

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086145.D
 Acq On : 7 Apr 2016 22:29
 Operator : UM/SJ
 Sample : H2282-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-14(0.5-20.0)

Quant Time: Apr 08 01:43:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

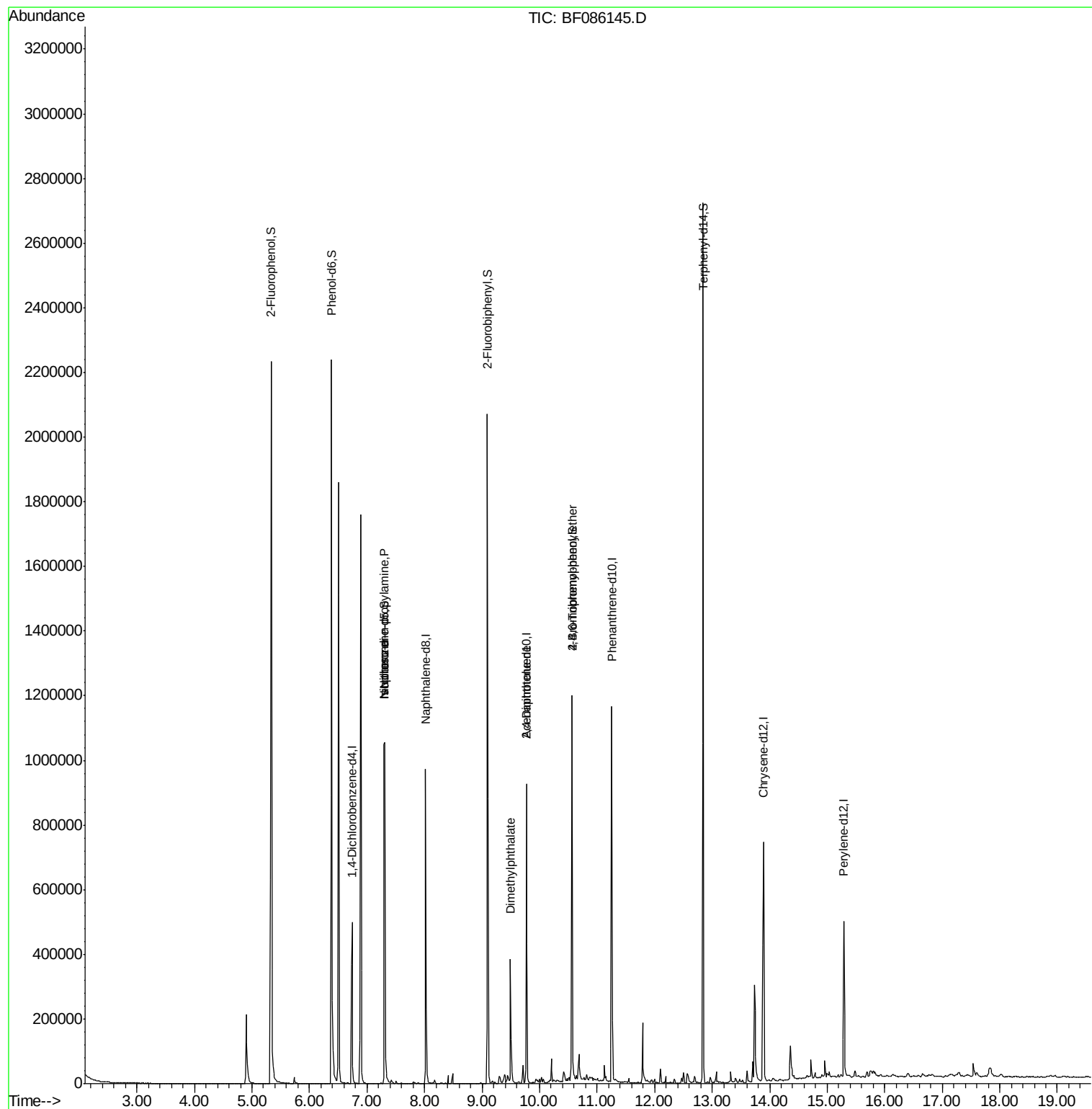
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107219	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	447752	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	206340	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	402590	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	300035	20.00	ng	-0.03
86) Perylene-d12	15.29	264	204689	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	735900	117.32	ng	-0.03
7) Phenol-d6	6.38	99	962959	120.86	ng	-0.03
23) Nitrobenzene-d5	7.30	82	569132	74.96	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	225109	116.23	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	747170	60.21	ng	-0.05
78) Terphenyl-d14	12.84	244	886521	69.46	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	72274	14.63	ng	# 80
25) Isophorone	7.30	82	564895	37.69	ng	# 68
49) Dimethylphthalate	9.49	163	149296	9.76	ng	99
56) 2,4-Dinitrotoluene	9.77	165	25614	6.26	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	13856	3.37	ng	# 1

