

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085955.D
 Acq On : 1 Apr 2016 4:31
 Operator : UM/SJ
 Sample : H2046-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-32(0.5-15.0COMP)

Quant Time: Apr 01 03:57:09 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

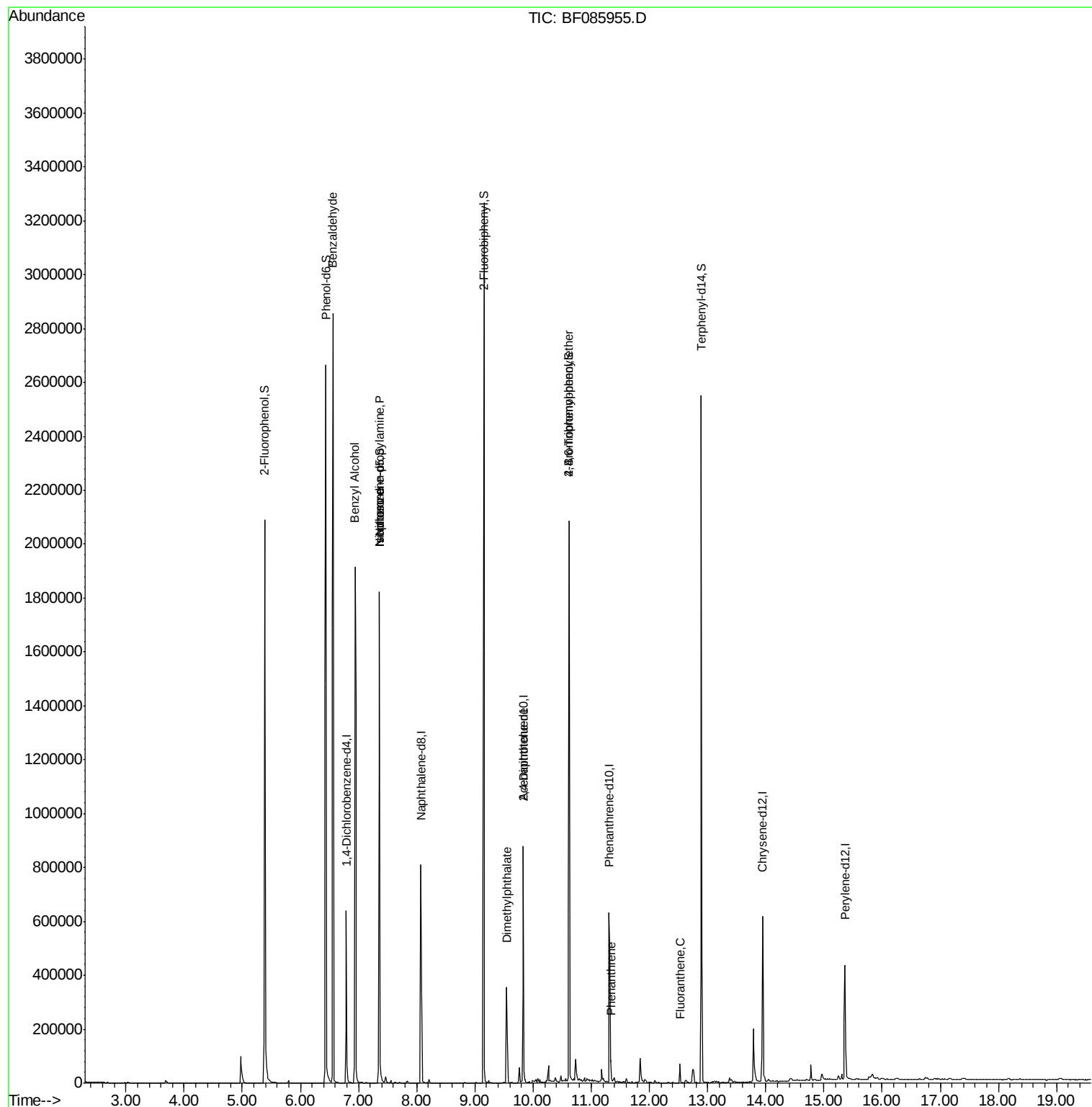
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107442	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	420748	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	186543	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	314139	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	200389	20.00	ng	-0.02
86) Perylene-d12	15.36	264	194701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	920027	142.61	ng	-0.01
7) Phenol-d6	6.44	99	1184655	144.43	ng	-0.01
23) Nitrobenzene-d5	7.36	82	789761	105.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	254667	143.69	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1181450	105.82	ng	-0.01
78) Terphenyl-d14	12.89	244	767806	78.80	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	21149	4.28	ng	89
15) Benzyl Alcohol	6.94	79	11168	2.04	ng	# 45
19) n-Nitroso-di-n-propylamine	7.36	70	102565	20.88	ng	# 74
25) Isophorone	7.36	82	779103	54.13	ng	# 68
37) 2-Methylnaphthalene	8.80	142	992	Below Cal	#	83
49) Dimethylphthalate	9.54	163	159313	11.26	ng	98
56) 2,4-Dinitrotoluene	9.83	165	23273	6.01	ng	# 37
66) 4-Bromophenyl-phenylether	10.62	248	17618	5.48	ng	# 1
70) Phenanthrene	11.34	178	42841	2.66	ng	98
74) Fluoranthene	12.53	202	40279	2.35	ng	89

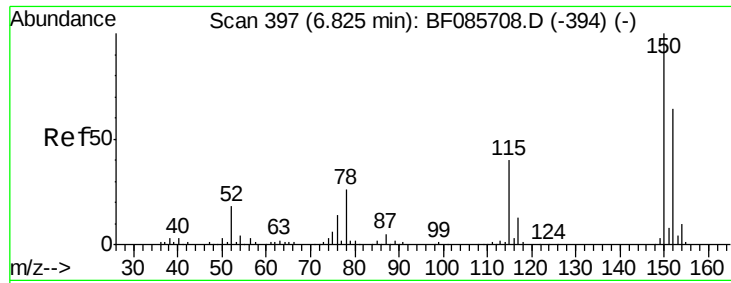
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085955.D
Acq On : 1 Apr 2016 4:31
Operator : UM/SJ
Sample : H2046-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Quant Time: Apr 01 03:57:09 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



