

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085952.D
 Acq On : 1 Apr 2016 3:04
 Operator : UM/SJ
 Sample : H2046-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-35(0.5-15.0COMP)

Quant Time: Apr 01 02:33:08 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

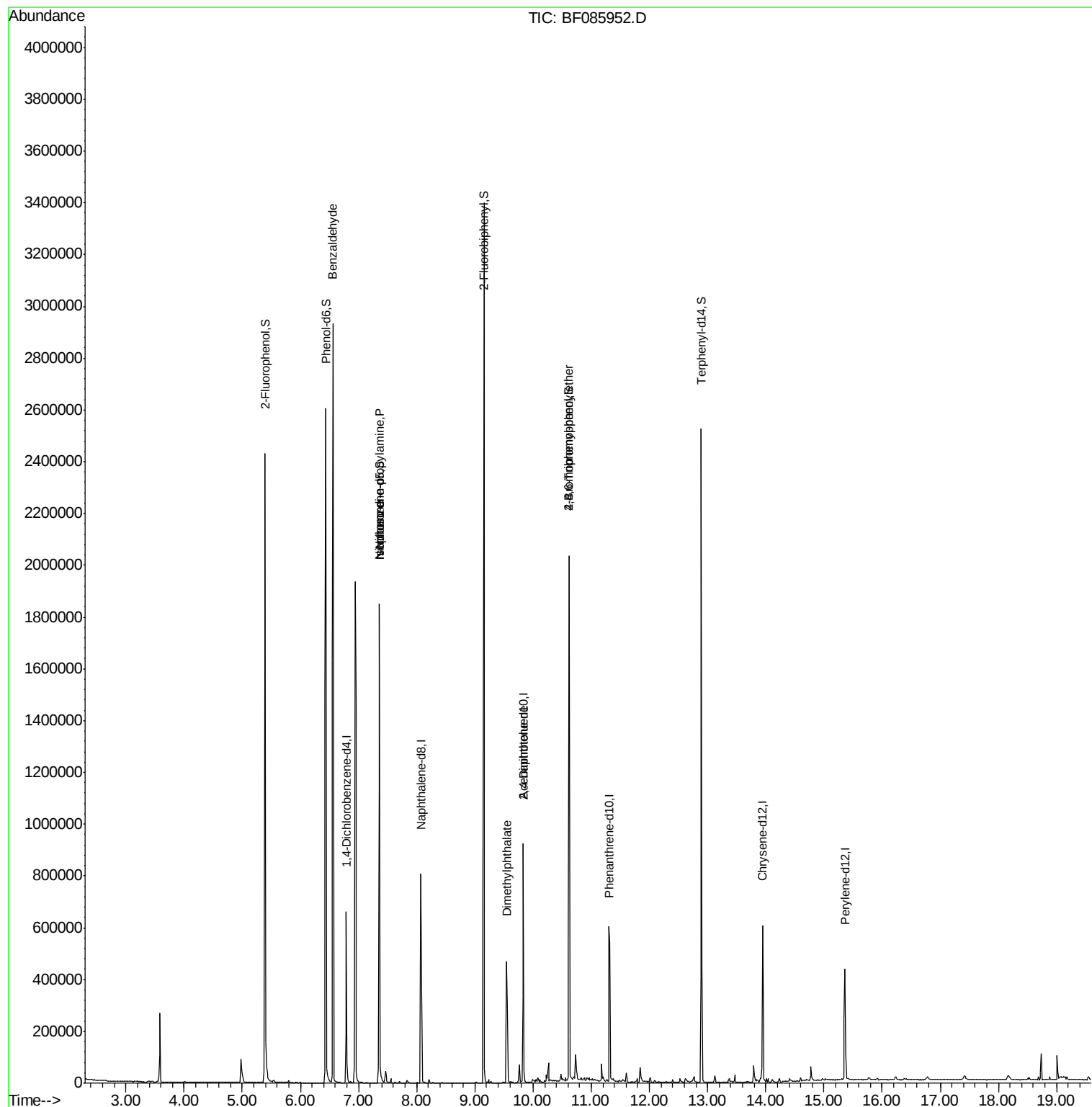
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111411	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	426597	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	192228	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	320151	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	199898	20.00	ng	-0.02
86) Perylene-d12	15.36	264	200641	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	977528	146.13	ng	0.00
7) Phenol-d6	6.44	99	1154499	135.74	ng	-0.01
23) Nitrobenzene-d5	7.36	82	786893	103.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	239528	131.15	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1189285	103.37	ng	-0.01
78) Terphenyl-d14	12.89	244	767472	78.96	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	21828	4.26	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.36	70	103788	20.38	ng	# 74
25) Isophorone	7.36	82	770733	52.82	ng	# 68
49) Dimethylphthalate	9.54	163	243608	16.70	ng	# 99
56) 2,4-Dinitrotoluene	9.83	165	24385	6.11	ng	# 37
66) 4-Bromophenyl-phenylether	10.62	248	16725	5.11	ng	# 1

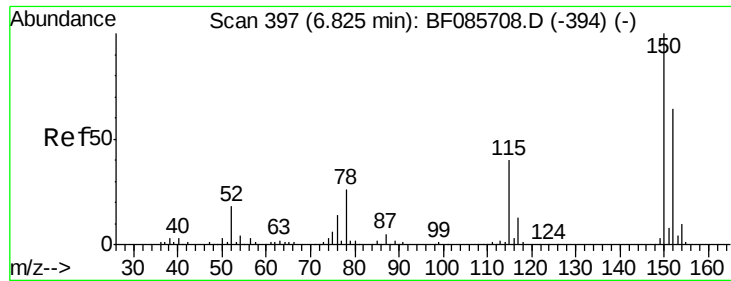
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085952.D
Acq On : 1 Apr 2016 3:04
Operator : UM/SJ
Sample : H2046-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-35(0.5-15.0COMP)

Quant Time: Apr 01 02:33:08 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085952.D

Acq: 1 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-35(0.5-15.0COMP)

