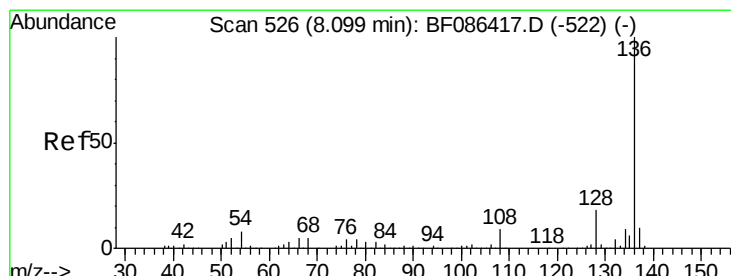
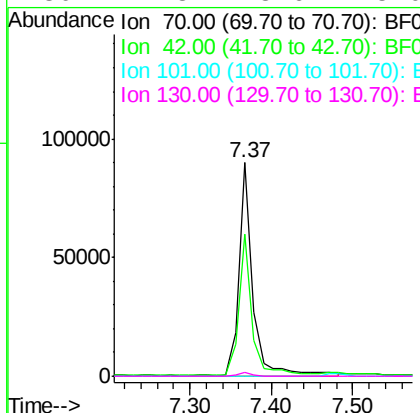




#19
n-Nitroso-di-n-propylamine
Concen: 16.93 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086463.D
Acq: 28 Apr 2016 9:58

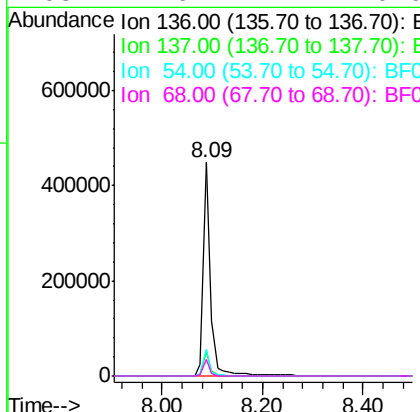
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB03(0.5-10.0)

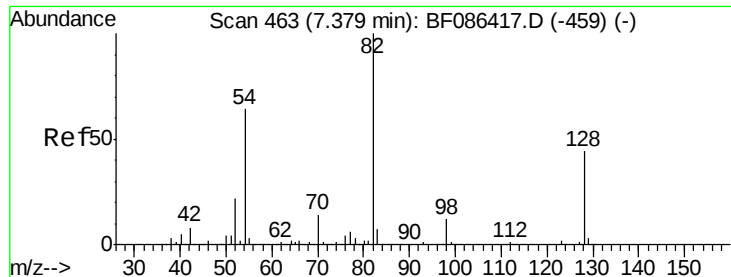
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.6	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086463.D
Acq: 28 Apr 2016 9:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	12.6	5.0	7.4#
68	7.6	4.4	6.6#

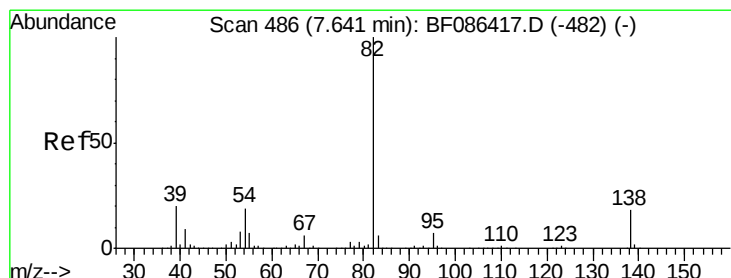
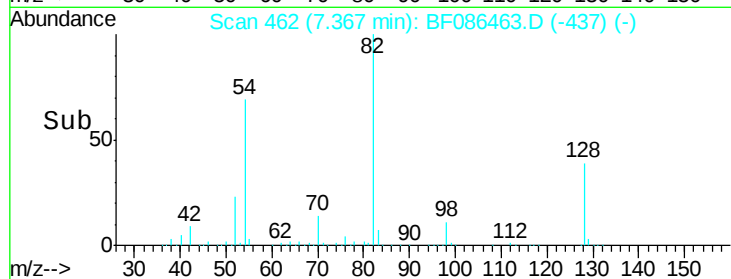
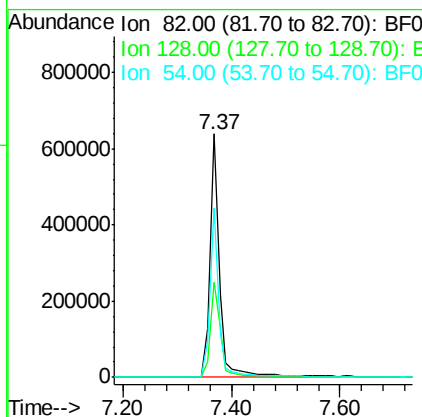
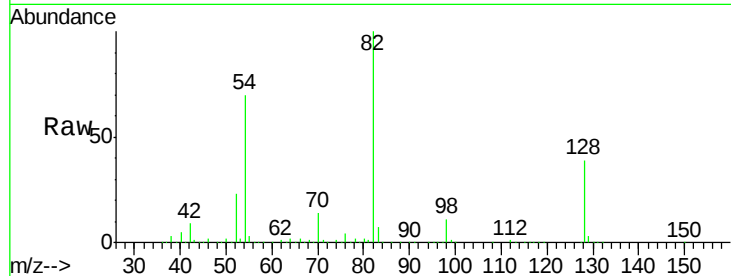