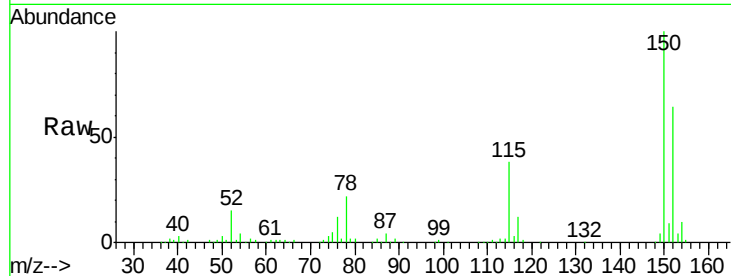


#1

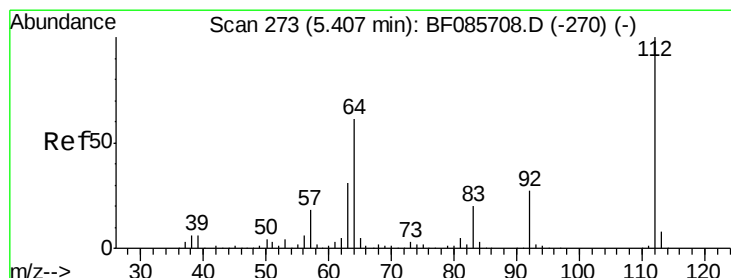
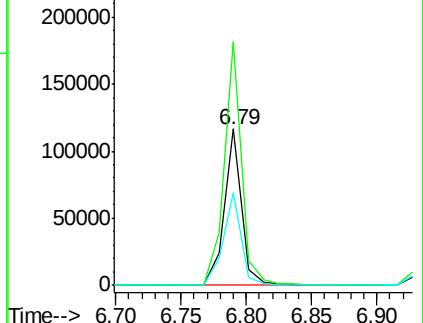
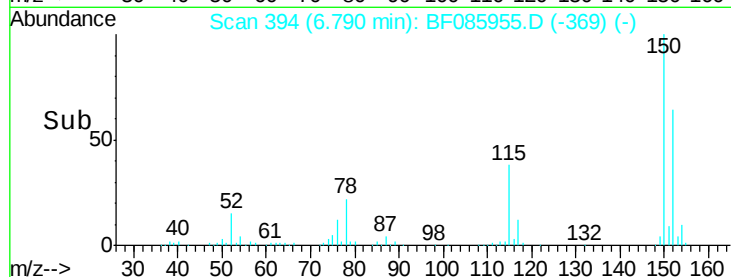
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:152 Resp: 107442
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.2 186.2
 115 59.6 47.0 70.6



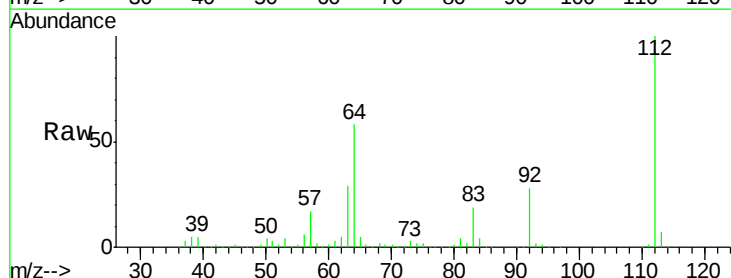
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



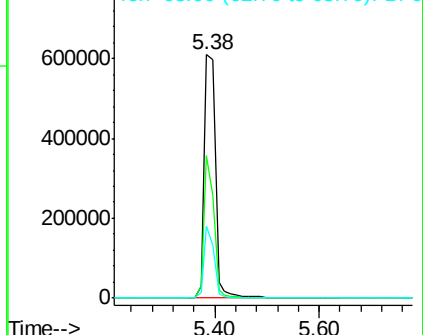
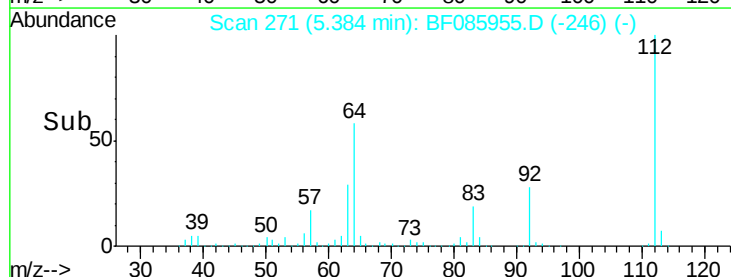
#5

2-Fluorophenol
 Concen: 142.61 ng
 RT: 5.38 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Tgt Ion:112 Resp: 920027
 Ion Ratio Lower Upper
 112 100
 64 58.3 39.9 59.9
 63 29.5 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: 144.43 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085955.D

Acq: 1 Apr 2016 4:31

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-32(0.5-15.0COMP)

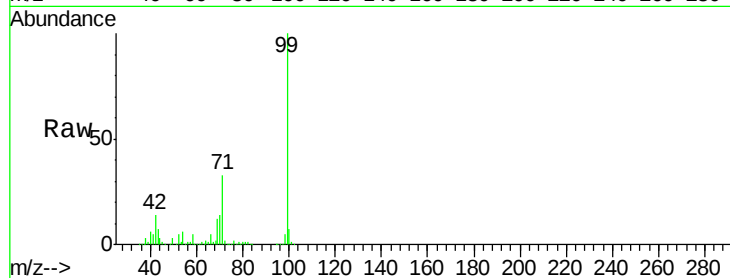
Tgt Ion: 99 Resp: 1184655

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

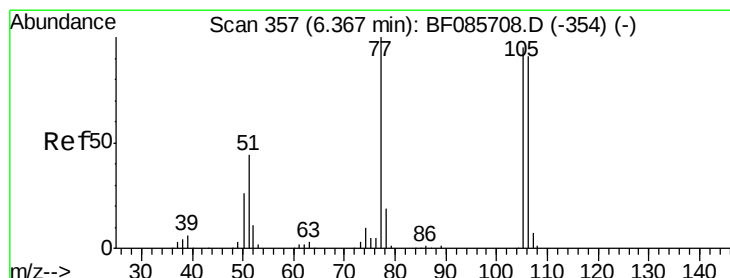
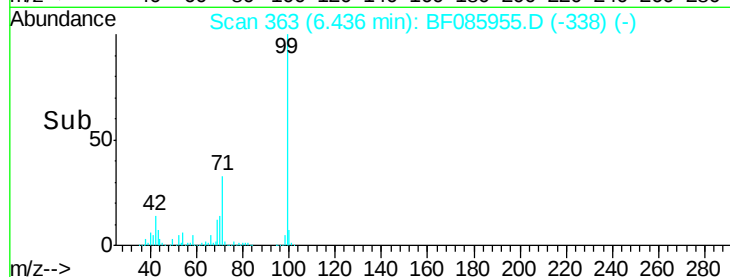
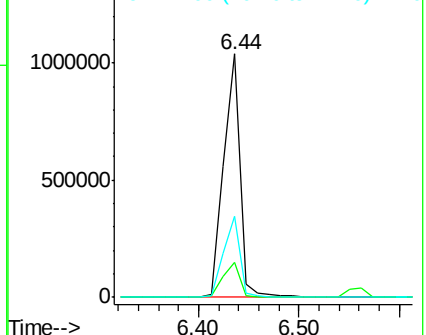
71 33.2 24.9 37.3



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: 4.28 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085955.D

Acq: 1 Apr 2016 4:31

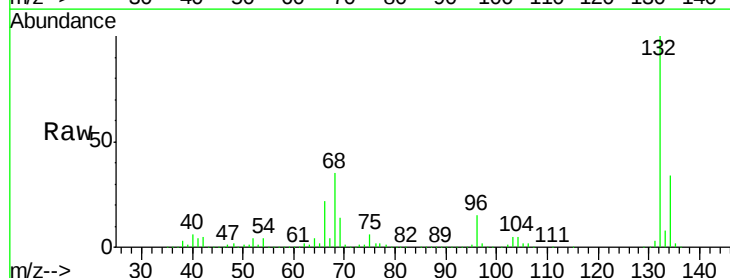
Tgt Ion: 77 Resp: 21149

Ion Ratio Lower Upper

77 100

105 89.2 80.1 120.1

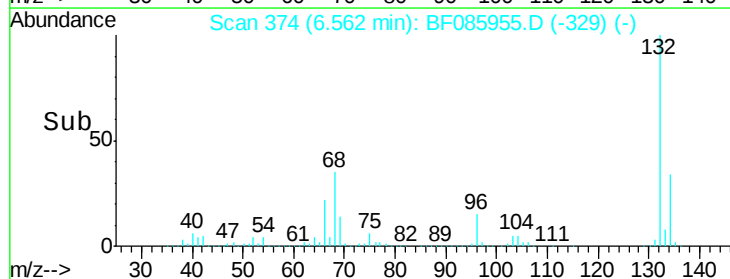
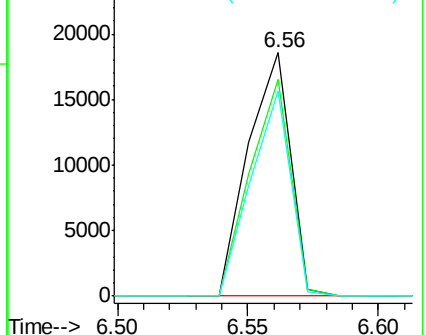
106 84.2 75.0 115.0