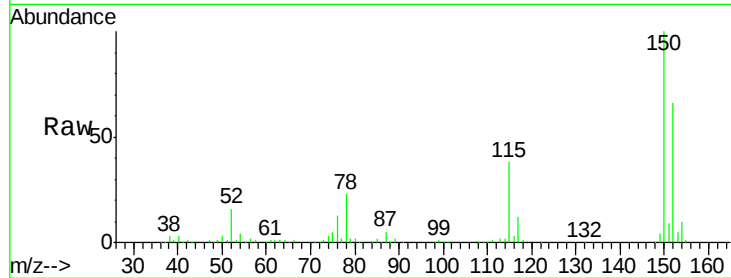
Tgt Ion:152 Resp: 111411

Ion Ratio Lower Upper

152 100

150 152.4 124.2 186.2

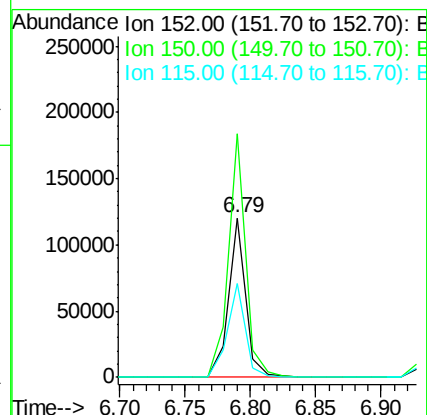
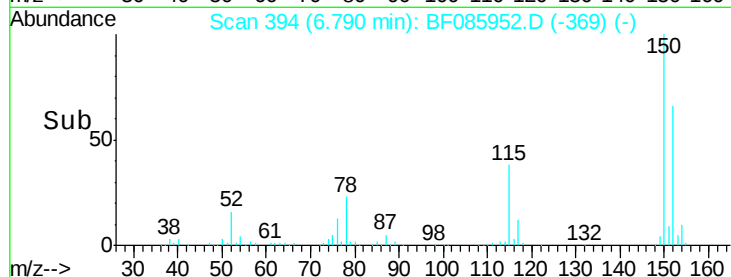
115 58.6 47.0 70.6



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: 146.13 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085952.D

Acq: 1 Apr 2016 3:04

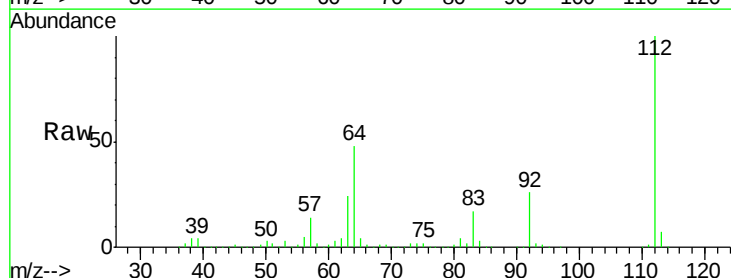
Tgt Ion:112 Resp: 977528

Ion Ratio Lower Upper

112 100

64 48.0 39.9 59.9

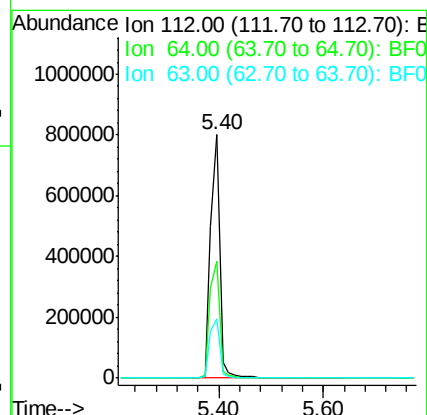
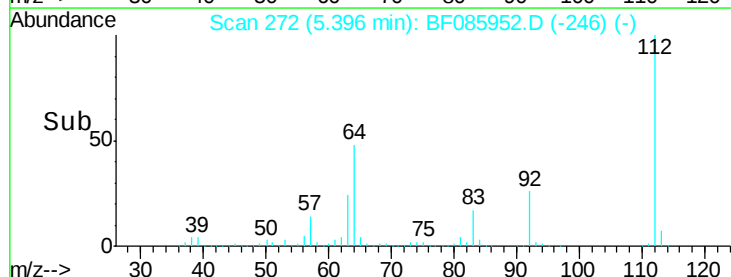
63 24.4 20.2 30.2



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: 135.74 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085952.D

Acq: 1 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-35(0.5-15.0COMP)

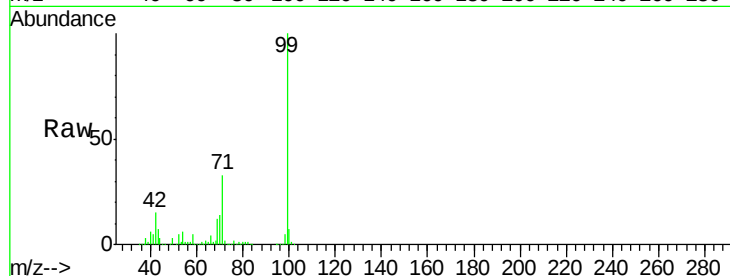
Tgt Ion: 99 Resp: 1154499

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

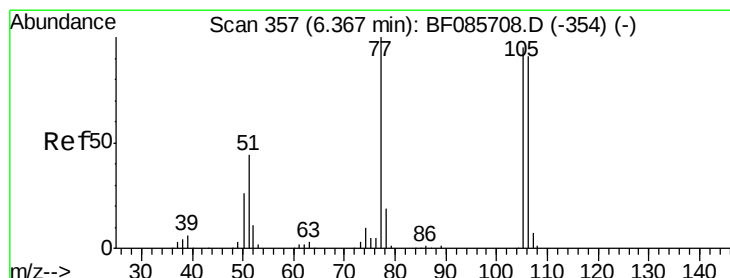
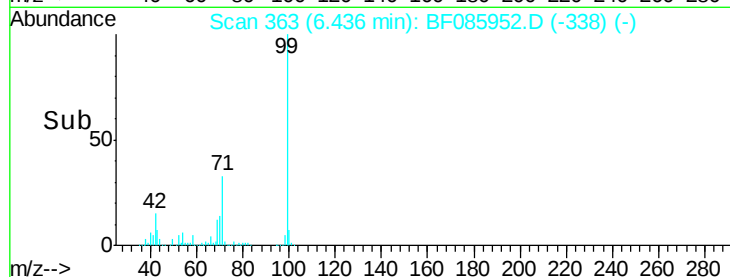
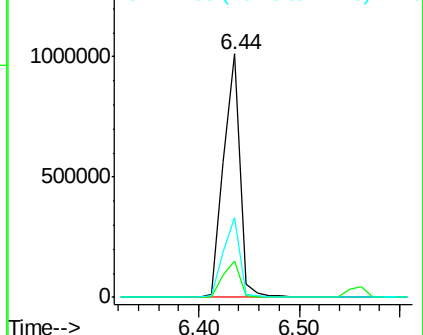
71 32.8 24.9 37.3



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: 4.26 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085952.D