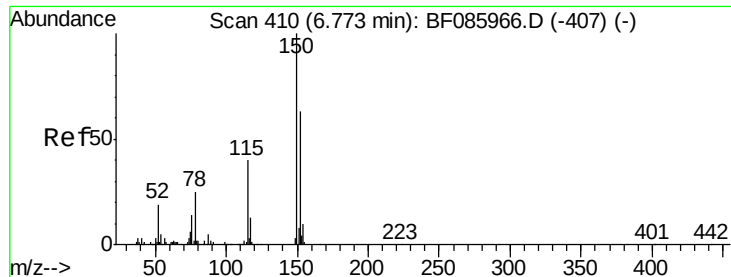
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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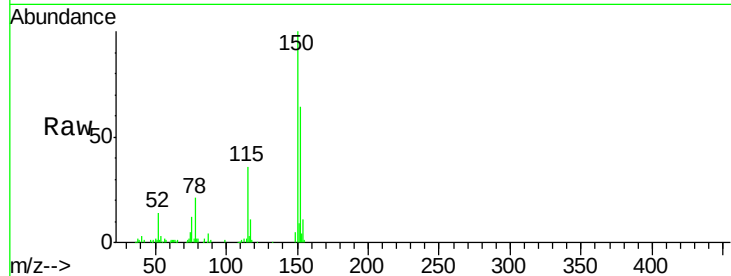


#1

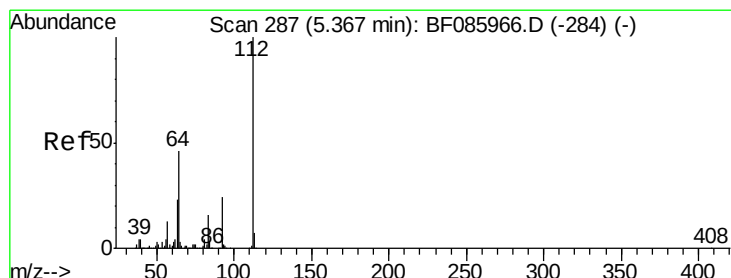
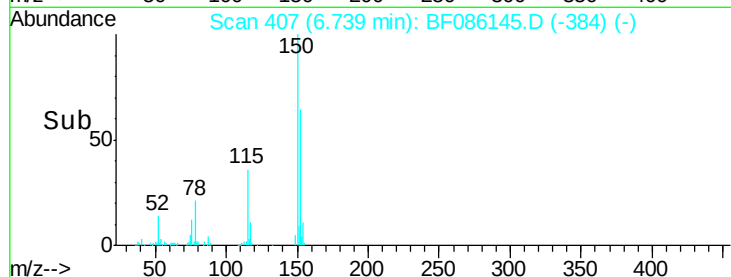
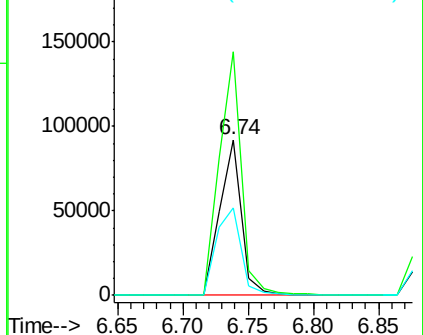
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-14(0.5-20.0)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	56.1	47.0	70.6