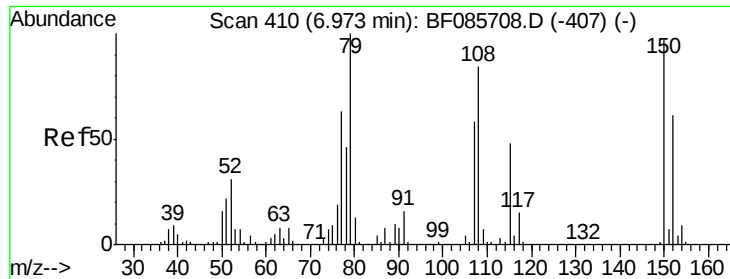


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF085955.D

Acq: 1 Apr 2016 4:31

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-32(0.5-15.0COMP)

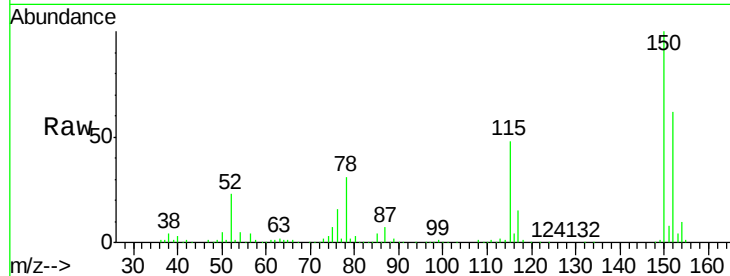
Tgt Ion: 79 Resp: 11168

Ion Ratio Lower Upper

79 100

108 27.9 61.8 92.6#

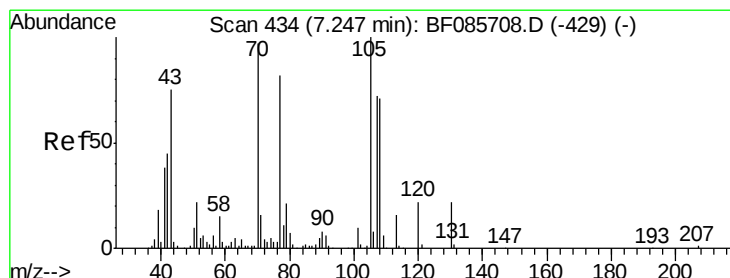
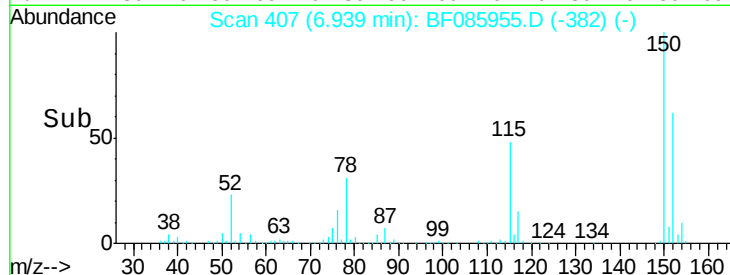
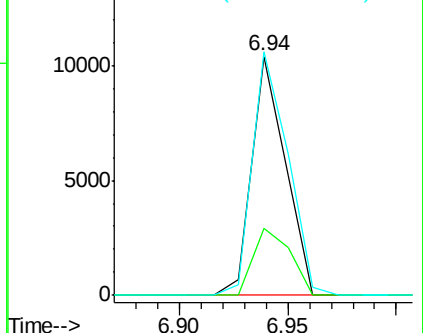
77 101.9 49.6 74.4#



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: 20.88 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085955.D

Acq: 1 Apr 2016 4:31

Tgt Ion: 70 Resp: 102565

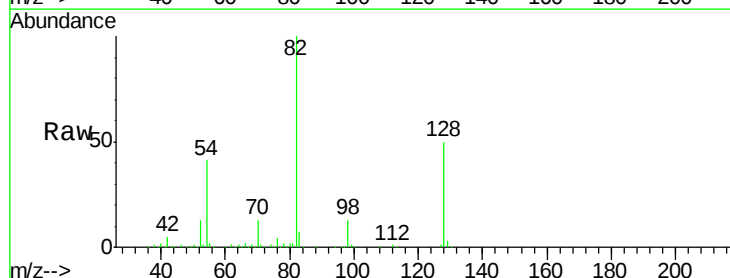
Ion Ratio Lower Upper

70 100

42 35.9 37.1 55.7#

101 0.0 8.6 12.8#

130 2.7 19.6 29.4#

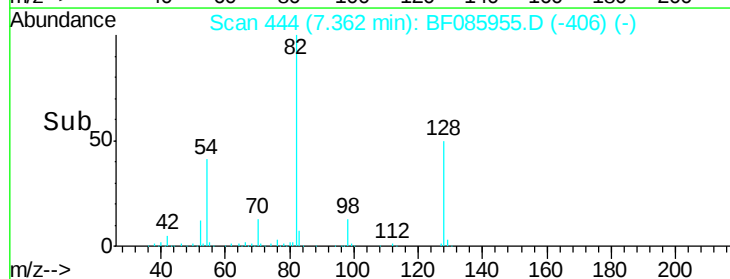
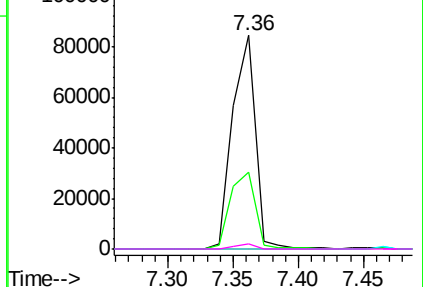


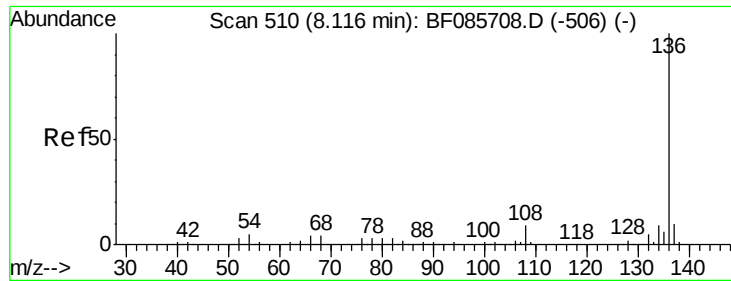
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