#23
 Nitrobenzene-d5
 Concen: 93.28 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086463.D
 Acq: 28 Apr 2016 9:58

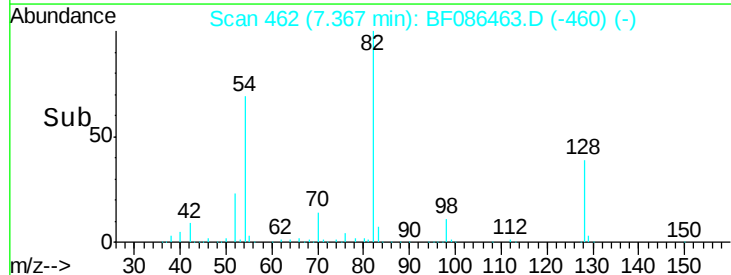
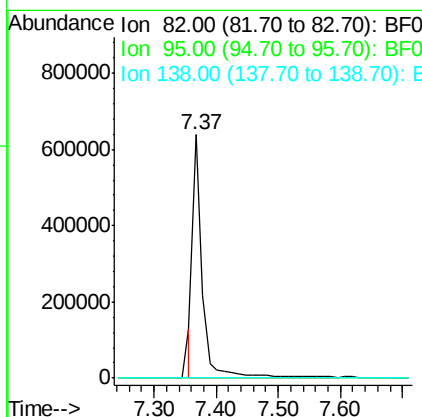
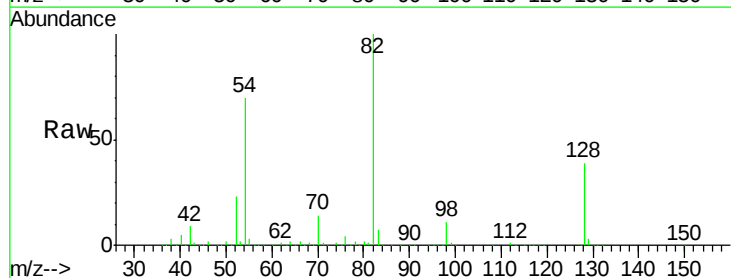
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB03(0.5-10.0)

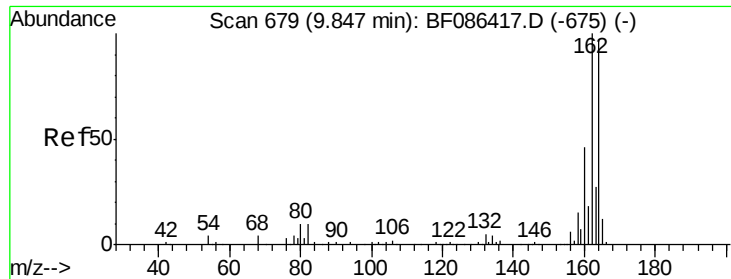
Tot Ion	82	Resp	792705
Ion Ratio	100	Lower	Upper
128	39.2	40.6	61.0#
54	69.5	38.1	57.1#



#25
 Isophorone
 Concen: 40.61 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.27 min
 Lab File: BF086463.D
 Acq: 28 Apr 2016 9:58