Acq: 1 Apr 2016 3:04

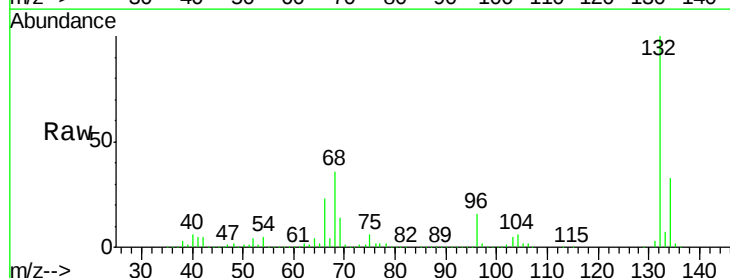
Tgt Ion: 77 Resp: 21828

Ion Ratio Lower Upper

77 100

105 86.9 80.1 120.1

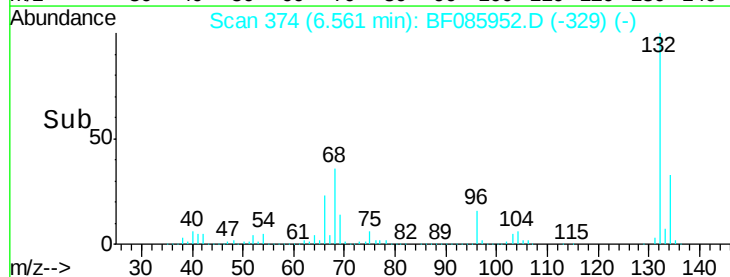
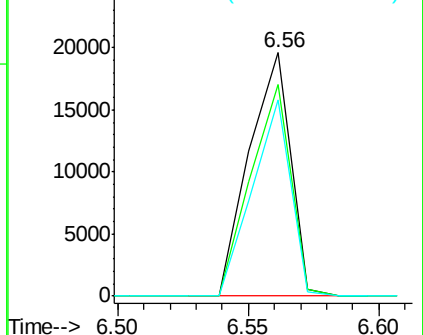
106 80.7 75.0 115.0

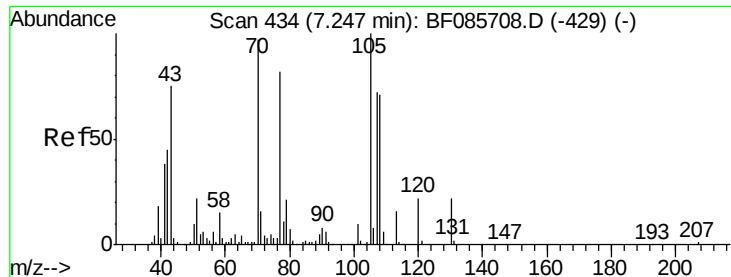


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 20.38 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085952.D

Acq: 1 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-35(0.5-15.0COMP)

Tgt Ion: 70 Resp: 103788

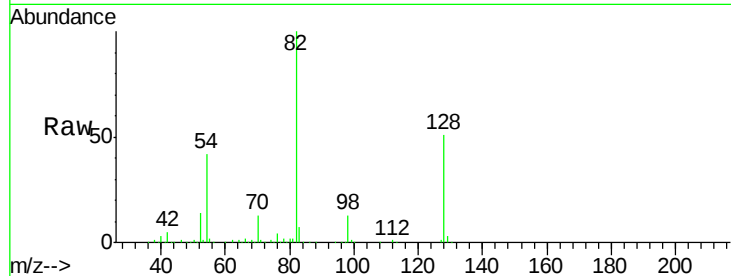
Ion Ratio Lower Upper

70 100

42 36.1 37.1 55.7#

101 0.0 8.6 12.8#

130 2.6 19.6 29.4#

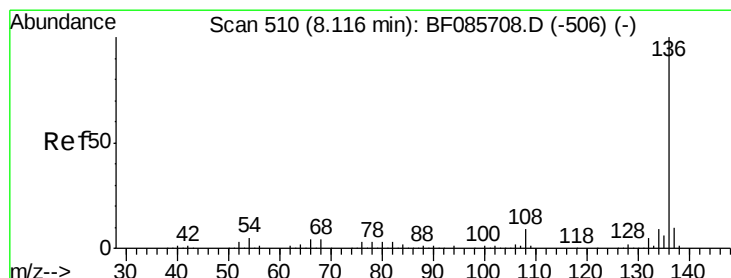
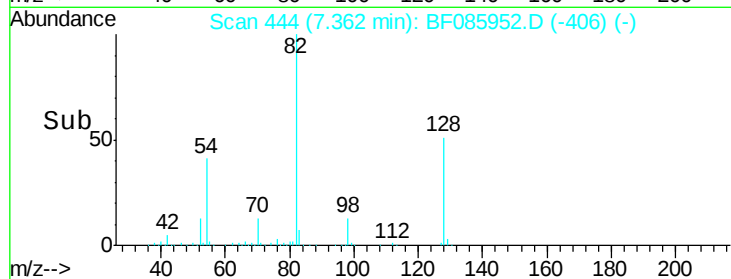
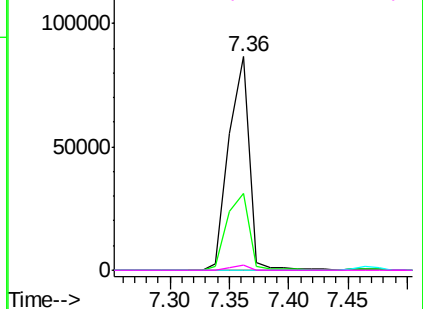


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085952.D

Acq: 1 Apr 2016 3:04

Tgt Ion: 136 Resp: 426597

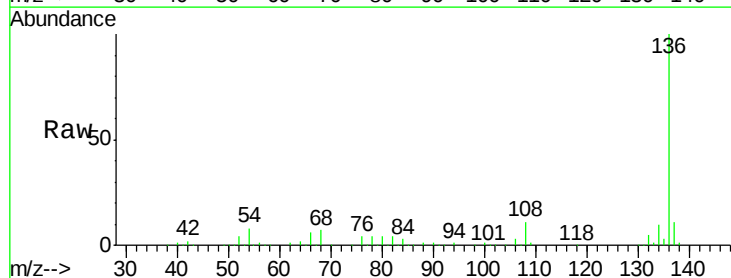
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.4 7.4 11.0

68 6.6 5.8 8.8

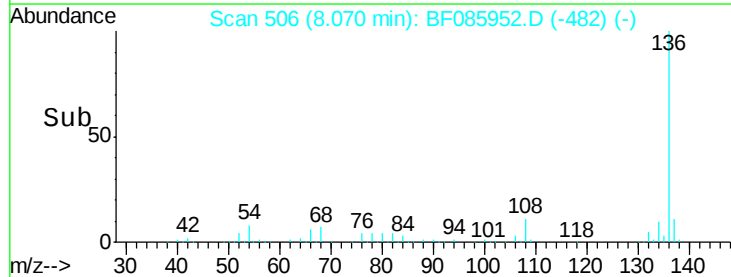
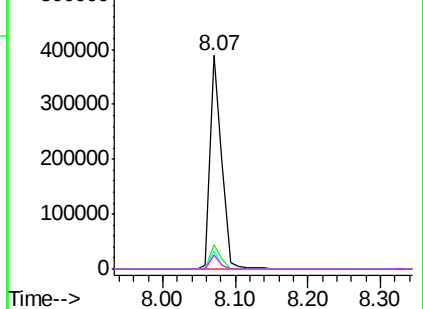


