

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085953.D
 Acq On : 1 Apr 2016 3:33
 Operator : UM/SJ
 Sample : H2046-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-34(0.5-15.0COMP)

Quant Time: Apr 01 03:16:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

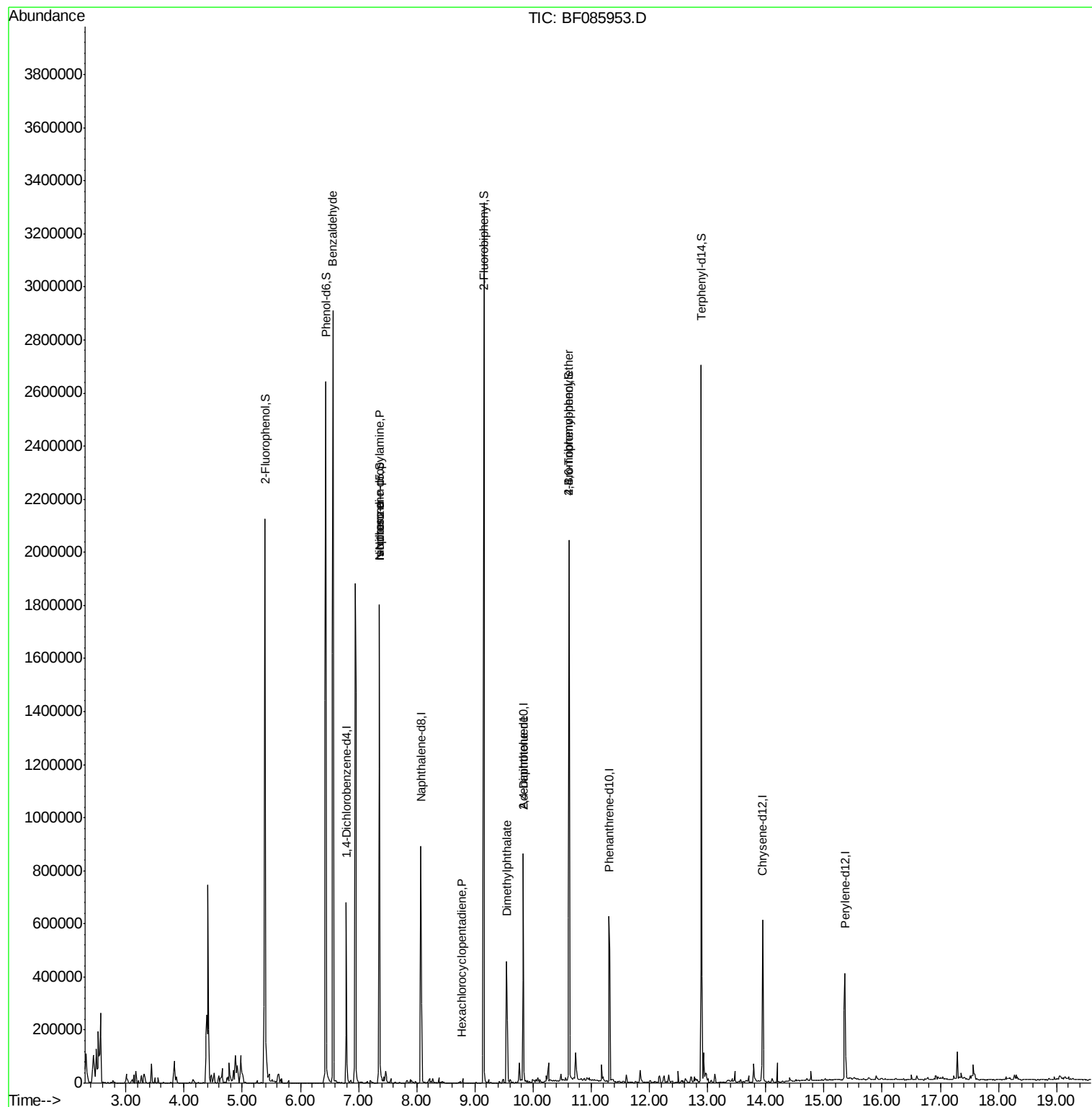
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110868	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	434827	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	187950	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	317549	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	203342	20.00	ng	-0.02
86) Perylene-d12	15.36	264	197986	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	946554	142.19	ng	0.00
7) Phenol-d6	6.44	99	1150803	135.96	ng	-0.01
23) Nitrobenzene-d5	7.36	82	784644	101.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	248447	139.13	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1214929	108.00	ng	-0.01
78) Terphenyl-d14	12.89	244	788682	79.77	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	21254	4.17	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	100909	19.91	ng	# 75
25) Isophorone	7.36	82	775467	52.13	ng	# 68
37) 2-Methylnaphthalene	8.79	142	734	Below Cal	#	15
40) Hexachlorocyclopentadiene	8.78	237	1208	9.65	ng	# 26
49) Dimethylphthalate	9.54	163	221234	15.51	ng	99
56) 2,4-Dinitrotoluene	9.83	165	24154	6.19	ng	# 36
66) 4-Bromophenyl-phenylether	10.62	248	17359	5.34	ng	# 1

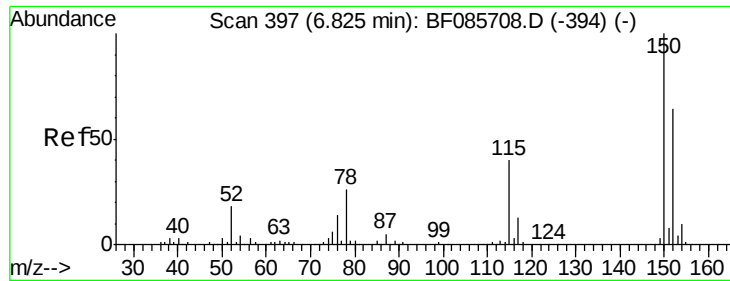
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-34(0.5-15.0COMP)