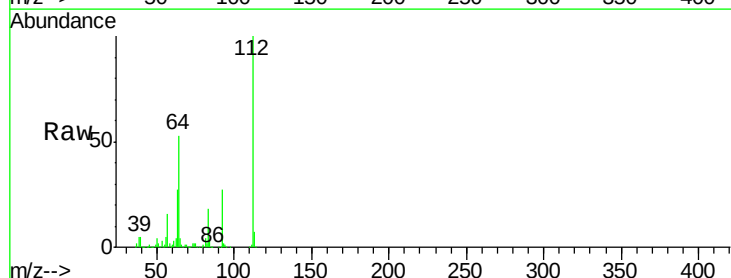
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



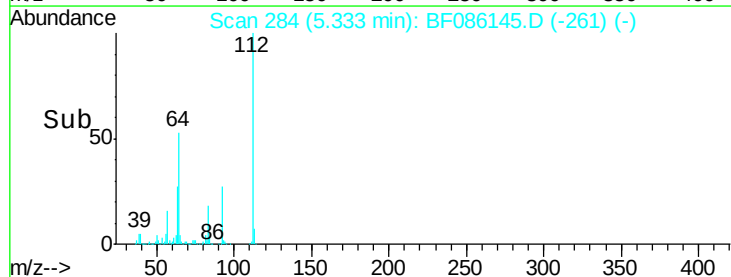
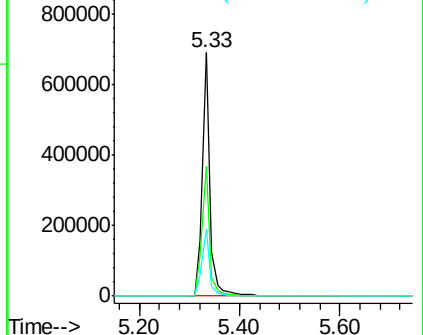
#5

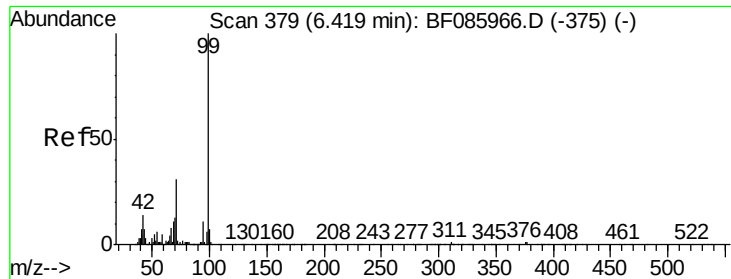
2-Fluorophenol
Concen: 117.32 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	39.9	59.9
63	27.3	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: 120.86 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-14(0.5-20.0)

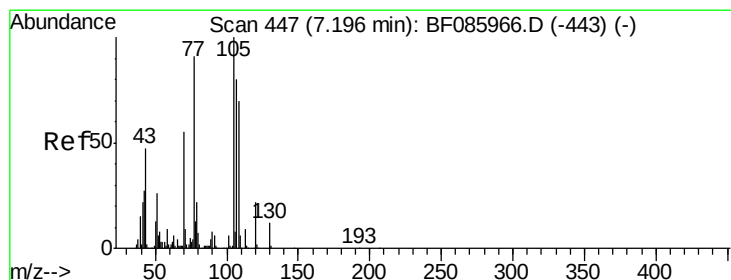
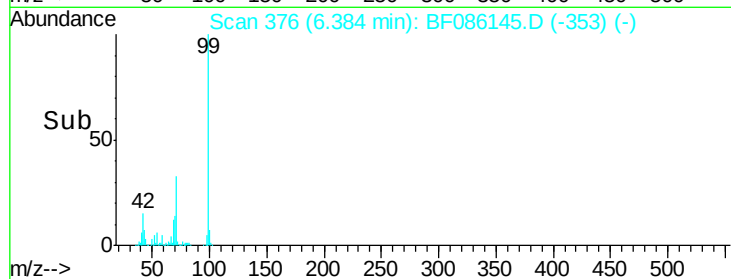
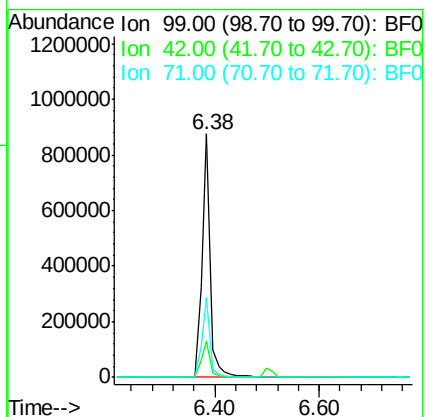
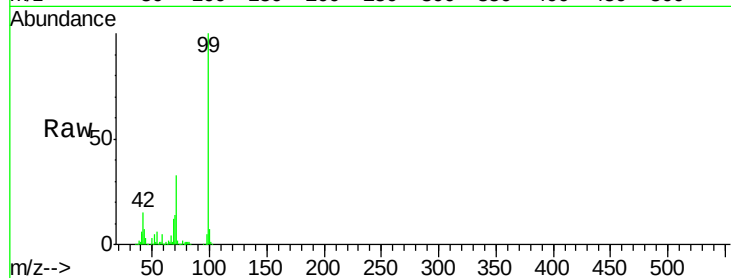
Tgt Ion: 99 Resp: 962959