Tgt Ion	82	Resp	664240
Ion Ratio	100	Lower	Upper
95	0.1	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: BF086463.D

Acq: 28 Apr 2016 9:58

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB03(0.5-10.0)

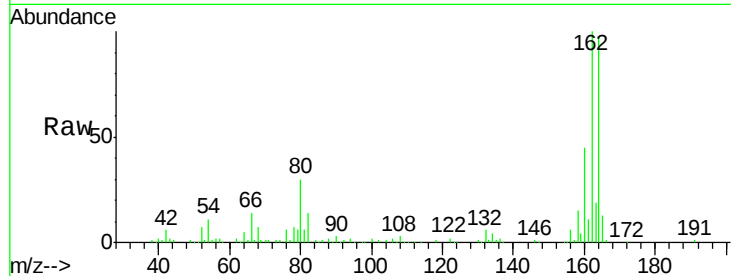
Tot Ion:164 Resp: 162197

Ion Ratio Lower Upper

164 100

162 102.7 82.8 124.2

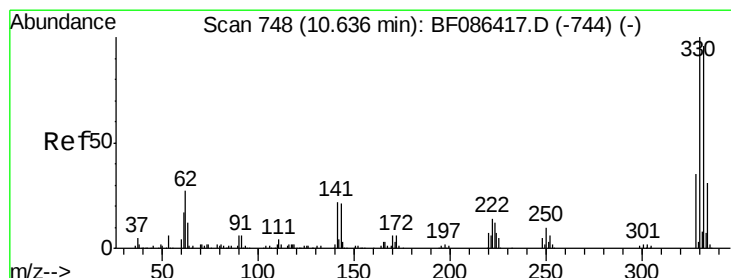
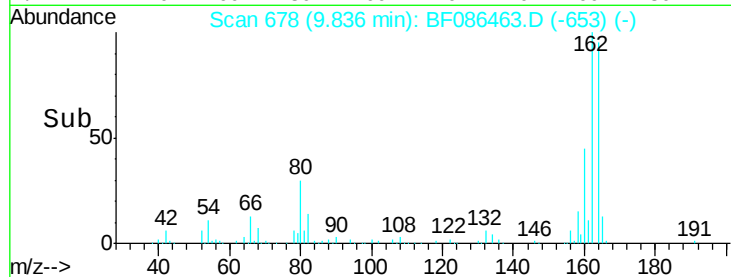
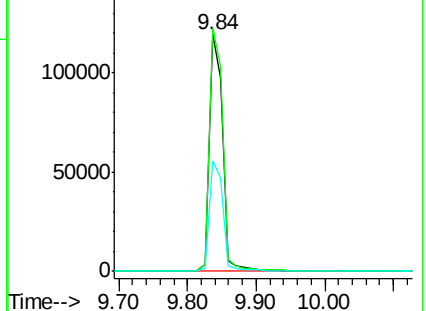
160 46.3 36.9 55.3



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: 130.71 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086463.D