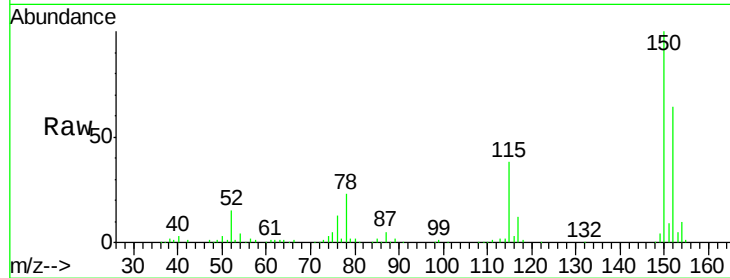
Tgt Ion:152 Resp: 110868

Ion Ratio Lower Upper

152 100

150 156.4 124.2 186.2

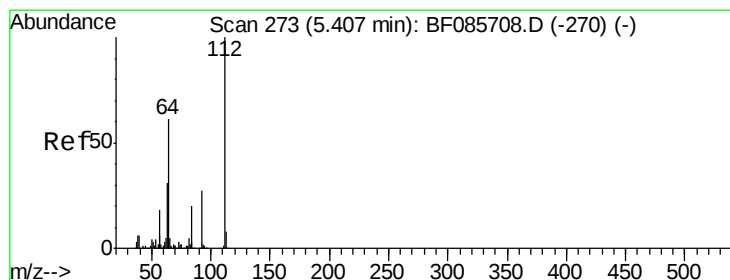
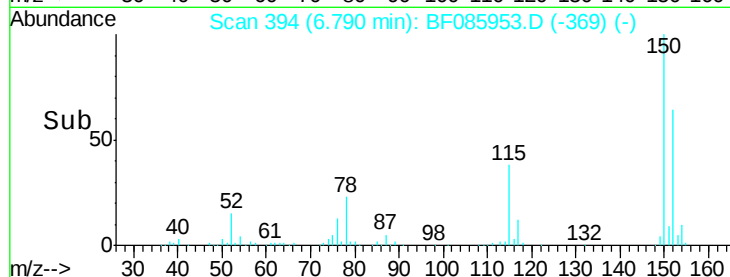
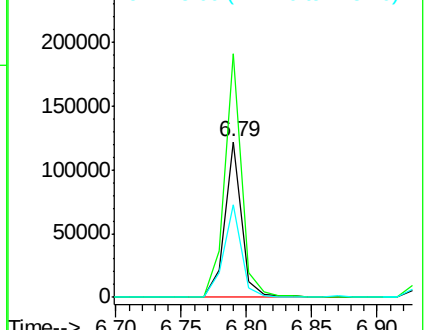
115 59.3 47.0 70.6



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: 142.19 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

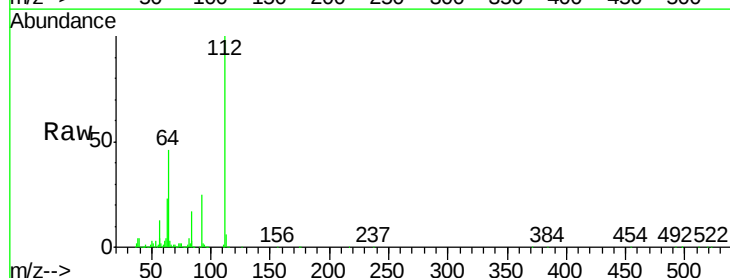
Tgt Ion:112 Resp: 946554

Ion Ratio Lower Upper

112 100

64 45.6 39.9 59.9

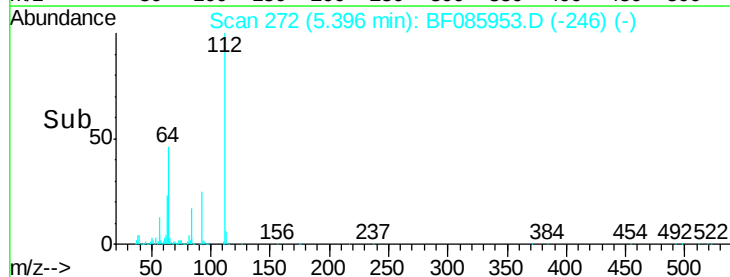
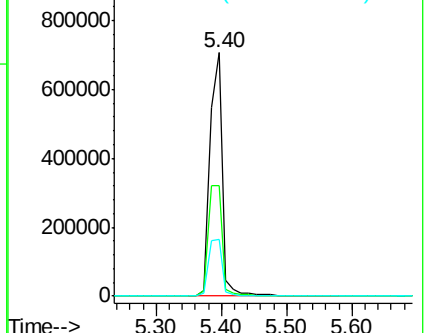
63 23.1 20.2 30.2



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: 135.96 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-34(0.5-15.0COMP)

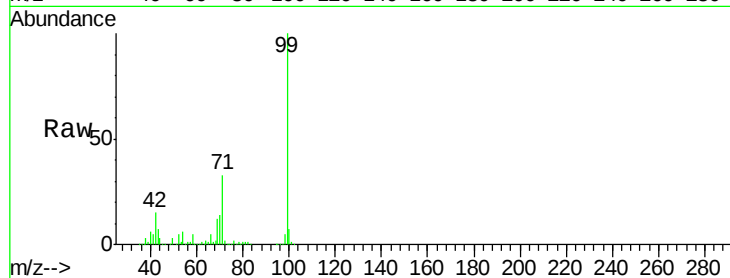
Tgt Ion: 99 Resp: 1150803

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

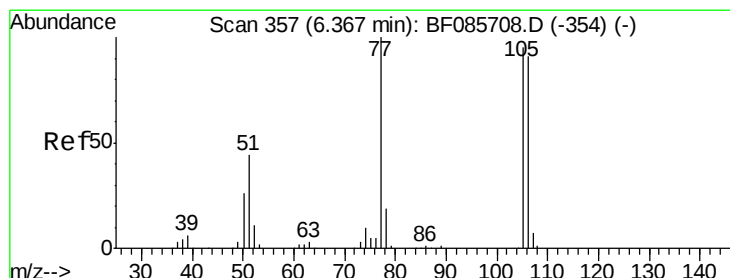
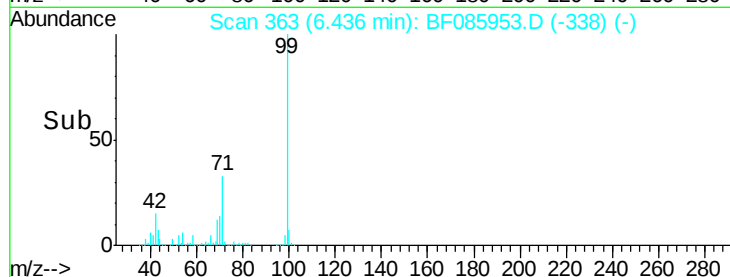
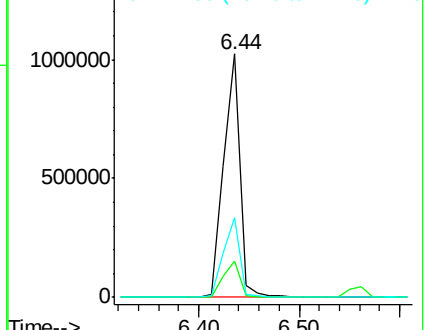
71 33.0 24.9 37.3