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

71 32.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.63 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

Tgt Ion: 70 Resp: 72274

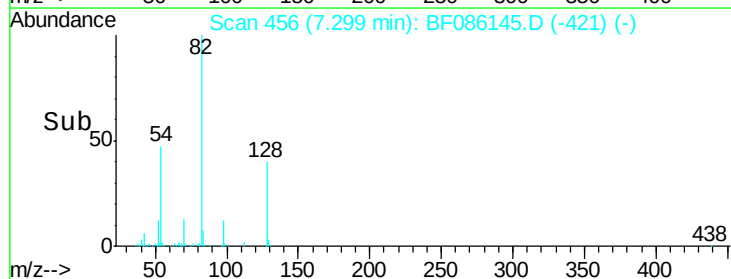
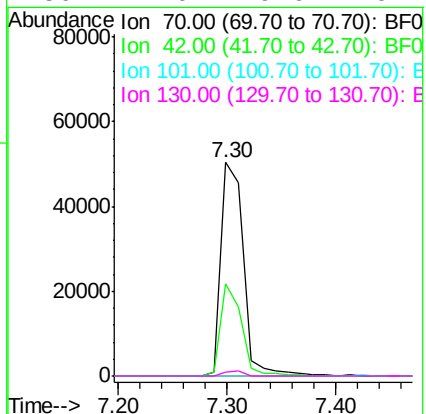
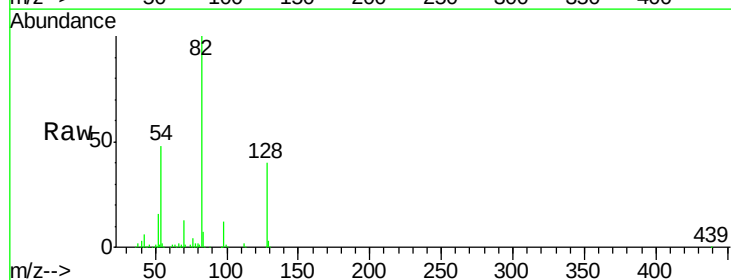
Ion Ratio Lower Upper