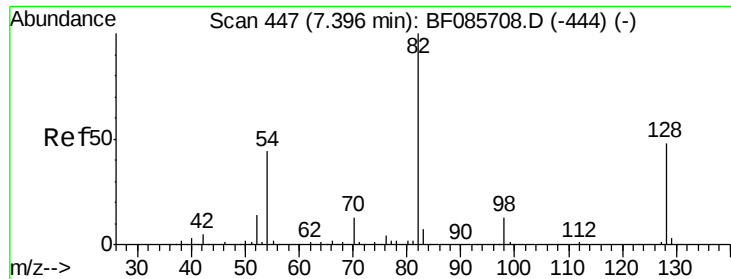
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

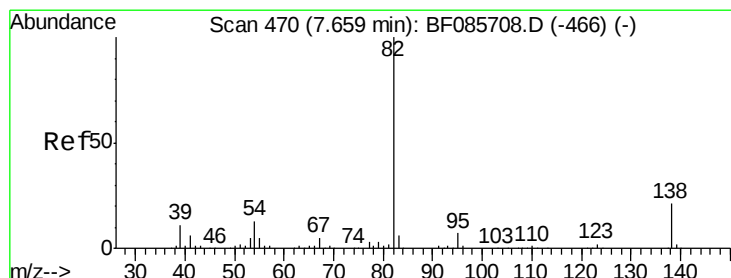
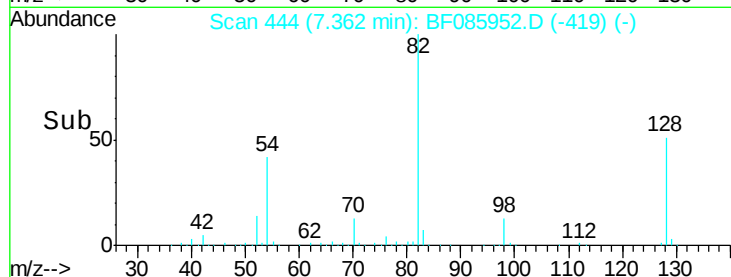
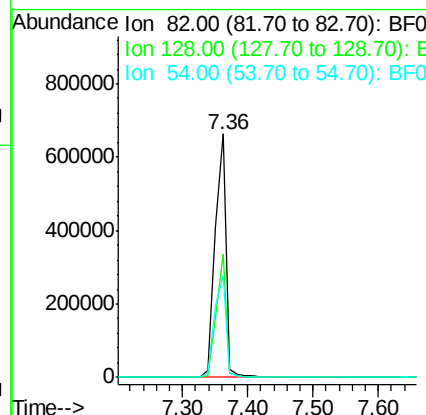
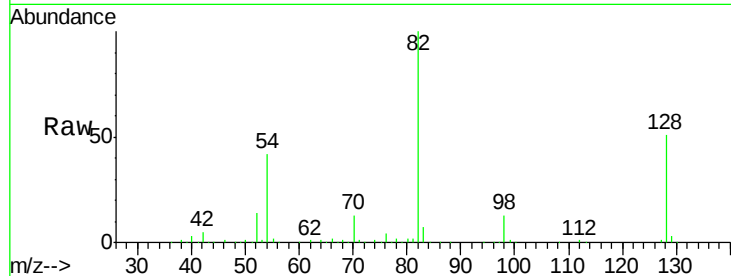




#23
 Nitrobenzene-d5
 Concen: 103.87 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085952.D
 Acq: 1 Apr 2016 3:04

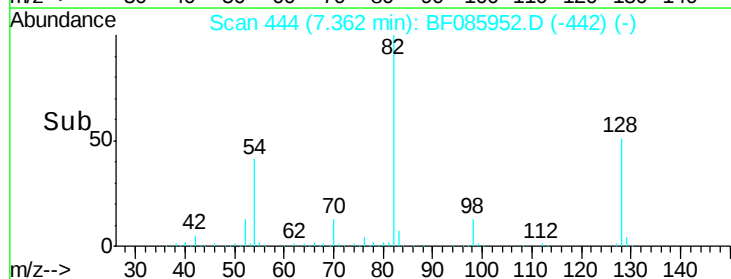
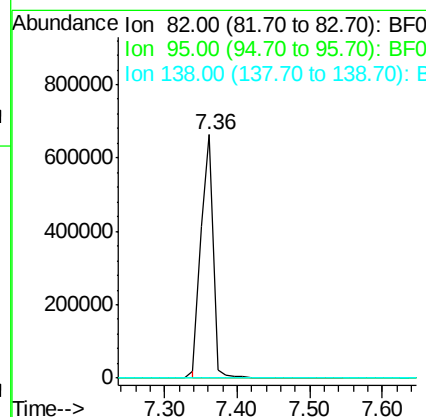
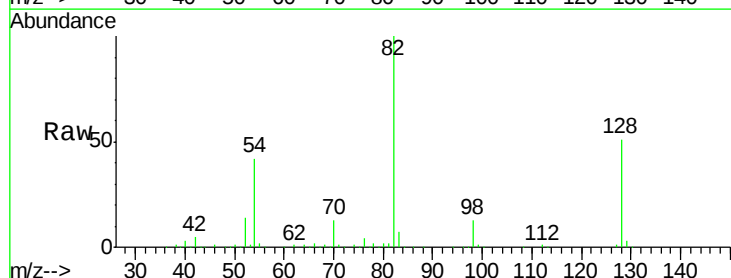
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-35(0.5-15.0COMP)

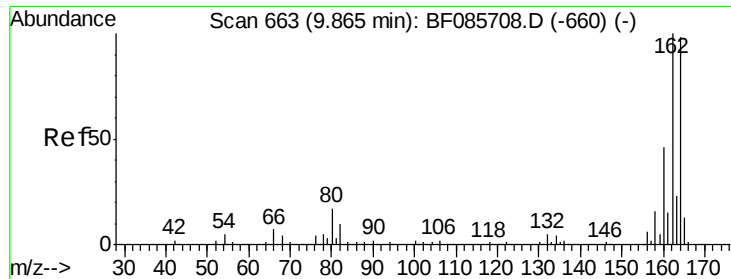
Tgt Ion: 82 Resp: 786893
 Ion Ratio Lower Upper
 82 100
 128 50.6 41.8 62.8
 54 41.6 33.4 50.0