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



#9

Benzaldehyde

Concen: 4.17 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

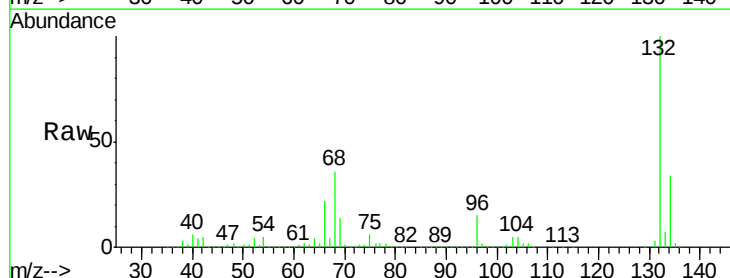
Tgt Ion: 77 Resp: 21254

Ion Ratio Lower Upper

77 100

105 91.0 80.1 120.1

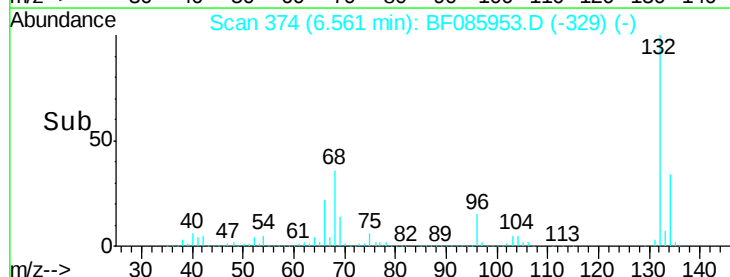
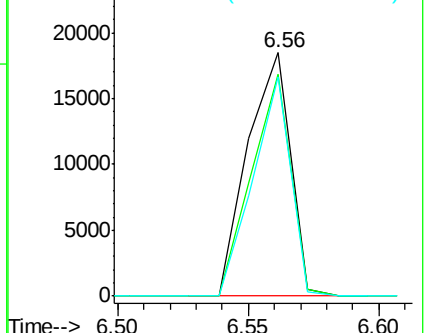
106 90.3 75.0 115.0

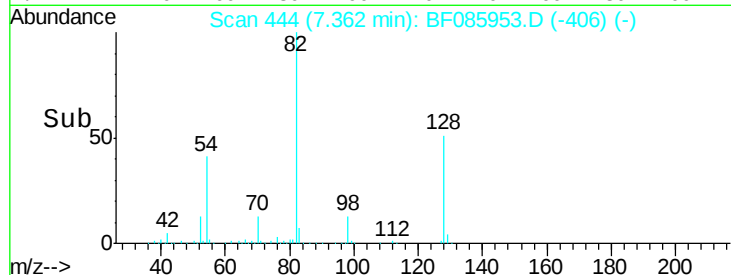
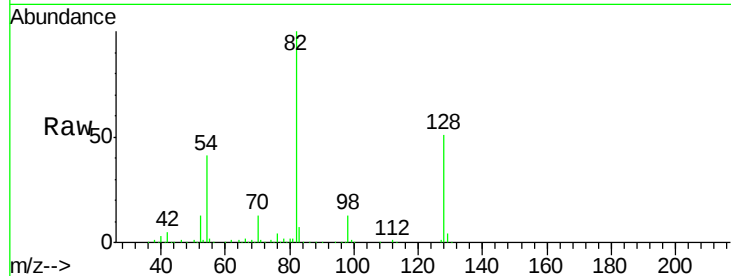
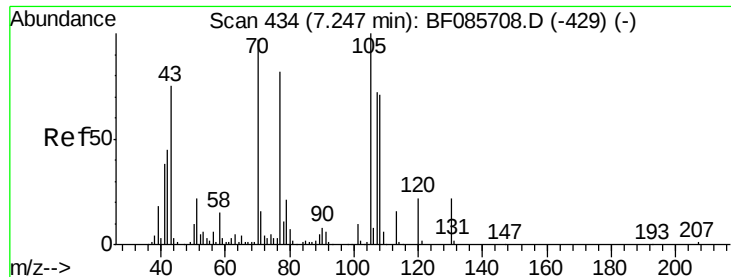


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

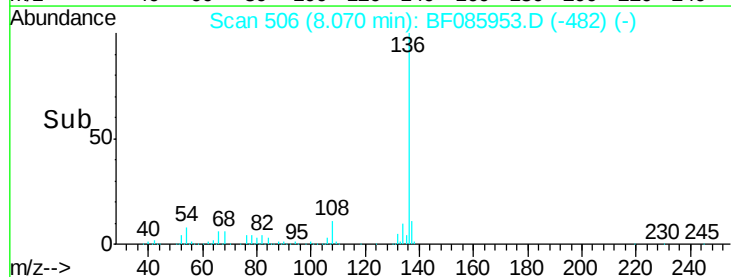
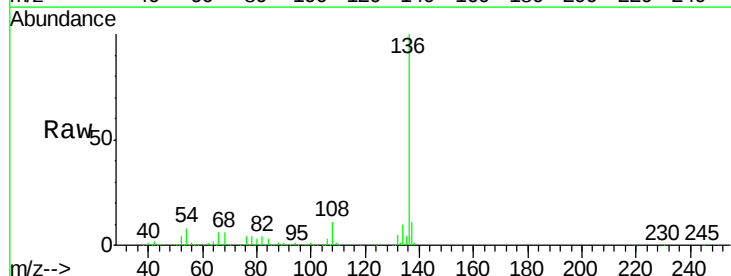
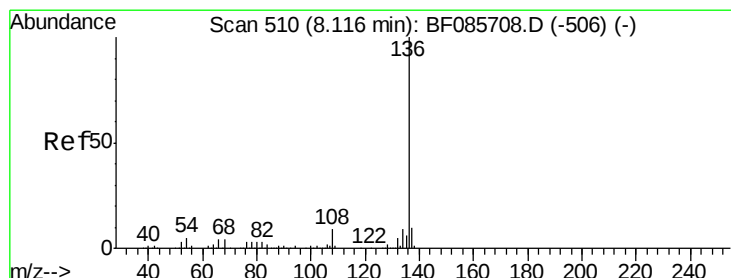
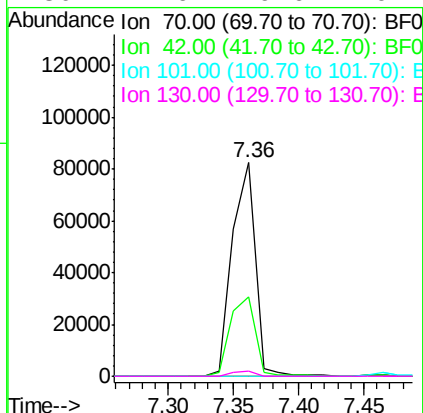




#19
n-Nitroso-di-n-propylamine
Concen: 19.91 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085953.D
Acq: 1 Apr 2016 3:33

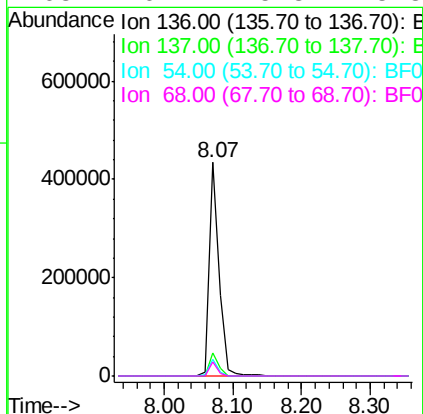
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-34(0.5-15.0COMP)