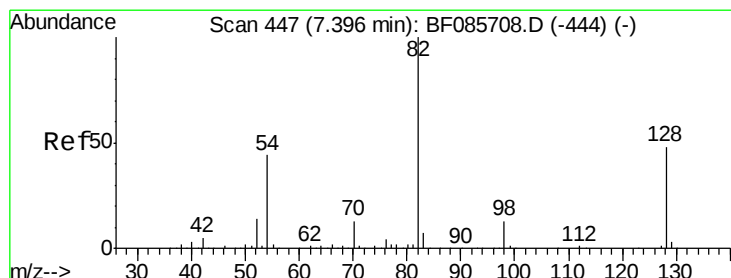
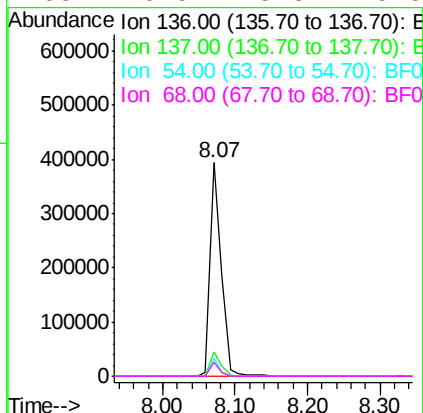
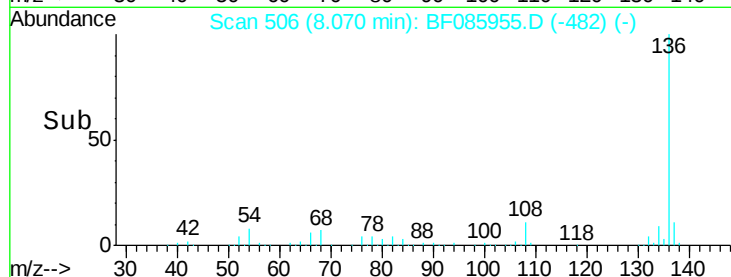
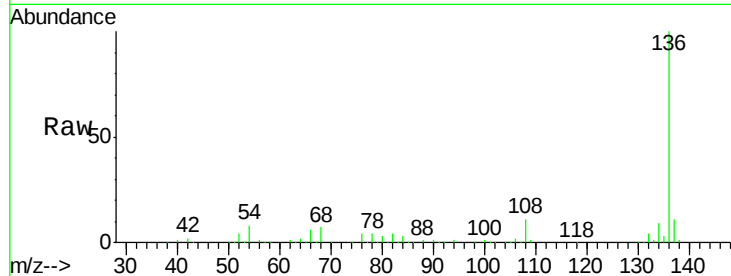




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

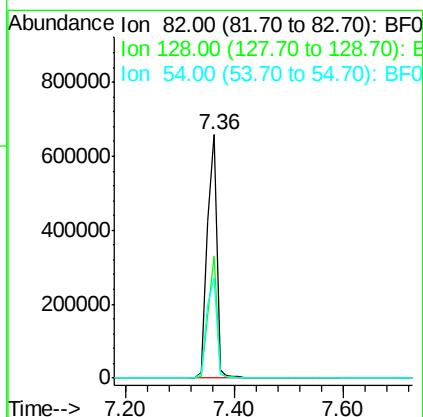
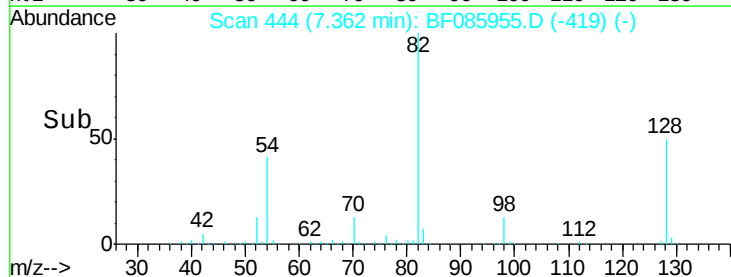
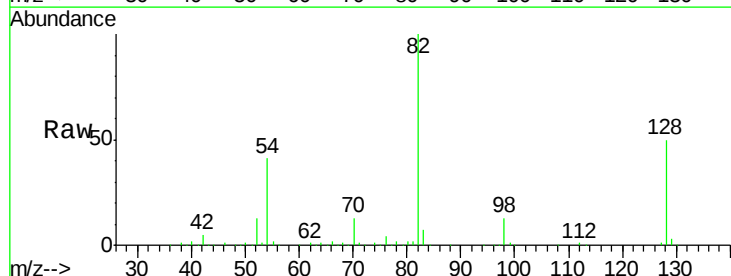
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

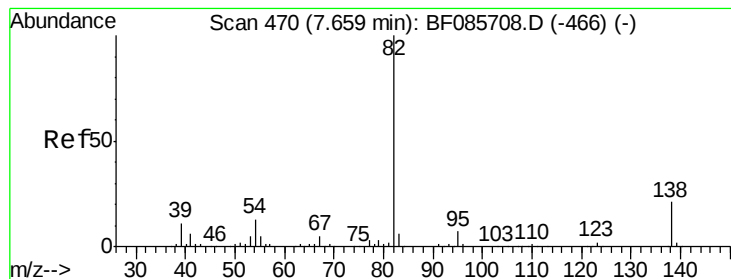
Tgt Ion:	136	Resp:	420748
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	8.2	7.4	11.0
68	6.5	5.8	8.8



#23
Nitrobenzene-d5
Concen: 105.70 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:	82	Resp:	789761
Ion Ratio	Lower	Upper	
82	100		
128	50.3	41.8	62.8
54	41.3	33.4	50.0





#25

Isophorone

Concen: 54.13 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085955.D

Acq: 1 Apr 2016 4:31

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-32(0.5-15.0COMP)

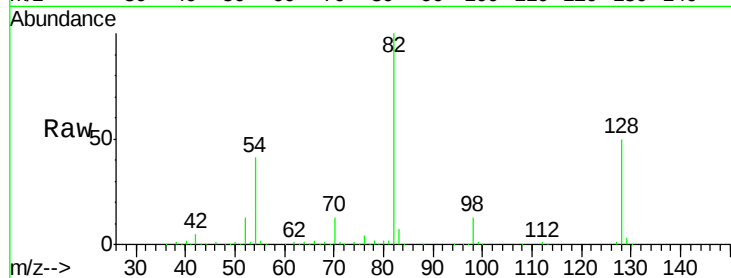
Tgt Ion: 82 Resp: 779103

Ion Ratio Lower Upper

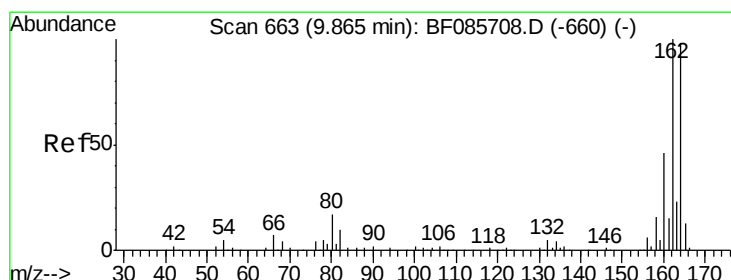
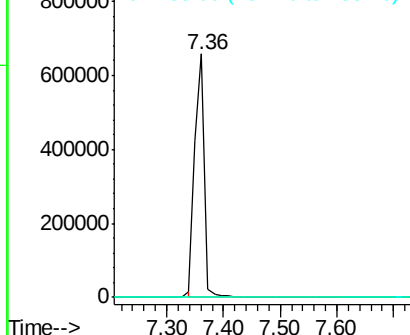
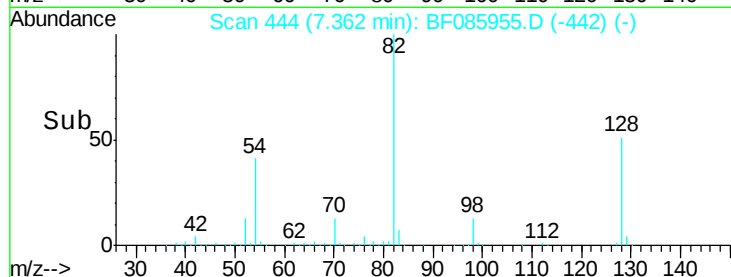
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085955.D