Acq: 28 Apr 2016 9:58

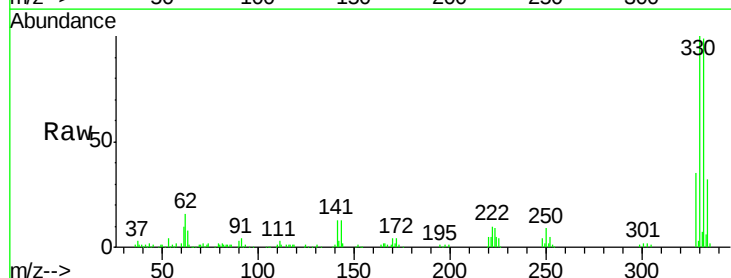
Tgt Ion:330 Resp: 223568

Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.4

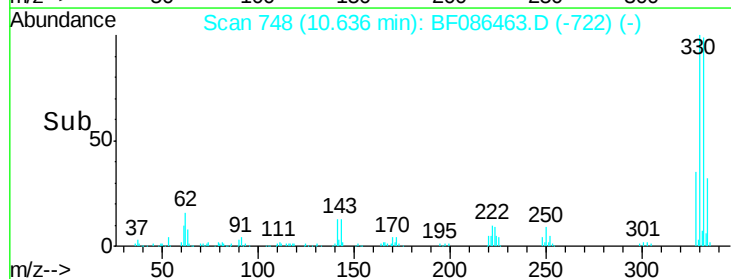
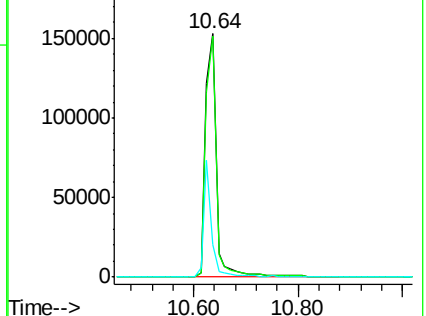
141 34.2 31.2 46.8

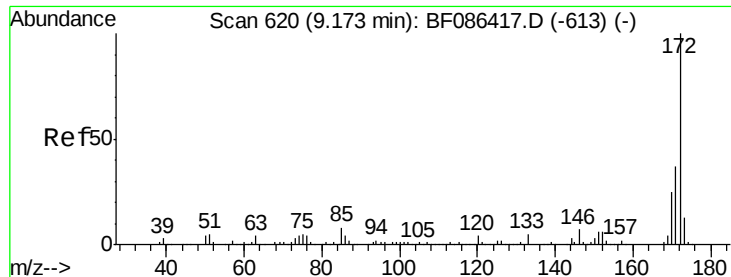


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

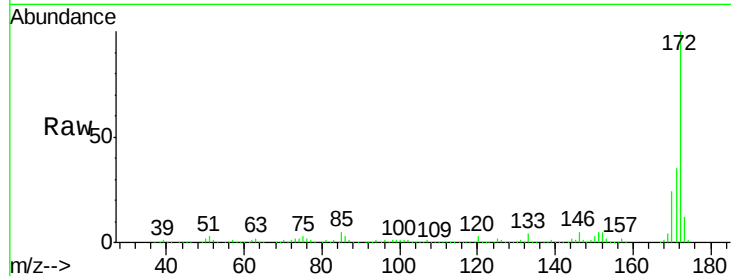




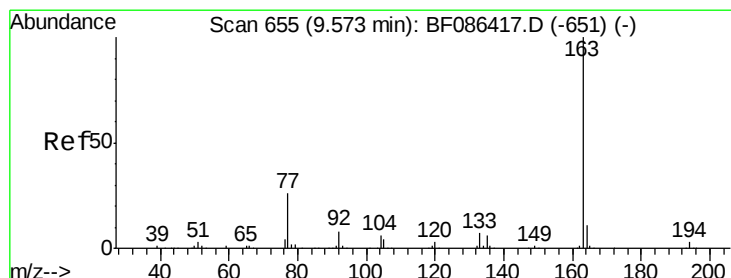
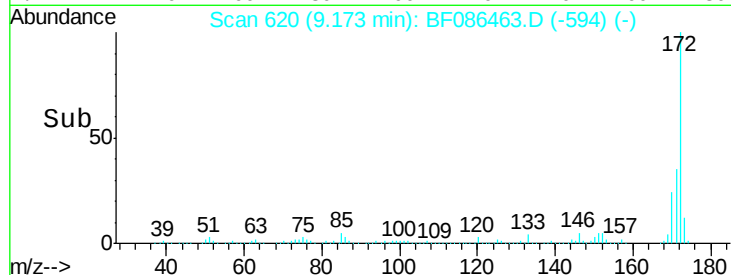
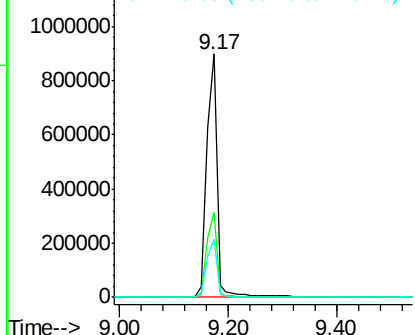
#44
 2-Fluorobiphenyl
 Concen: 146.87 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086463.D
 Acq: 28 Apr 2016 9:58

Instrument :
 BNA_F
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 RICHMOND-AMBOY-SB03(0.5-10.0)

Tot Ion:172 Resp: 1182164
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.0 43.6
 170 23.6 19.8 29.8