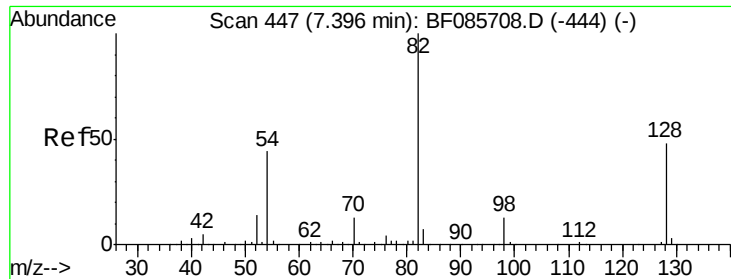
Tgt Ion:	70	Resp:	100909
Ion	Ratio	Lower	Upper
70	100		
42	37.1	37.1	55.7
101	0.0	8.6	12.8#
130	2.6	19.6	29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085953.D
Acq: 1 Apr 2016 3:33

Tgt Ion:	136	Resp:	434827
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.1	7.4	11.0
68	6.4	5.8	8.8

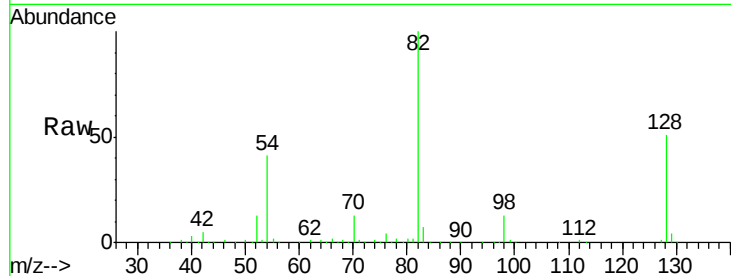




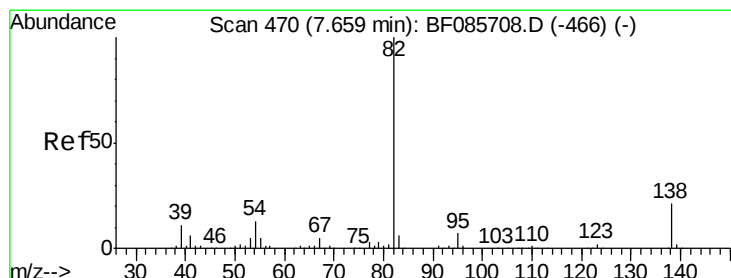
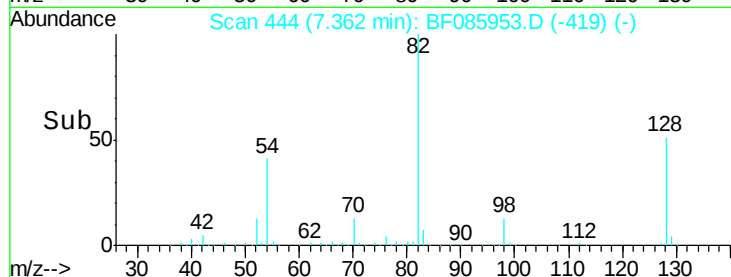
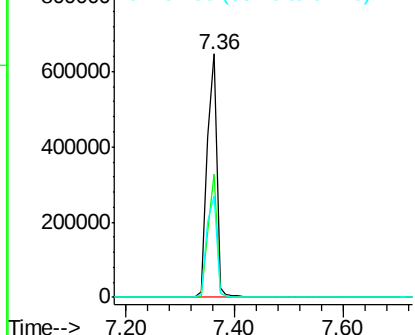
#23
 Nitrobenzene-d5
 Concen: 101.62 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085953.D
 Acq: 1 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-34(0.5-15.0COMP)

Tgt Ion: 82 Resp: 784644
 Ion Ratio Lower Upper
 82 100
 128 50.7 41.8 62.8
 54 41.5 33.4 50.0

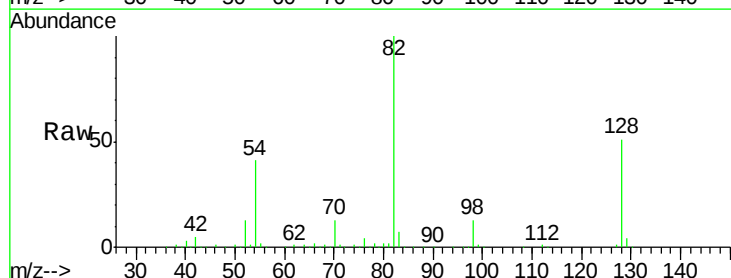


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

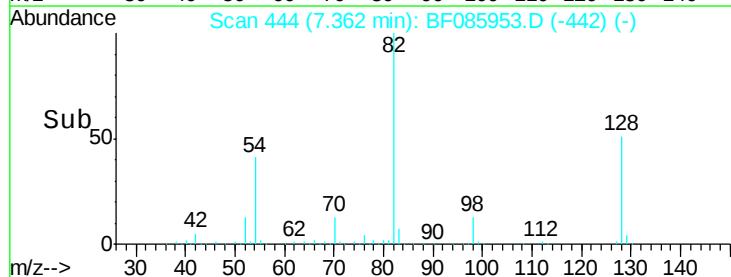
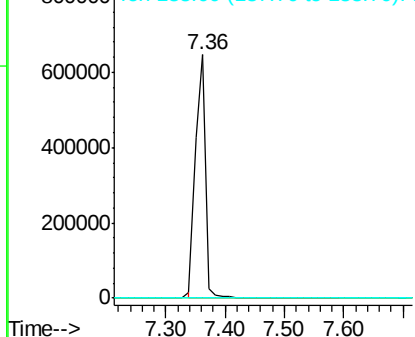


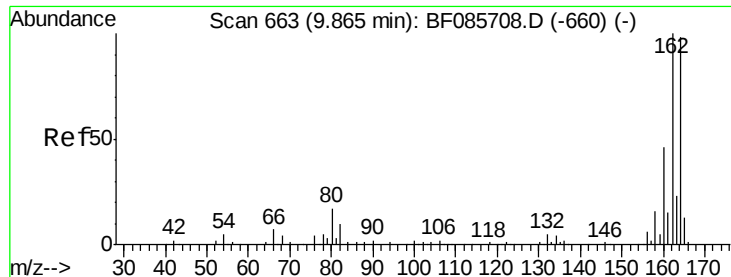
#25
 Isophorone
 Concen: 52.13 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085953.D
 Acq: 1 Apr 2016 3:33

Tgt Ion: 82 Resp: 775467
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-34(0.5-15.0COMP)