Acq: 1 Apr 2016 4:31

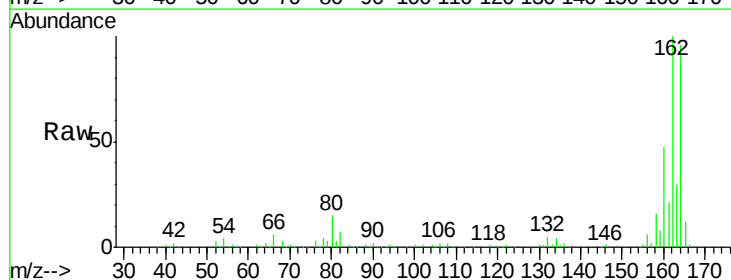
Tgt Ion: 164 Resp: 186543

Ion Ratio Lower Upper

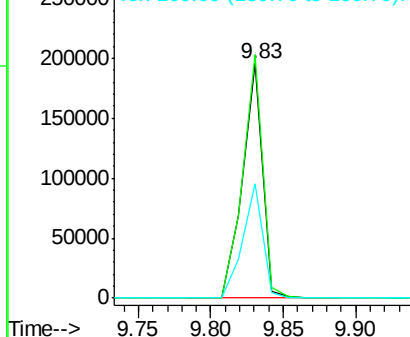
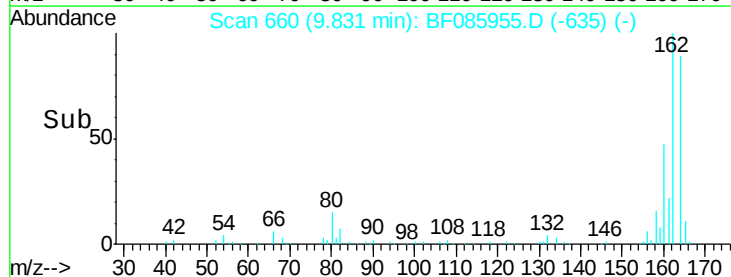
164 100

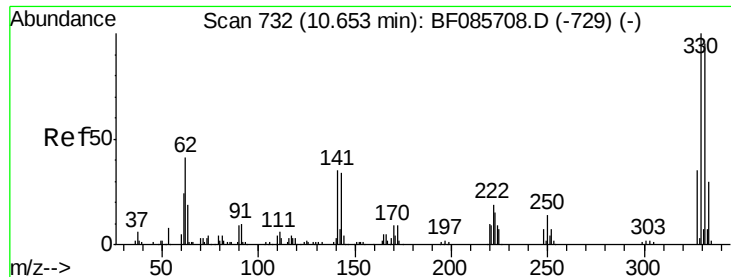
162 104.0 82.1 123.1

160 48.8 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

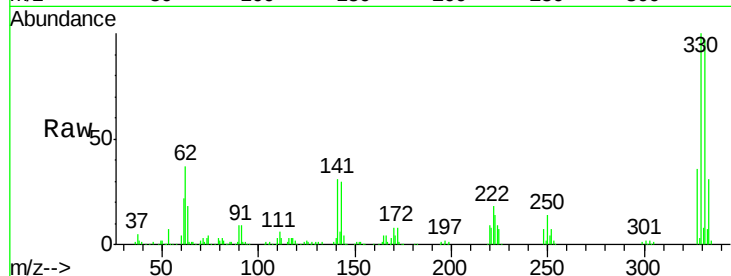




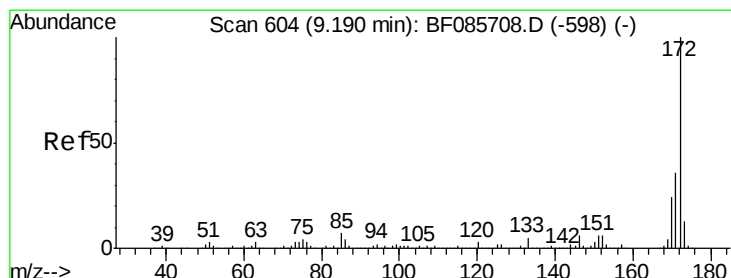
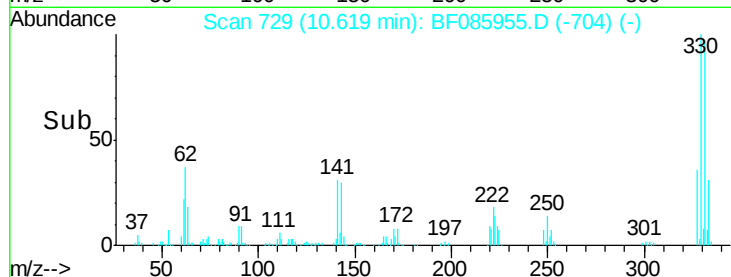
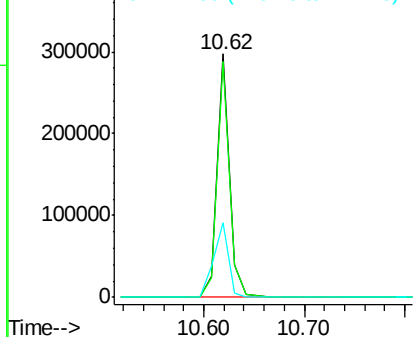
#41
 2,4,6-Tribromophenol
 Concen: 143.69 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	36.9	31.5	47.3

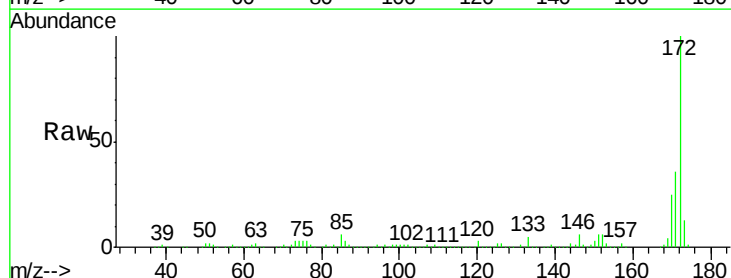


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

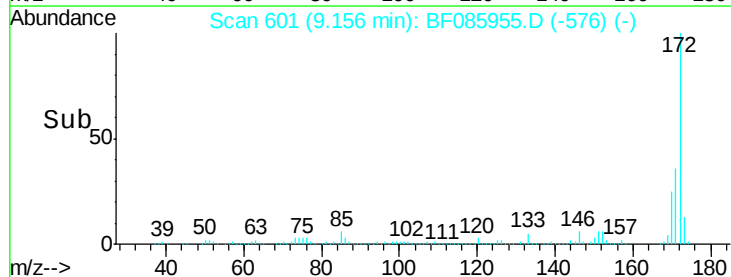
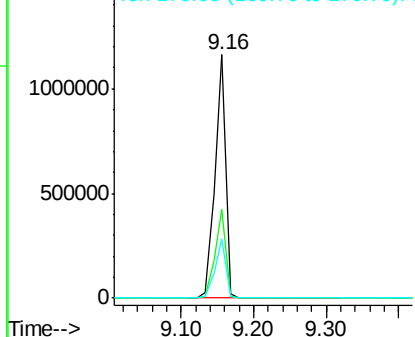


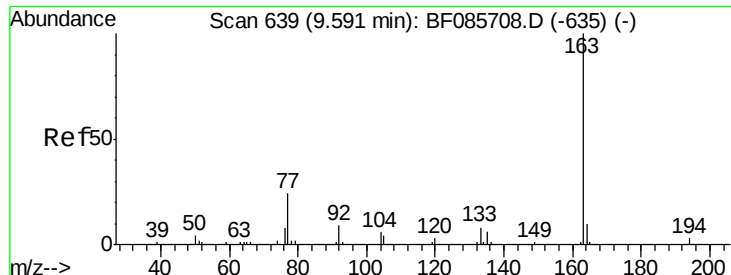
#44
 2-Fluorobiphenyl
 Concen: 105.82 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.5	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