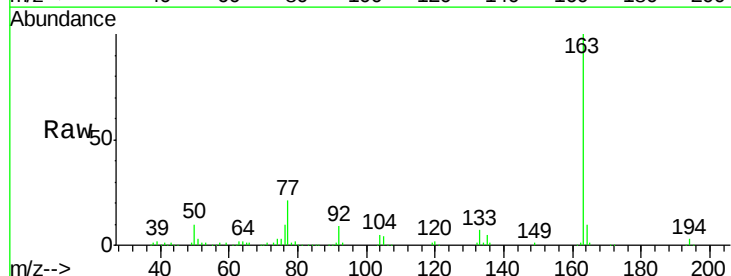


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

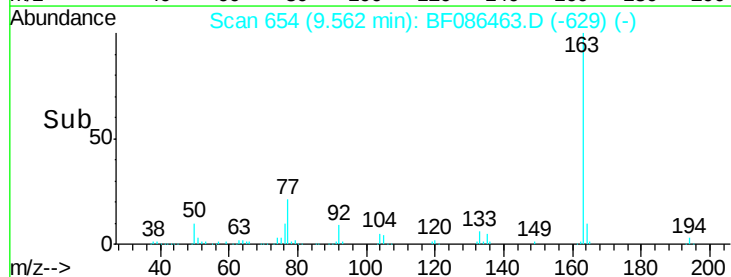
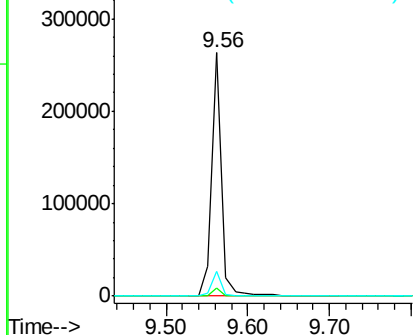


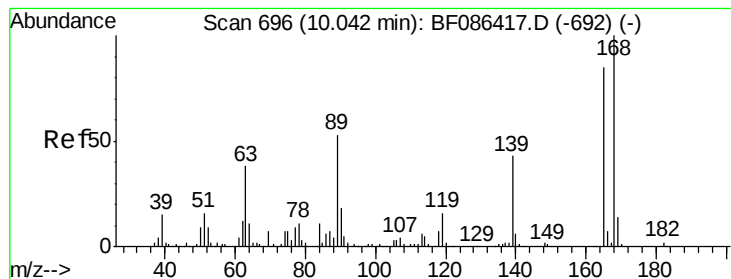
#49
 Dimethylphthalate
 Concen: 18.72 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086463.D
 Acq: 28 Apr 2016 9:58

Tgt Ion:163 Resp: 228608
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.4 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

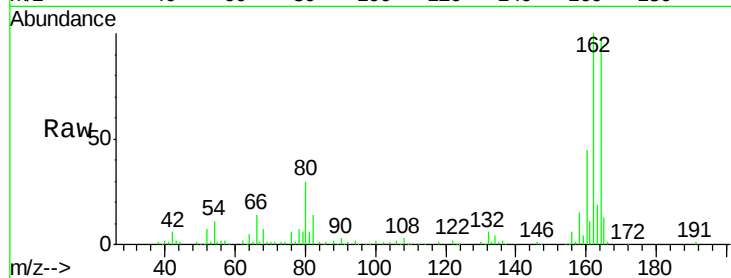




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.21 min
 Lab File: BF086463.D
 Acq: 28 Apr 2016 9:58

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB03(0.5-10.0)

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.8	44.3	66.5#
89	2.3	70.0	105.0#
182	0.0	1.8	2.6#