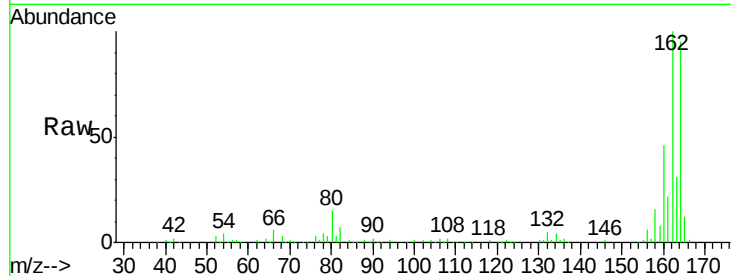
Tgt Ion:164 Resp: 187950

Ion Ratio Lower Upper

164 100

162 105.7 82.1 123.1

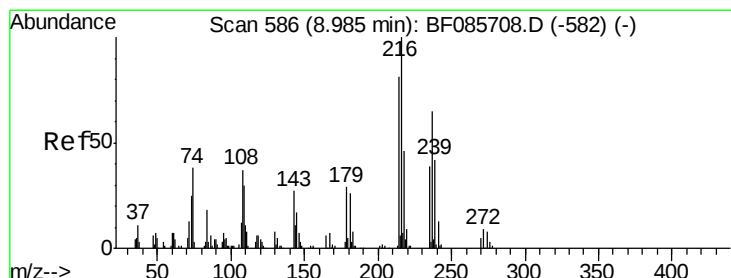
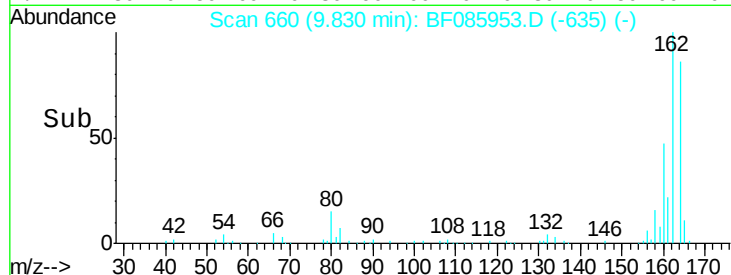
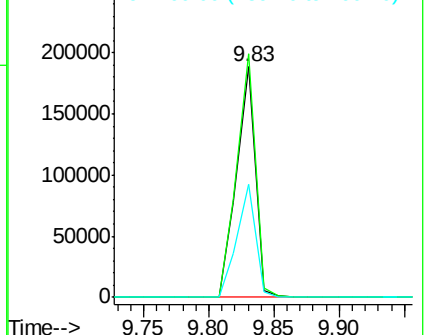
160 48.9 37.4 56.2



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



#40

Hexachlorocyclopentadiene

Concen: 9.65 ng

RT: 8.78 min Scan# 568

Delta R.T. -0.17 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

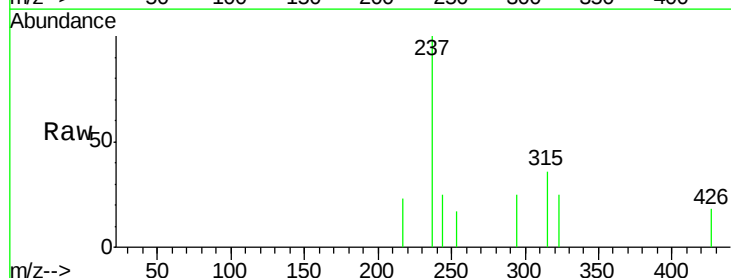
Tgt Ion:237 Resp: 1208

Ion Ratio Lower Upper

237 100

235 0.0 43.7 83.7#

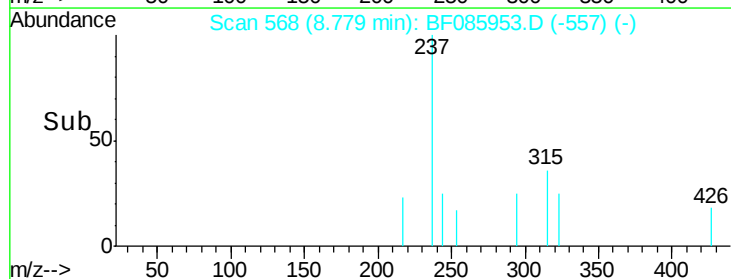
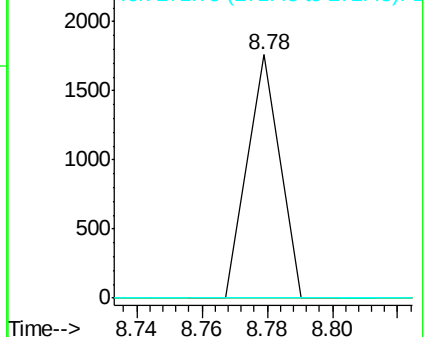
272 0.0 0.0 31.9

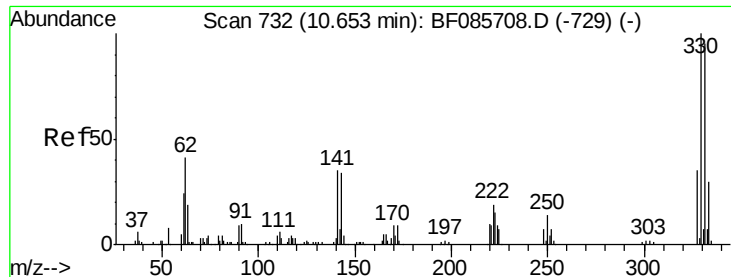


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

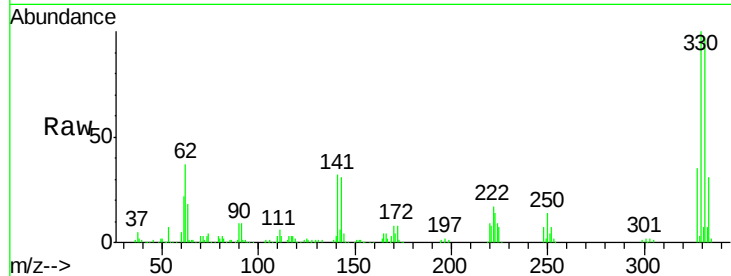




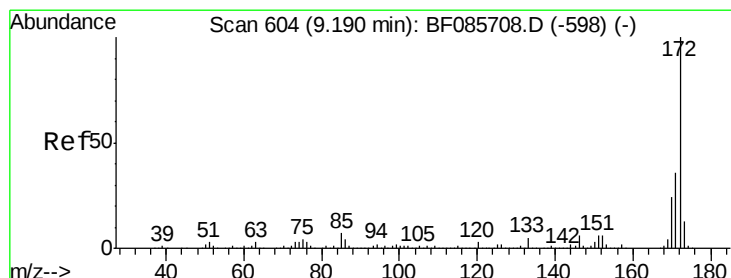
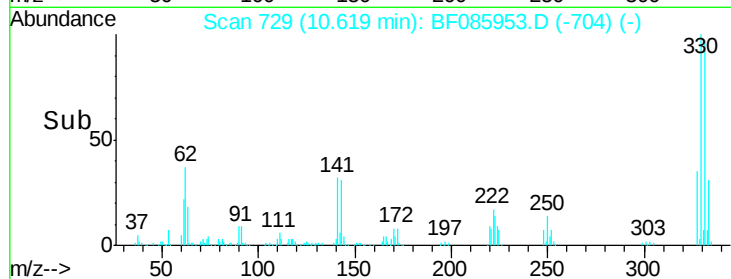
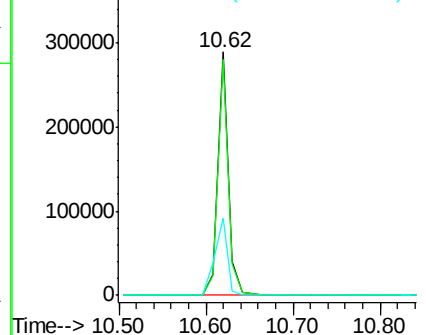
#41
 2,4,6-Tribromophenol
 Concen: 139.13 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085953.D
 Acq: 1 Apr 2016 3:33