#25
 Isophorone
 Concen: 52.82 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085952.D
 Acq: 1 Apr 2016 3:04

Tgt Ion: 82 Resp: 770733
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#

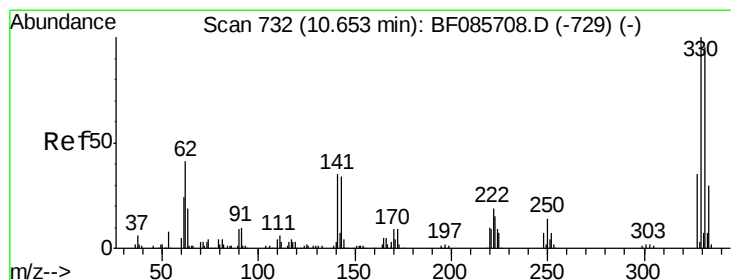
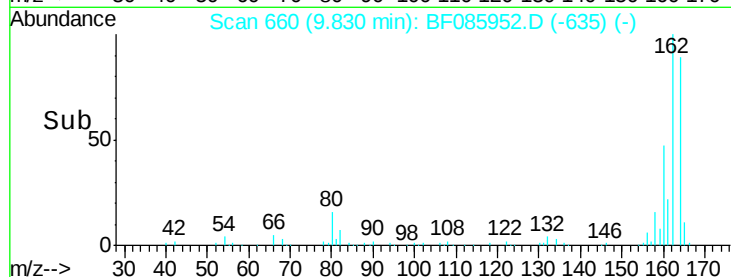
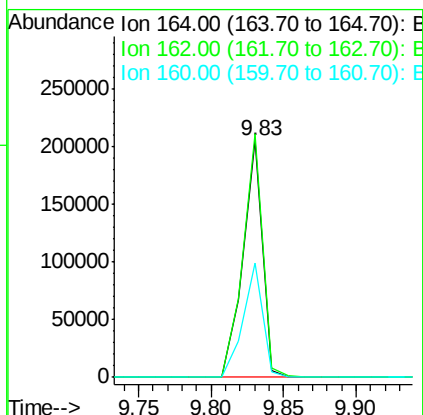
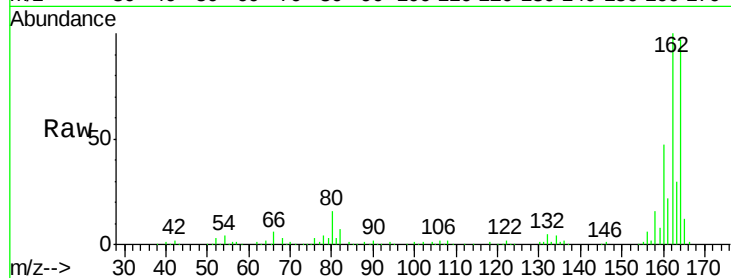




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085952.D
 Acq: 1 Apr 2016 3:04

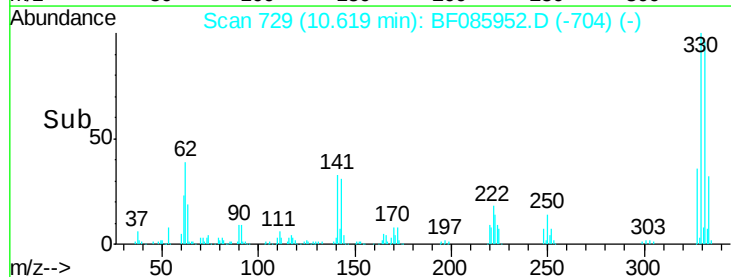
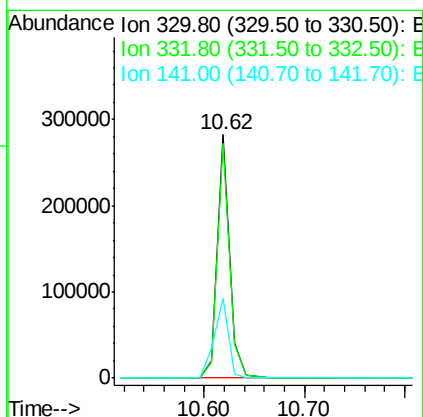
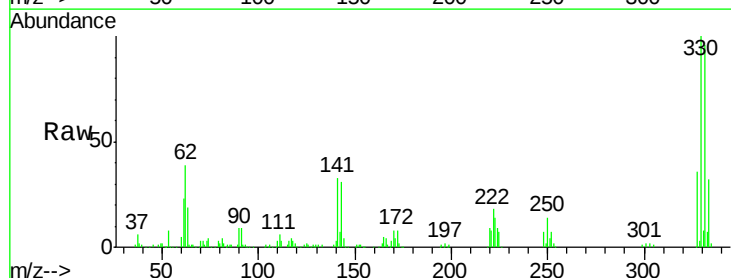
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-35(0.5-15.0COMP)

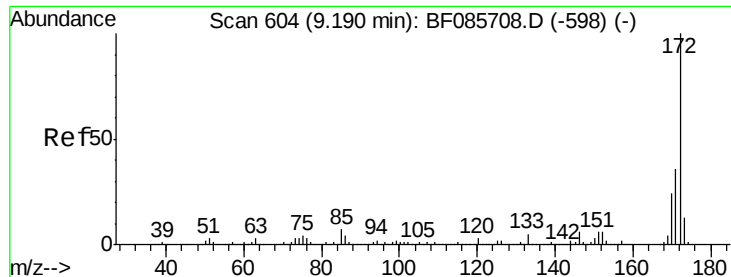
Tgt Ion:164 Resp: 192228
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 48.2 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 131.15 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085952.D
 Acq: 1 Apr 2016 3:04

Tgt Ion:330 Resp: 239528
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 38.4 31.5 47.3