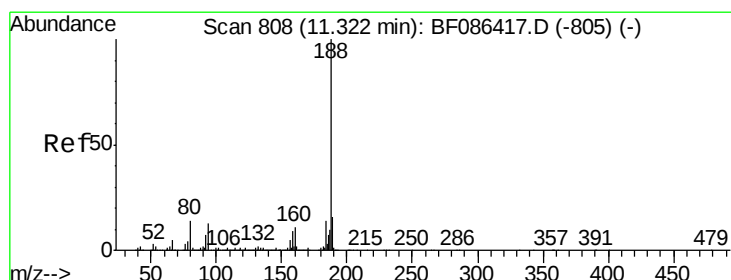
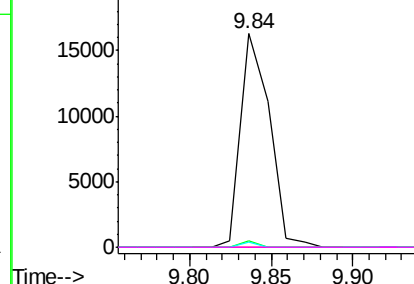
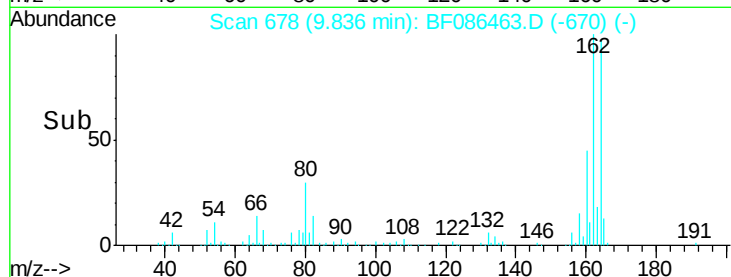


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

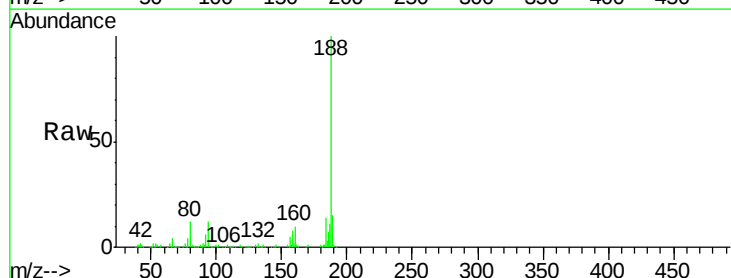
Ion 89.00 (88.70 to 89.70): BF0

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: BF086463.D
 Acq: 28 Apr 2016 9:58

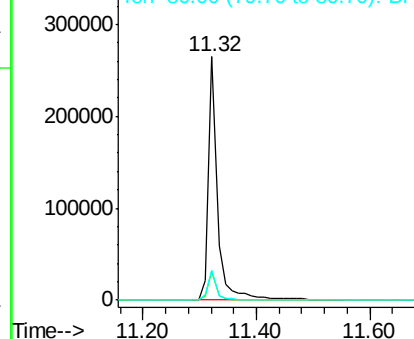
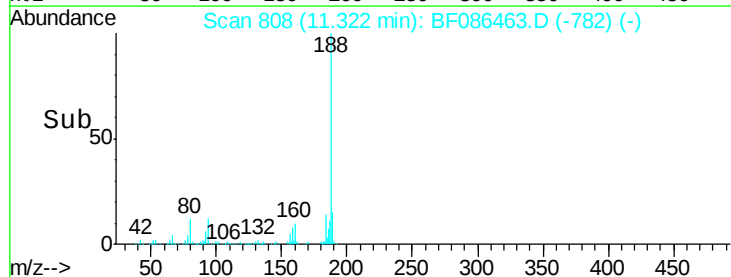
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	6.8	10.2#
80	12.4	7.1	10.7#