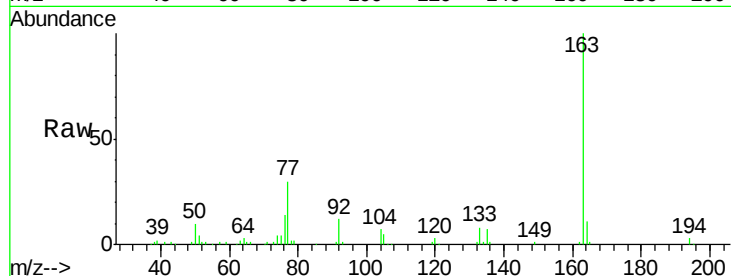




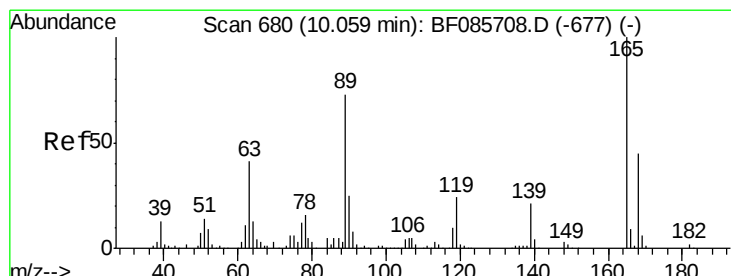
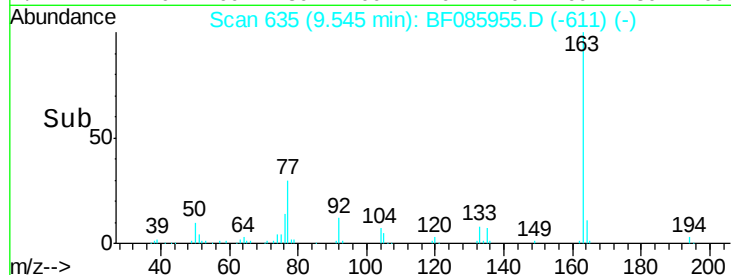
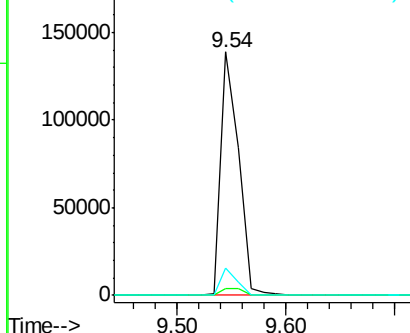
#49
Dimethylphthalate
Concen: 11.26 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:163 Resp: 159313
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 11.0 8.3 12.5

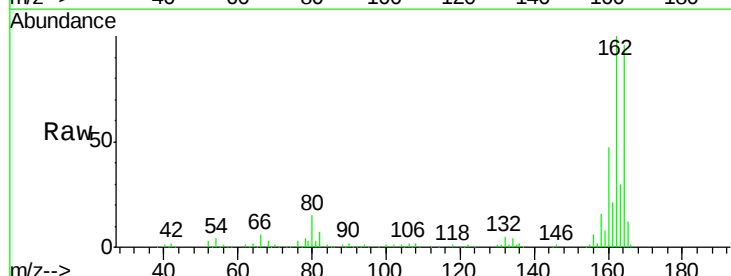


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

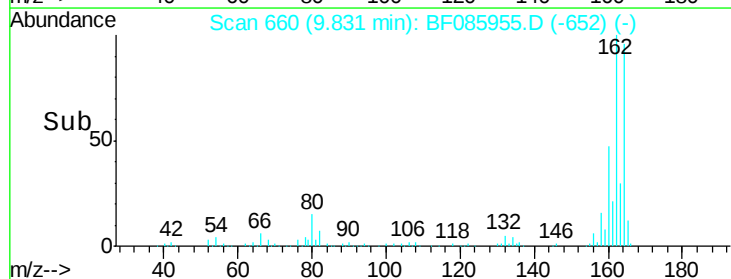
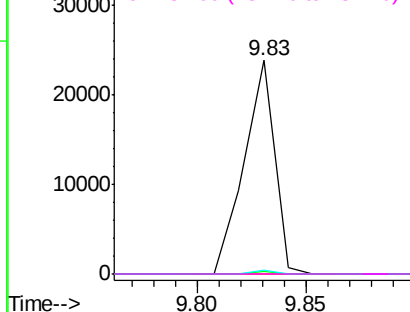


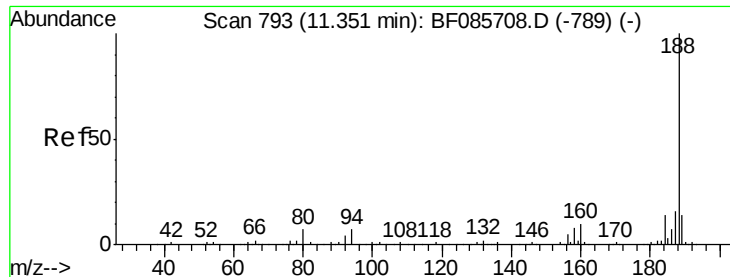
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:165 Resp: 23273
Ion Ratio Lower Upper
165 100
63 1.4 24.9 37.3#
89 1.6 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

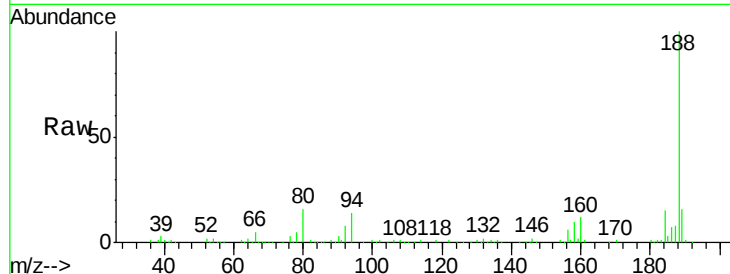




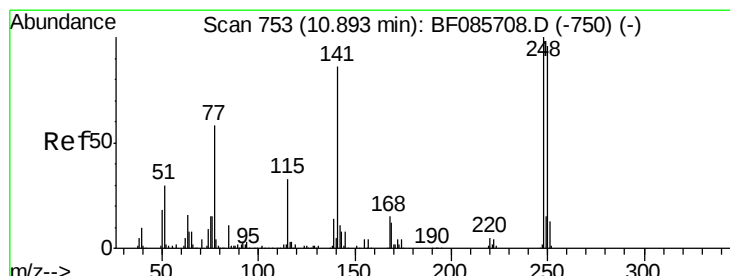
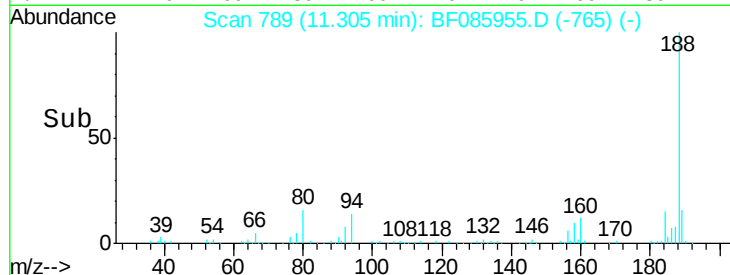
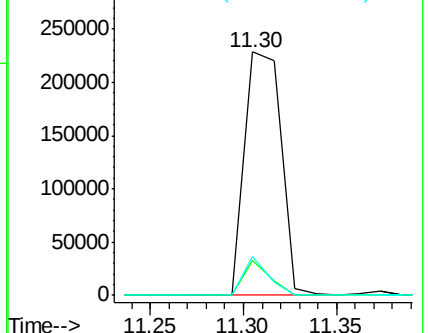
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:188 Resp: 314139
Ion Ratio Lower Upper
188 100
94 14.2 5.4 8.0#
80 15.9 5.5 8.3#