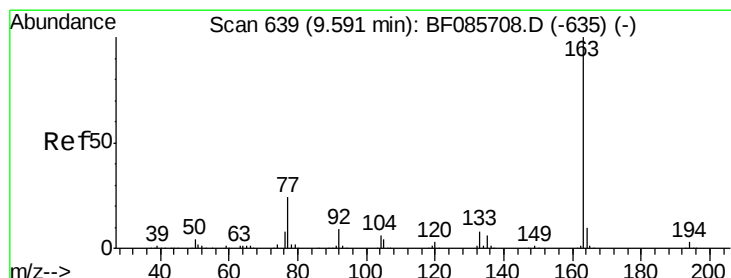
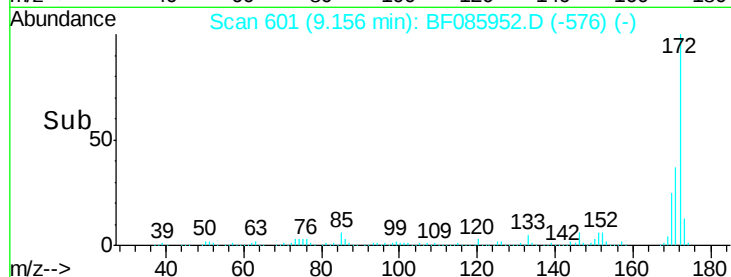
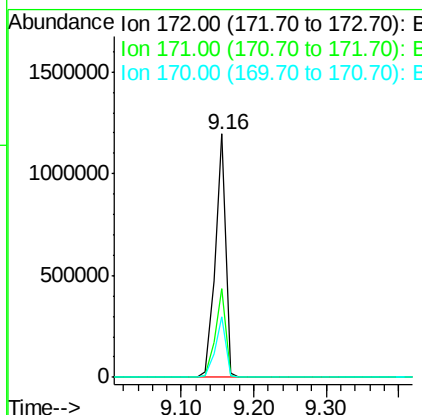
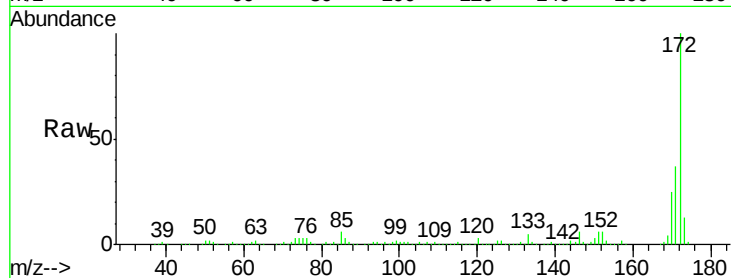




#44
 2-Fluorobiphenyl
 Concen: 103.37 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085952.D
 Acq: 1 Apr 2016 3:04

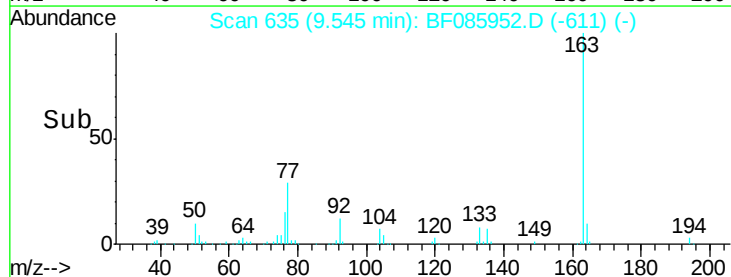
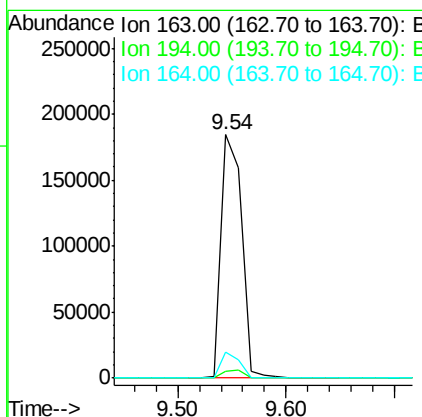
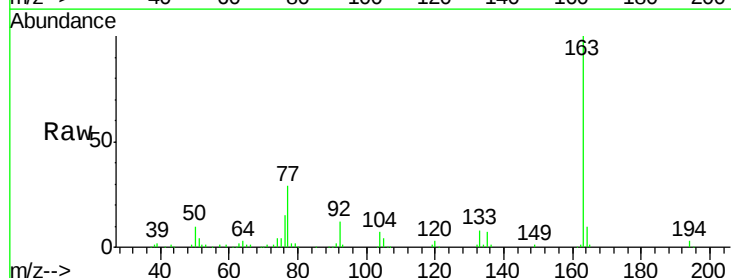
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-35(0.5-15.0COMP)

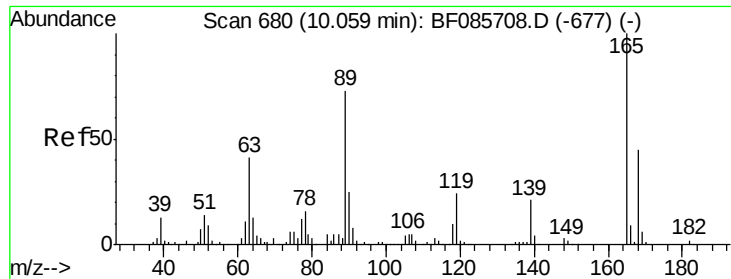
Tgt Ion:172 Resp: 1189285
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 25.0 19.8 29.6



#49
 Dimethylphthalate
 Concen: 16.70 ng
 RT: 9.54 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF085952.D
 Acq: 1 Apr 2016 3:04

Tgt Ion:163 Resp: 243608
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.9 4.3#
 164 10.5 8.3 12.5

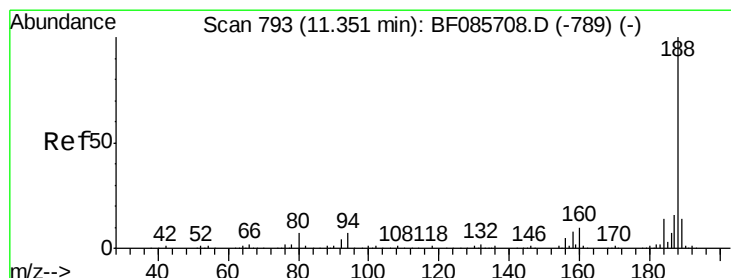
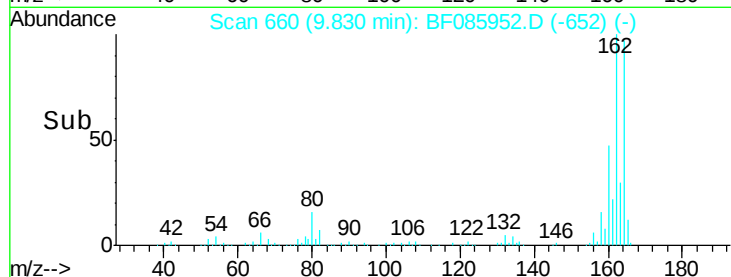
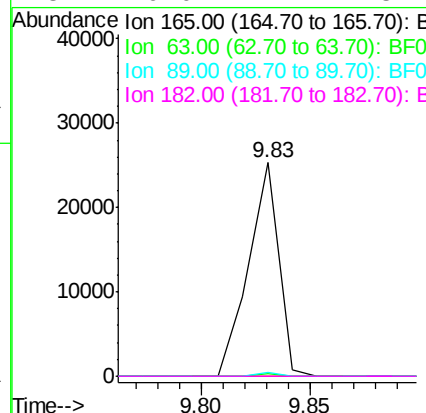
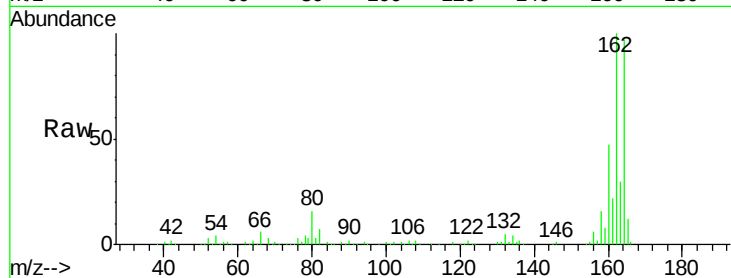