Instrument :
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 AMBOY-SB-34(0.5-15.0COMP)

Tgt Ion:330 Resp: 248447
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 38.0 31.5 47.3

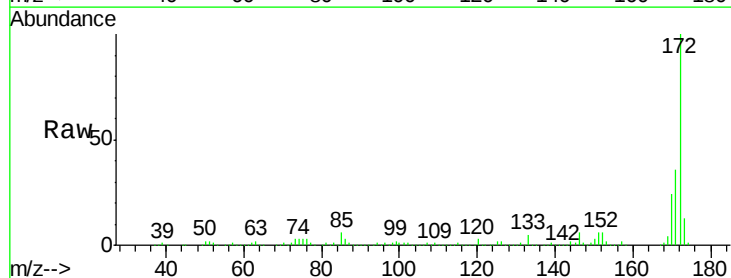


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

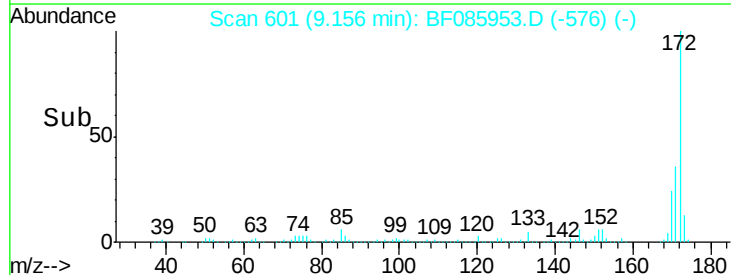
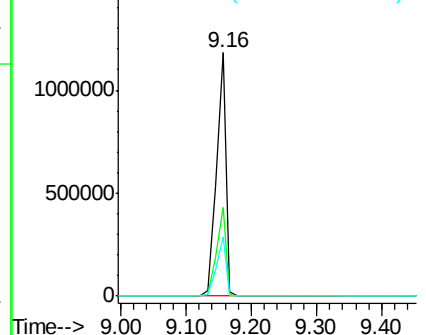


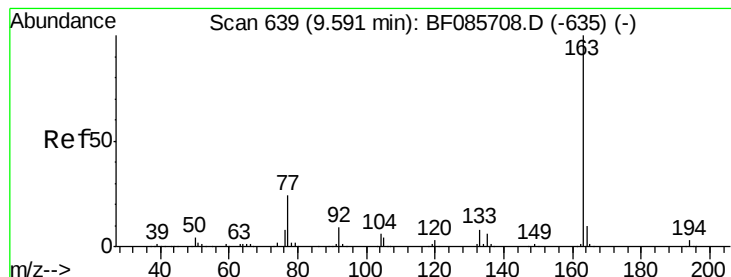
#44
 2-Fluorobiphenyl
 Concen: 108.00 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085953.D
 Acq: 1 Apr 2016 3:33

Tgt Ion:172 Resp: 1214929
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.4 19.8 29.6



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: 15.51 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-34(0.5-15.0COMP)

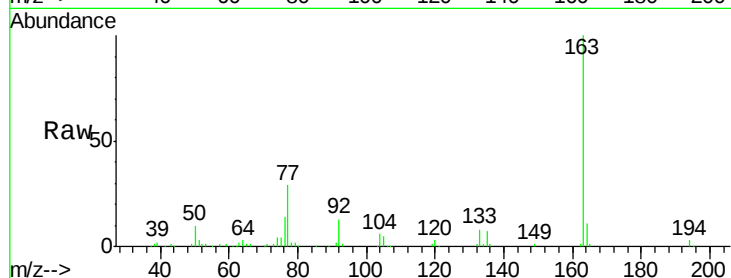
Tgt Ion:163 Resp: 221234

Ion Ratio Lower Upper

163 100

194 3.0 2.9 4.3

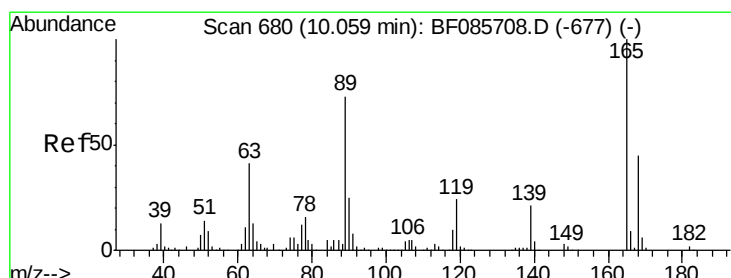
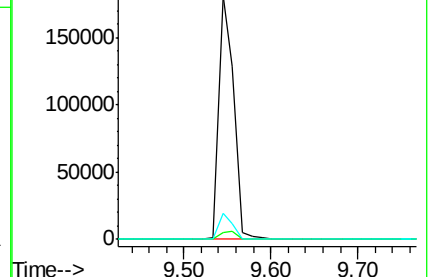
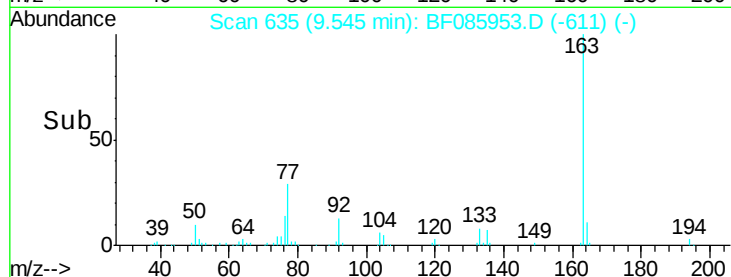
164 10.6 8.3 12.5



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: 6.19 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.21 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

Tgt Ion:165 Resp: 24154

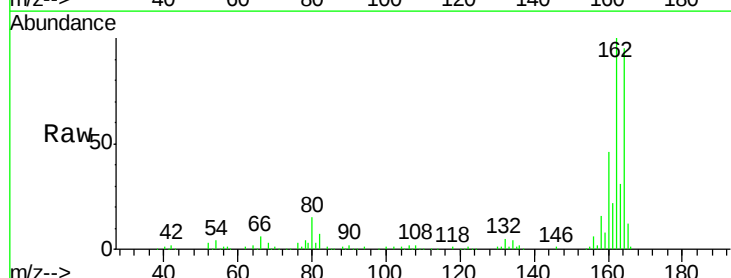
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.8 41.0 61.6#