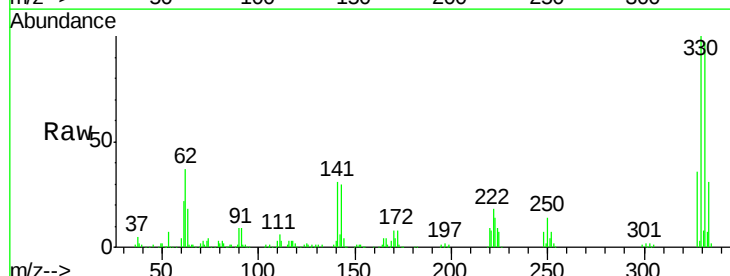


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

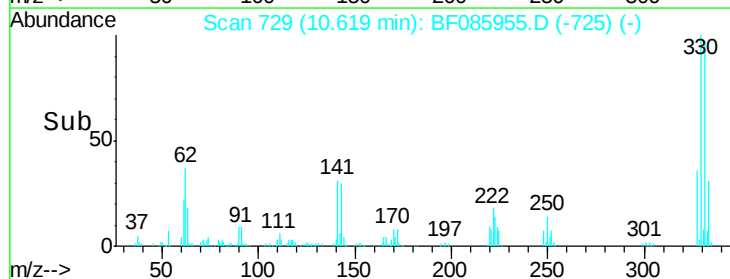
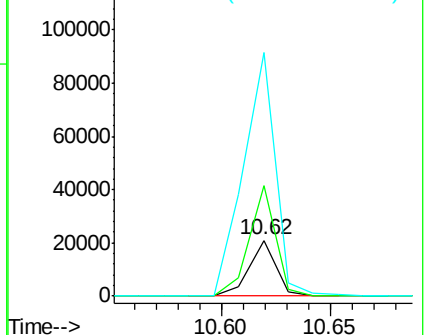


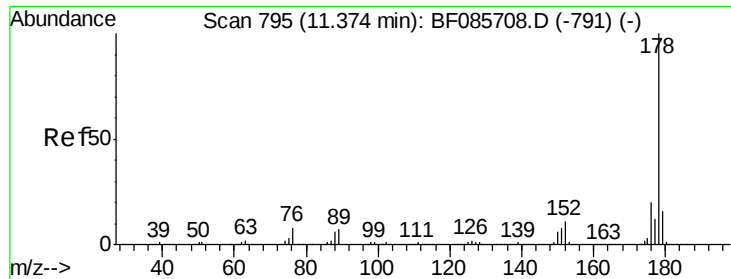
#66
4-Bromophenyl-phenylether
Concen: 5.48 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:248 Resp: 17618
Ion Ratio Lower Upper
248 100
250 197.8 77.4 116.0#
141 438.2 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

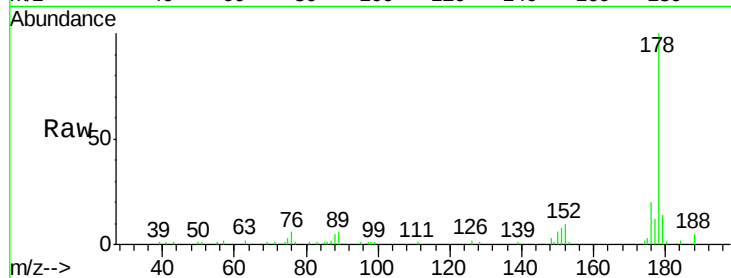




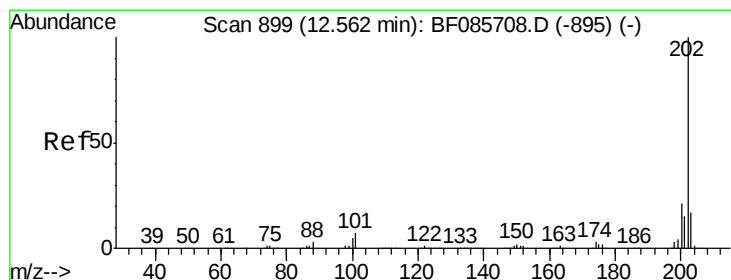
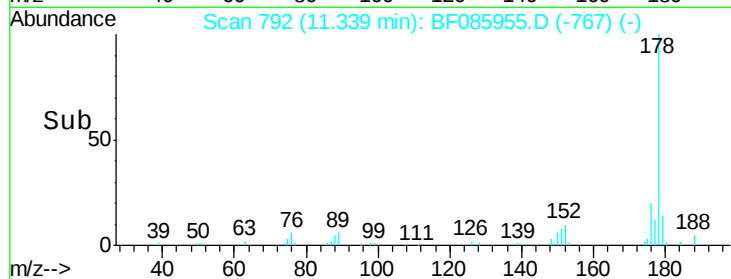
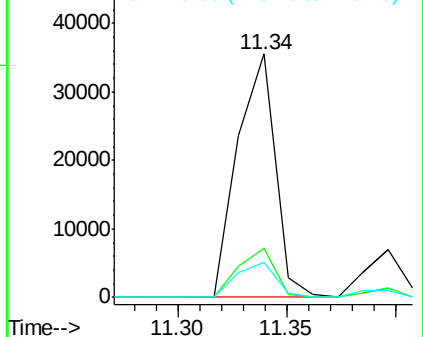
#70
 Phenanthrene
 Concen: 2.66 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:178 Resp: 42841
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 14.5 12.6 18.8

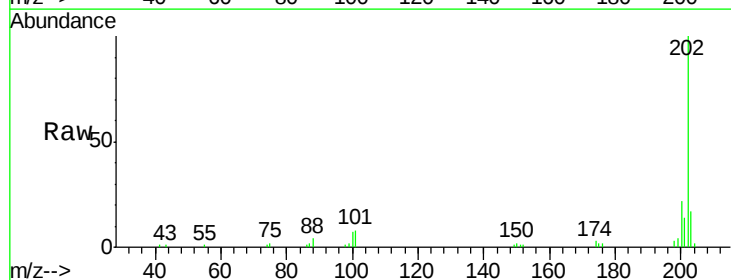


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

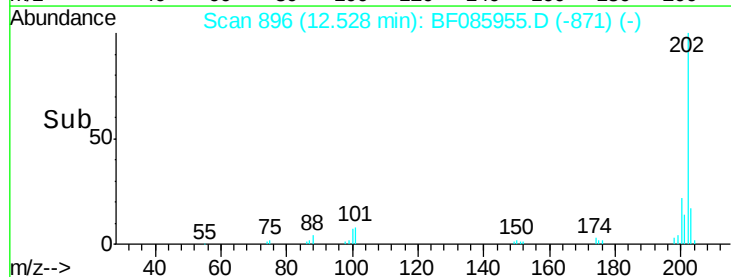
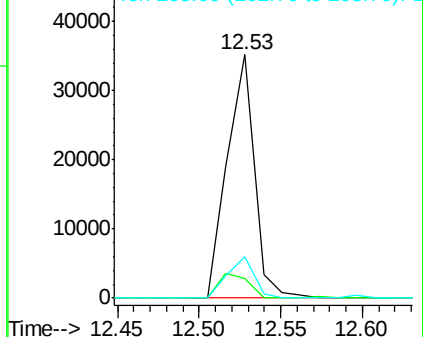