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085952.D
 Acq: 1 Apr 2016 3:04

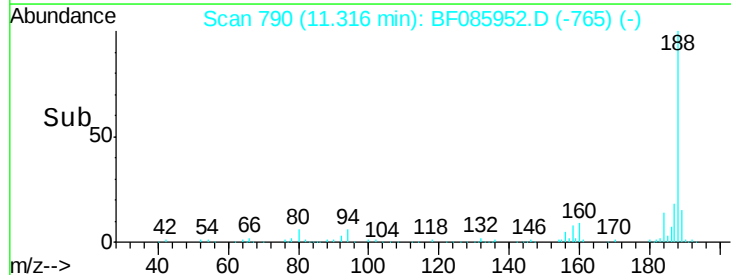
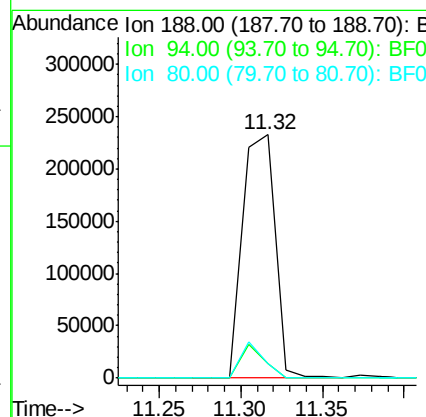
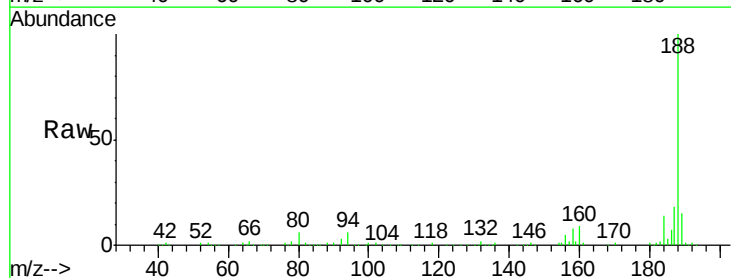
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-35(0.5-15.0COMP)

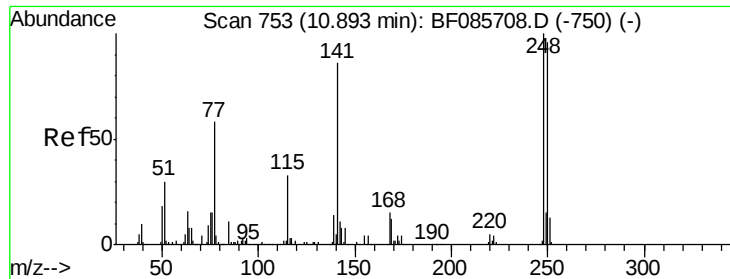
Tgt Ion:	165	Resp:	24385
Ion Ratio	Lower	Upper	
165	100		
63	1.3	24.9	37.3#
89	2.0	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085952.D
 Acq: 1 Apr 2016 3:04

Tgt Ion:	188	Resp:	320151
Ion Ratio	Lower	Upper	
188	100		
94	6.2	5.4	8.0
80	5.8	5.5	8.3

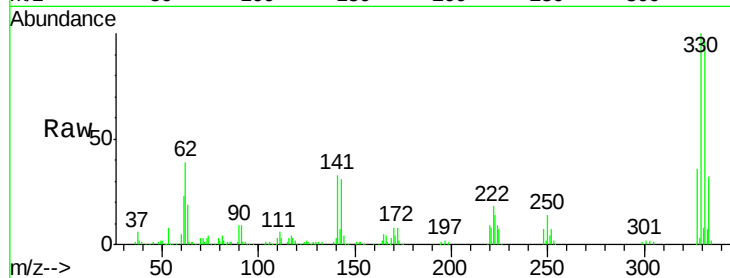




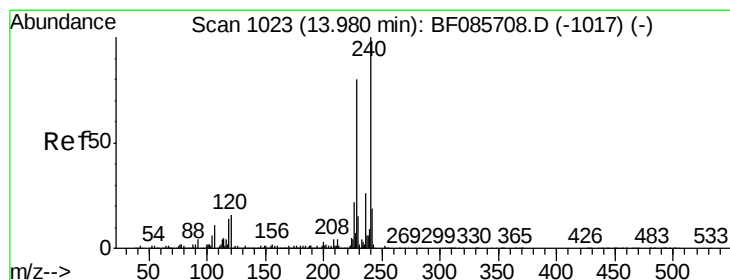
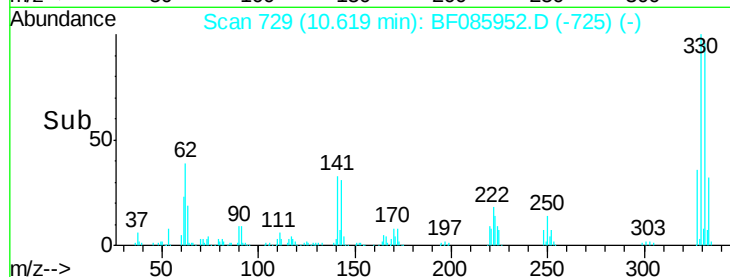
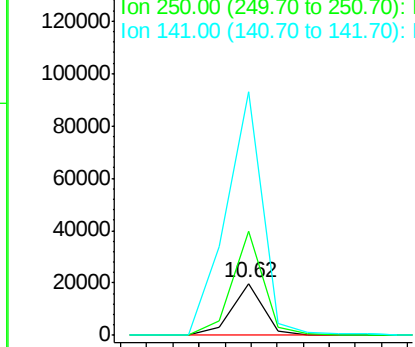
#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085952.D
Acq: 1 Apr 2016 3:04