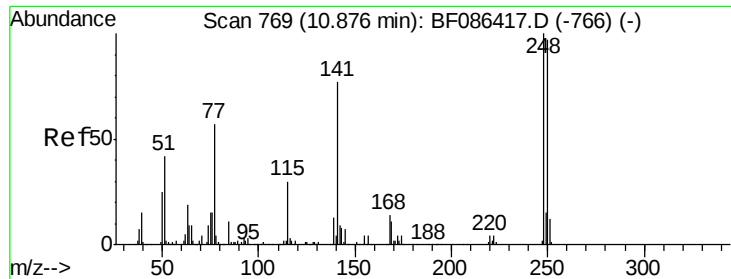


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

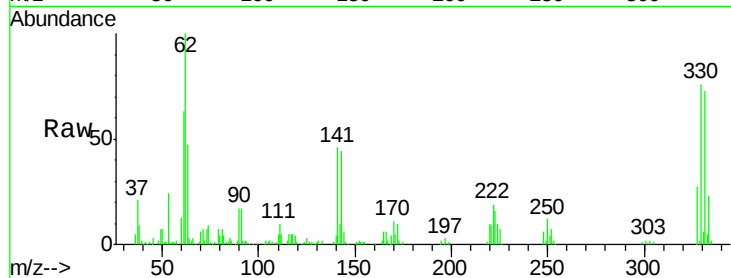




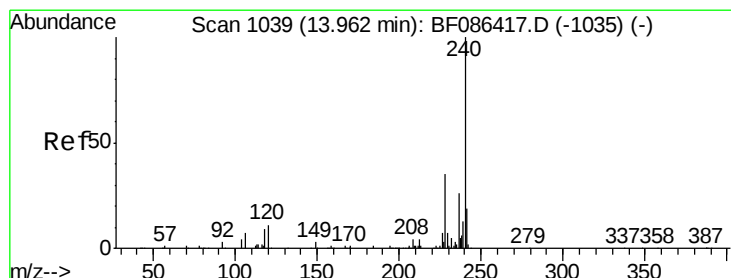
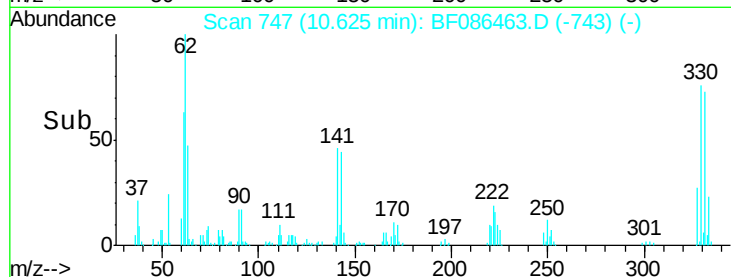
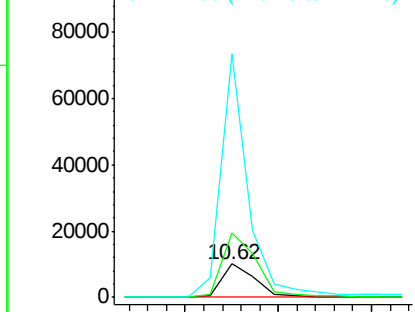
#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF086463.D
Acq: 28 Apr 2016 9:58

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB03(0.5-10.0)

Tot Ion:248 Resp: 12189
Ion Ratio Lower Upper
248 100
250 194.1 78.6 117.8#
141 732.4 76.0 114.0#

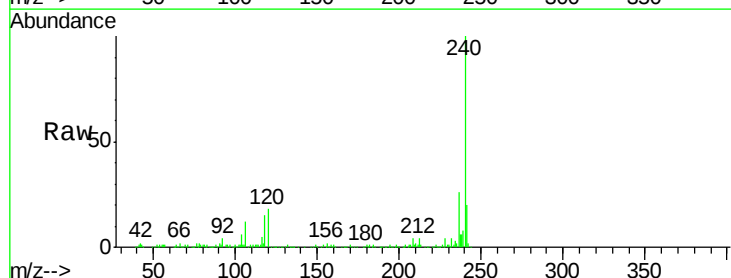


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

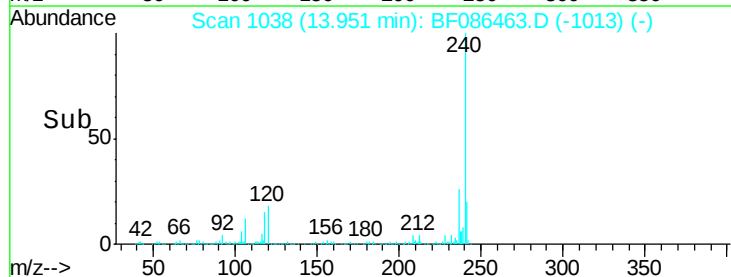
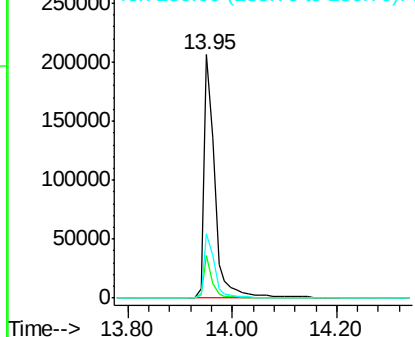