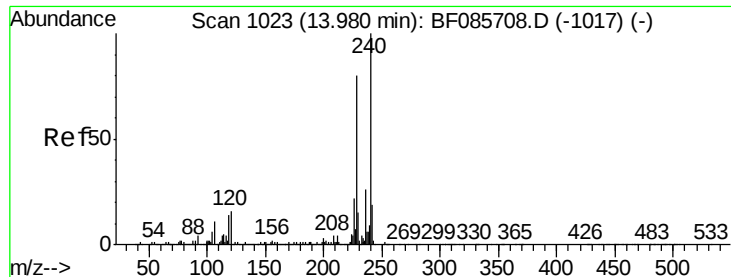
#74
 Fluoranthene
 Concen: 2.35 ng
 RT: 12.53 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Tgt Ion:202 Resp: 40279
 Ion Ratio Lower Upper
 202 100
 101 8.1 0.0 36.6
 203 16.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

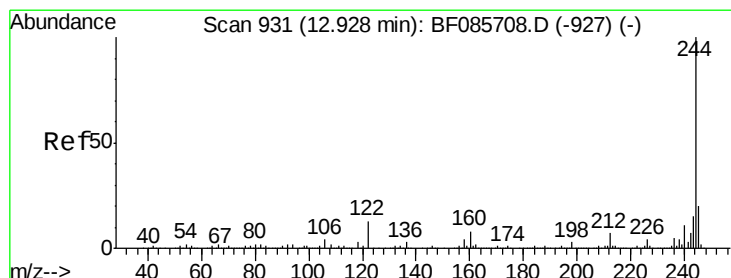
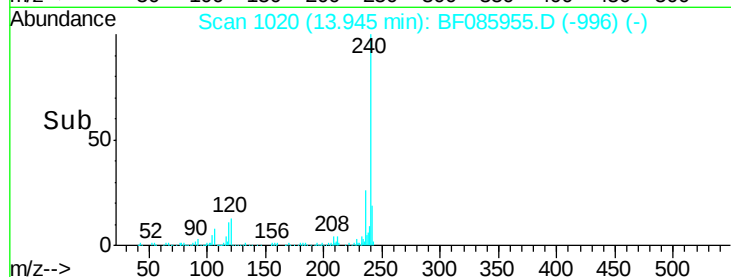
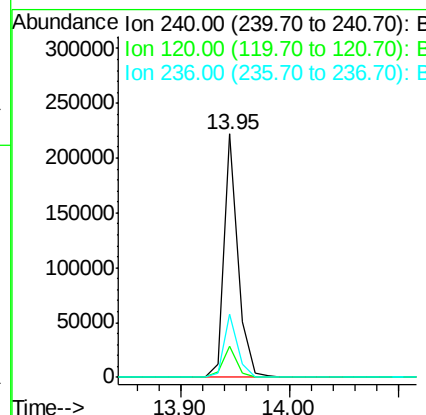
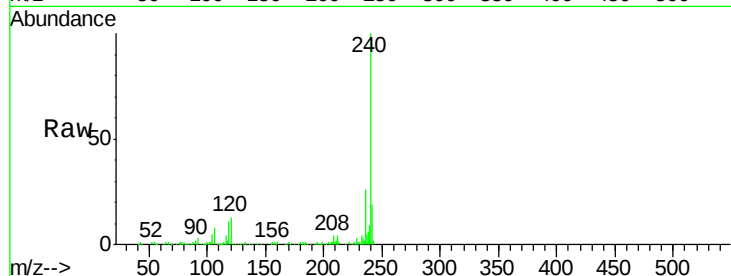




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

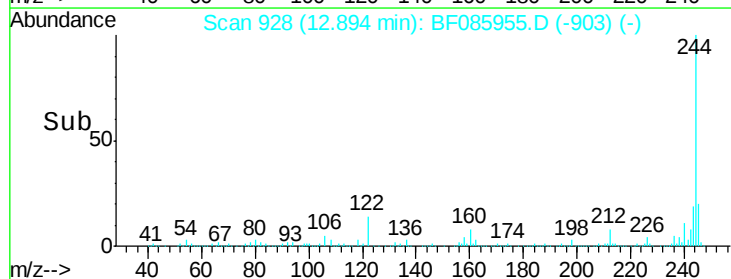
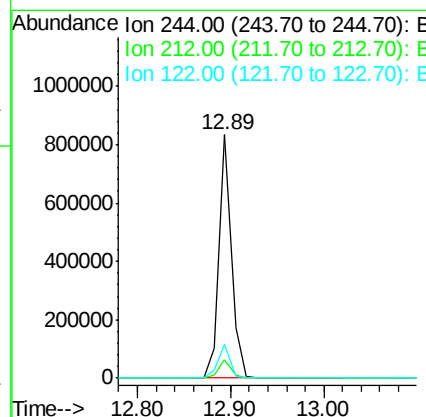
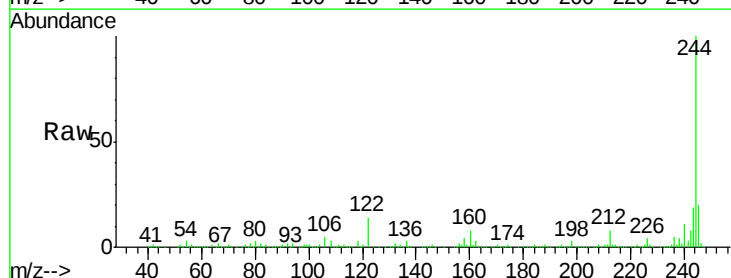
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-32(0.5-15.0COMP)

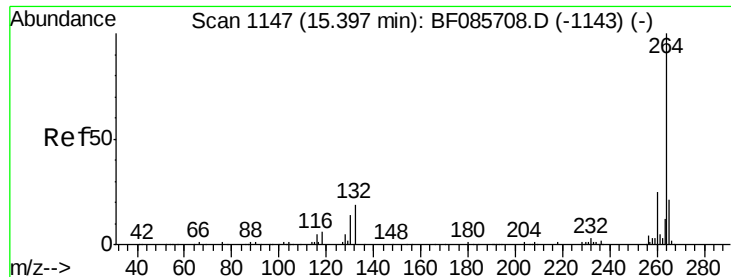
Tgt Ion:240 Resp: 200389
 Ion Ratio Lower Upper
 240 100
 120 13.0 13.8 20.8#
 236 26.0 20.6 30.8



#78
 Terphenyl-d14
 Concen: 78.80 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085955.D
 Acq: 1 Apr 2016 4:31

Tgt Ion:244 Resp: 767806
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.1 10.2 15.4

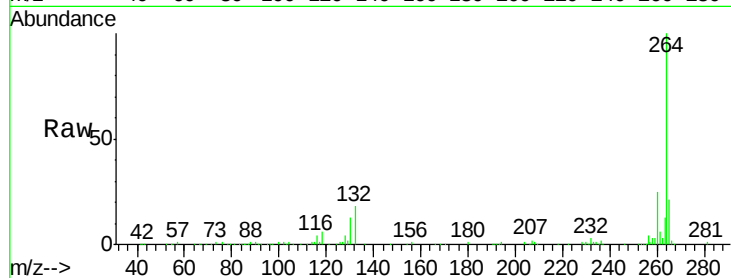




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:264 Resp: 194701
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 20.5 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