182 0.0 2.1 3.1#

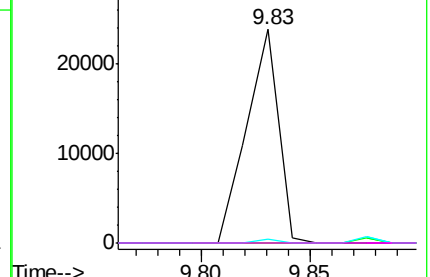
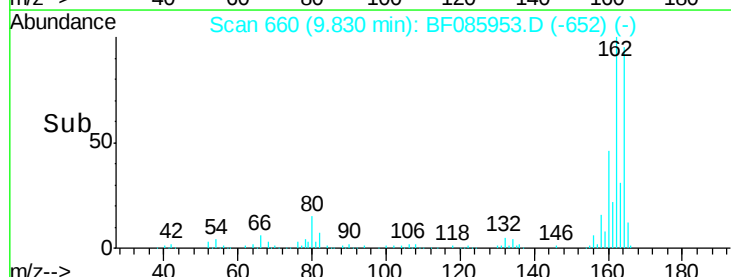


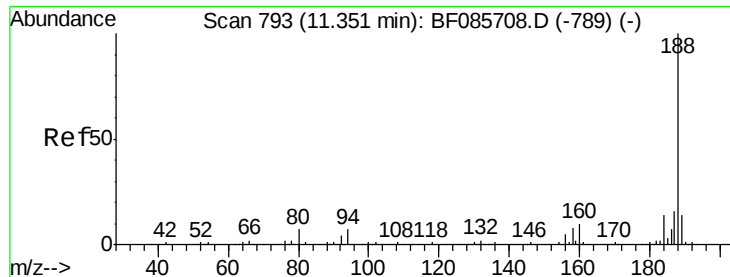
Abundance Ion 165.00 (164.70 to 165.70): E

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

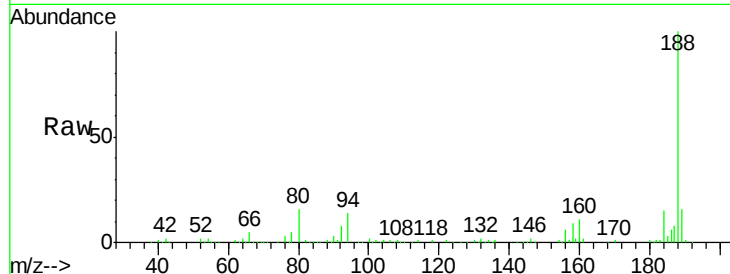




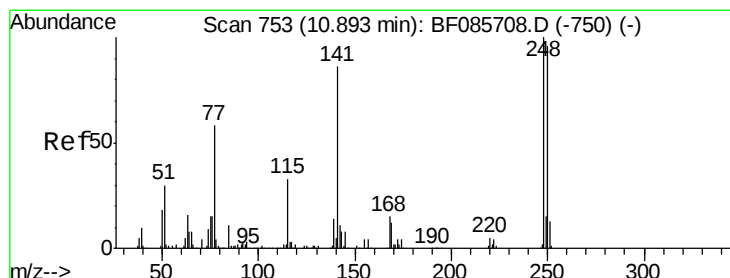
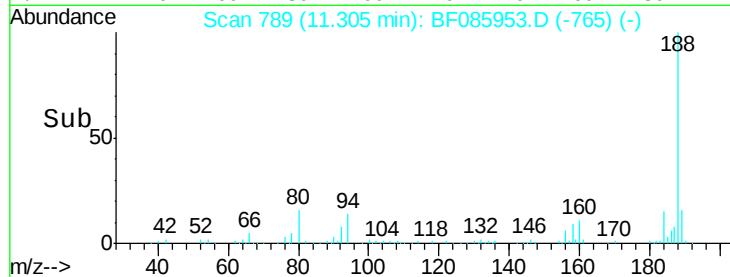
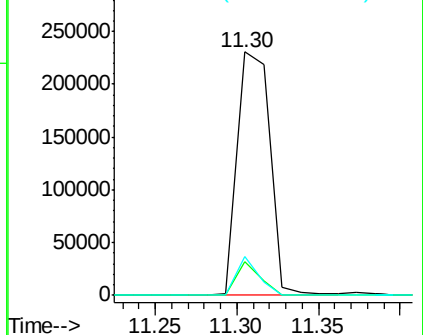
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF085953.D
 Acq: 1 Apr 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-34(0.5-15.0COMP)

Tgt Ion:188 Resp: 317549
 Ion Ratio Lower Upper
 188 100
 94 13.7 5.4 8.0#
 80 16.0 5.5 8.3#

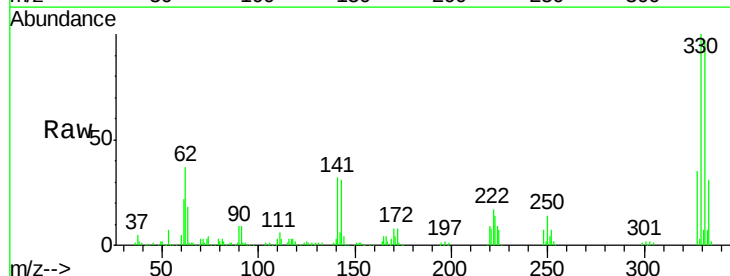


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

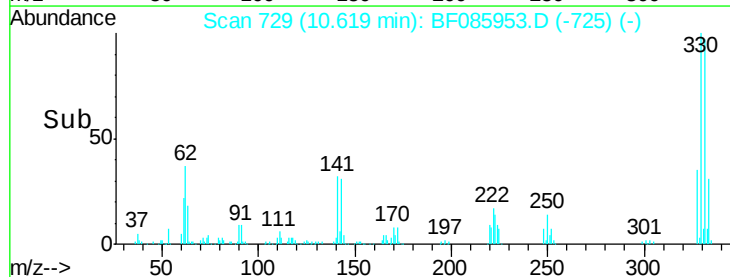
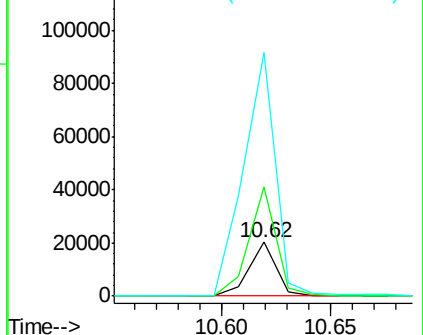


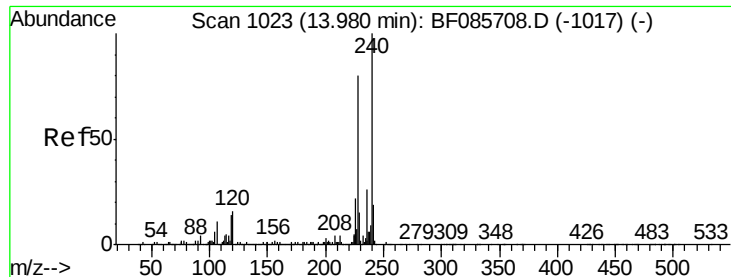
#66
 4-Bromophenyl-phenylether
 Concen: 5.34 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.25 min
 Lab File: BF085953.D
 Acq: 1 Apr 2016 3:33