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-35(0.5-15.0COMP)

Tgt Ion:248 Resp: 16725
Ion Ratio Lower Upper
248 100
250 200.0 77.4 116.0#
141 466.4 63.6 95.4#

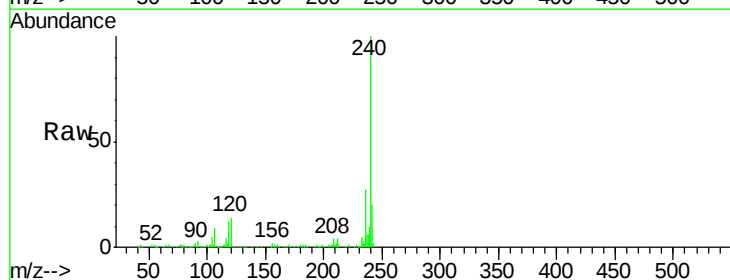


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

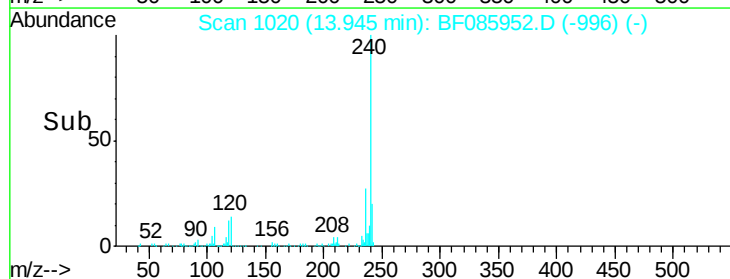
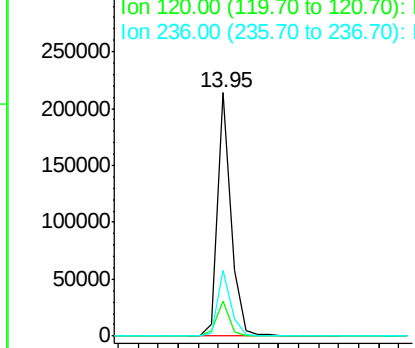


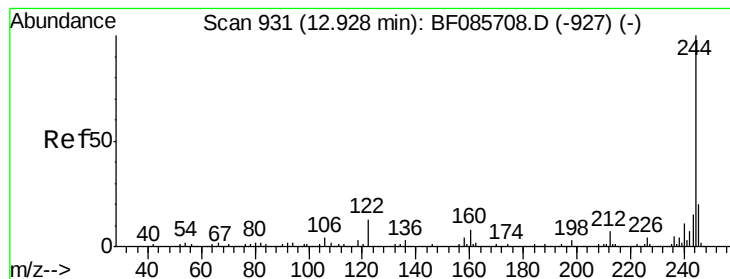
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085952.D
Acq: 1 Apr 2016 3:04

Tgt Ion:240 Resp: 199898
Ion Ratio Lower Upper
240 100
120 14.2 13.8 20.8
236 26.9 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: 78.96 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085952.D

Acq: 1 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-35(0.5-15.0COMP)

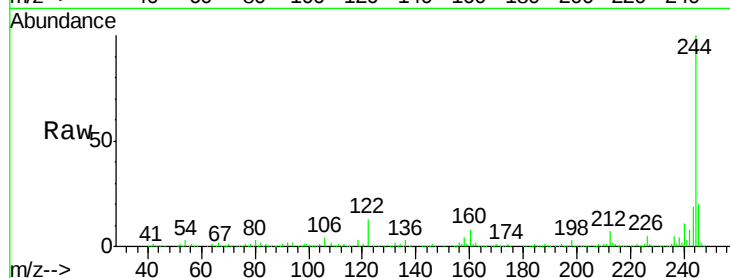
Tgt Ion:244 Resp: 767472

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

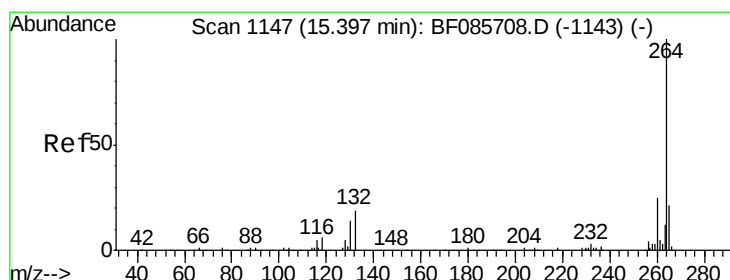
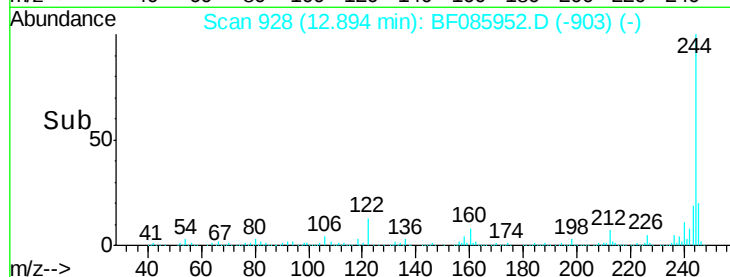
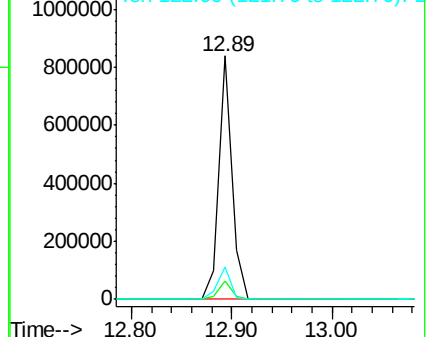
122 13.4 10.2 15.4



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: BF085952.D

Acq: 1 Apr 2016 3:04

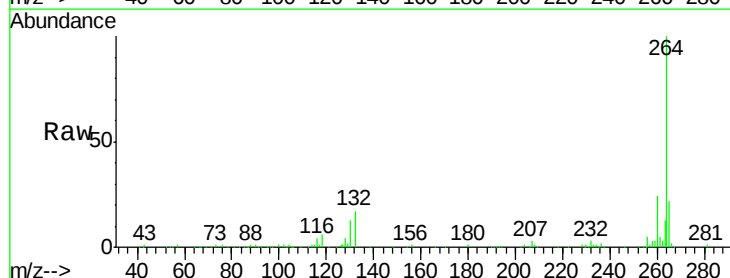
Tgt Ion:264 Resp: 200641

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.7 17.2 25.8



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