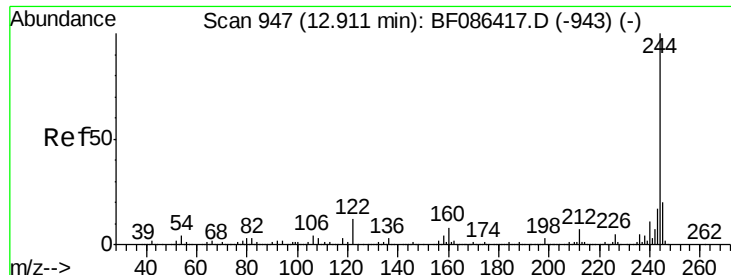
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF086463.D
Acq: 28 Apr 2016 9:58

Tgt Ion:240 Resp: 299921
Ion Ratio Lower Upper
240 100
120 17.7 11.2 16.8#
236 26.3 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: 66.24 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086463.D

Acq: 28 Apr 2016 9:58

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB03(0.5-10.0)

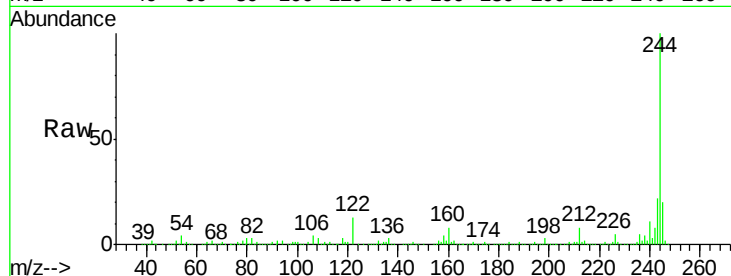
Tot Ion:244 Resp: 901699

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

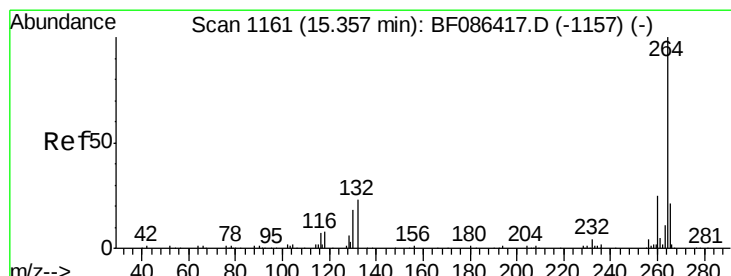
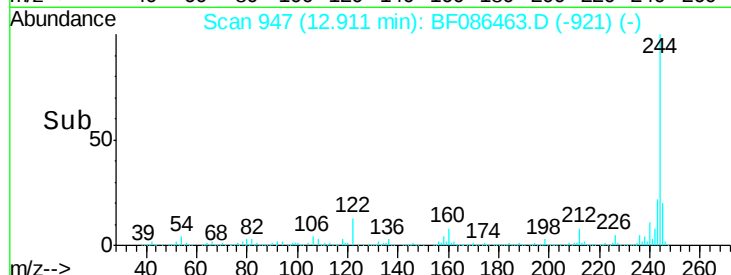
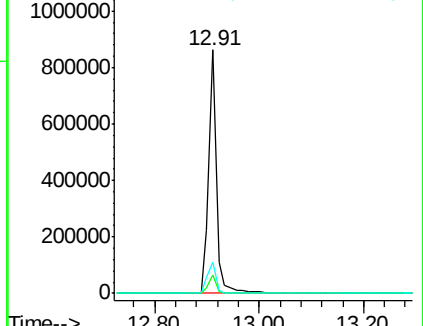
122 13.0 12.0 18.0



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: BF086463.D

Acq: 28 Apr 2016 9:58

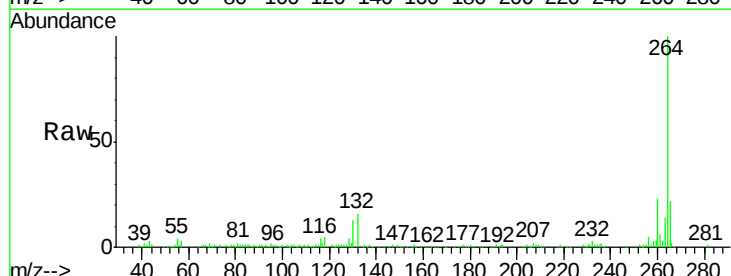
Tgt Ion:264 Resp: 213408

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.8 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