Tgt Ion:248 Resp: 17359
 Ion Ratio Lower Upper
 248 100
 250 202.8 77.4 116.0#
 141 452.6 63.6 95.4#



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# 1020

Delta R.T. -0.02 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

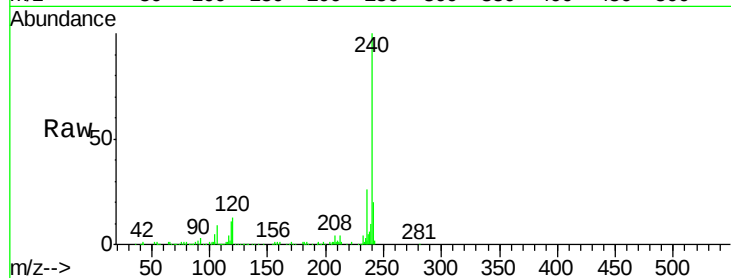
Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-34(0.5-15.0COMP)

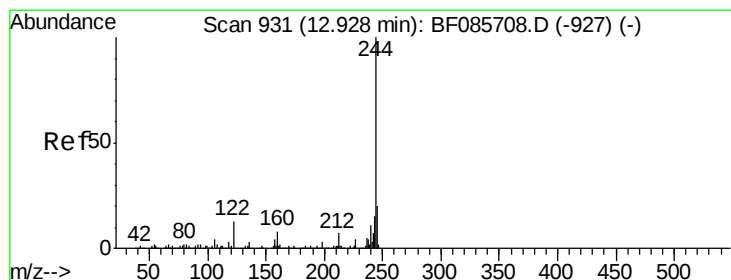
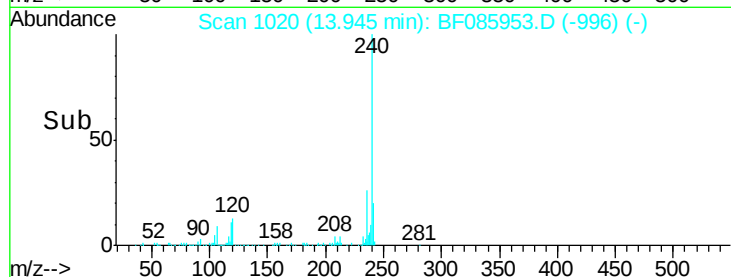
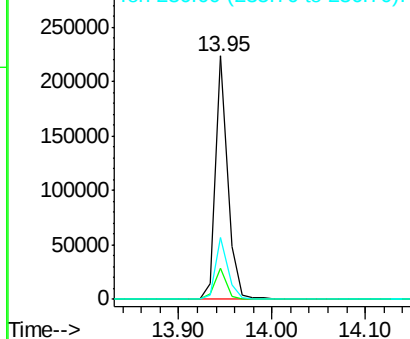
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	13.8	20.8#
236	25.6	20.6	30.8



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: 79.77 ng

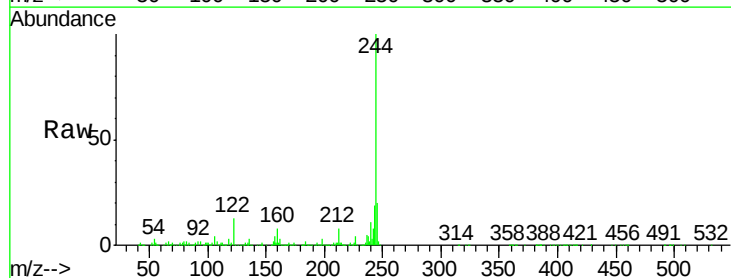
RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

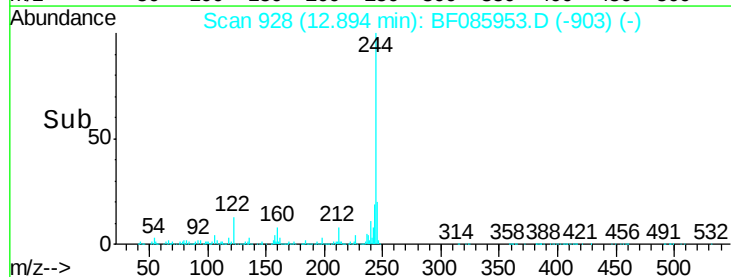
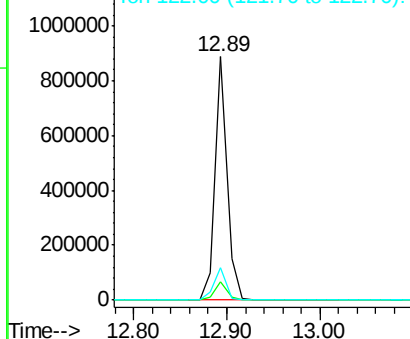
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.2	10.2	15.4

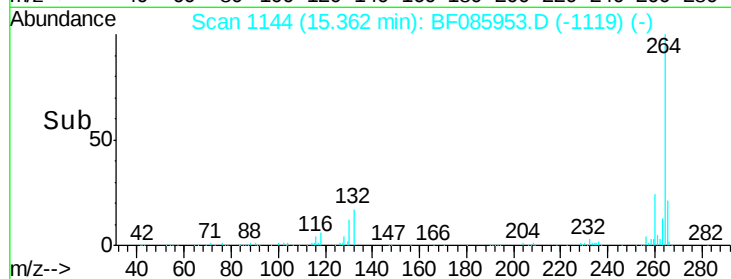
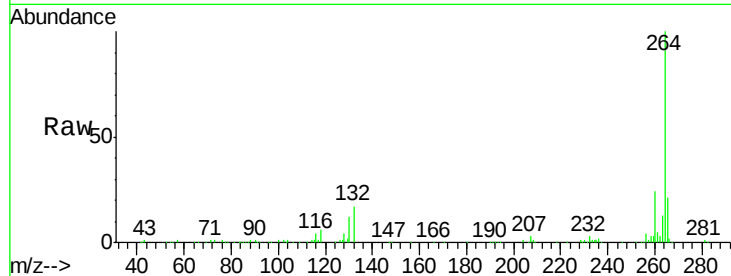
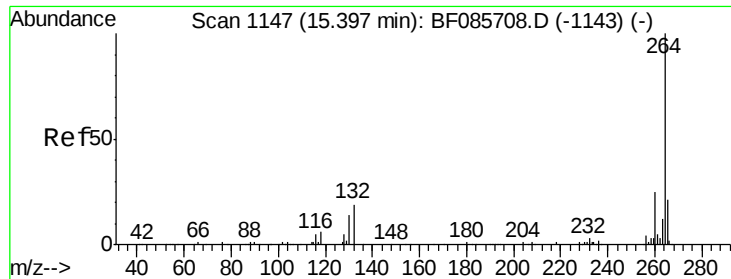


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF085953.D

Acq: 1 Apr 2016 3:33

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-34(0.5-15.0COMP)

Tgt Ion:264 Resp: 197986

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 20.7 17.2 25.8