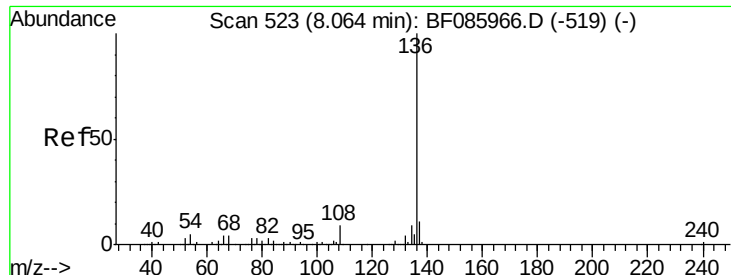
70 100

42 43.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.0 19.6 29.4#

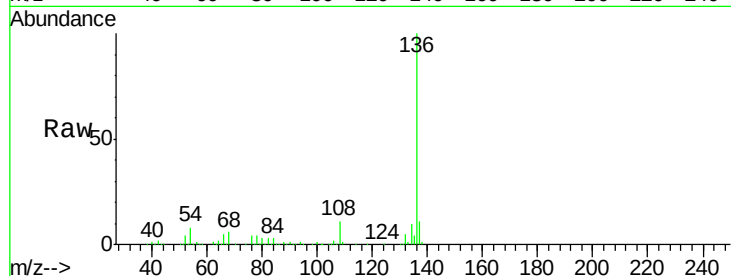




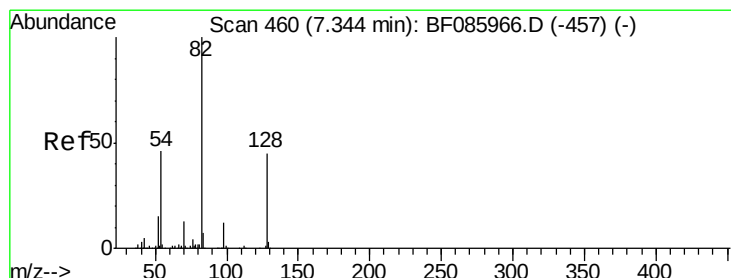
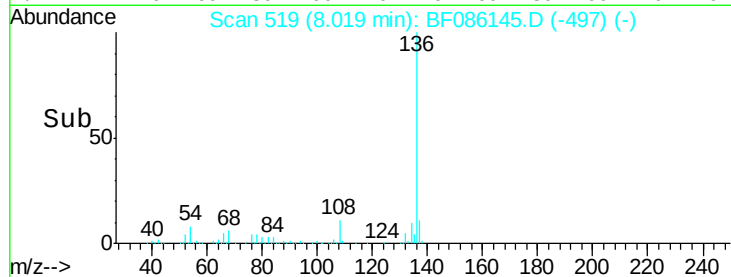
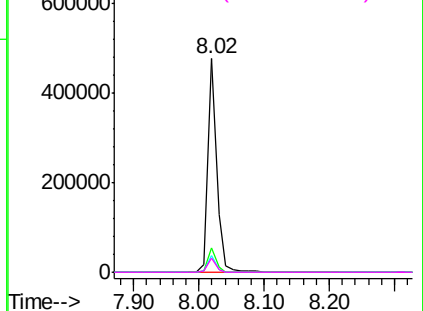
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-14(0.5-20.0)

Tgt Ion:	136	Resp:	447752
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.9	7.4	11.0
68	6.4	5.8	8.8

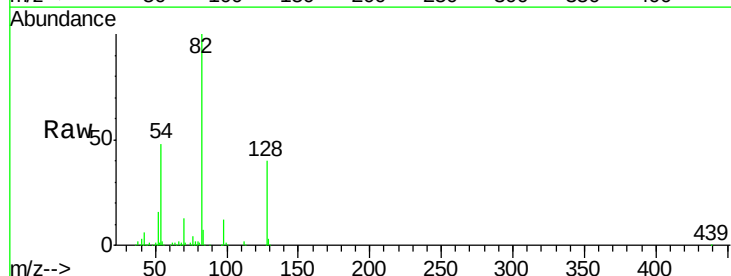


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

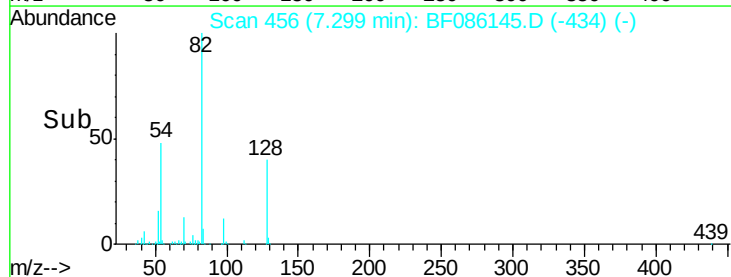
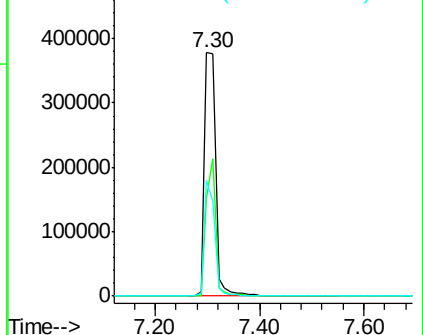


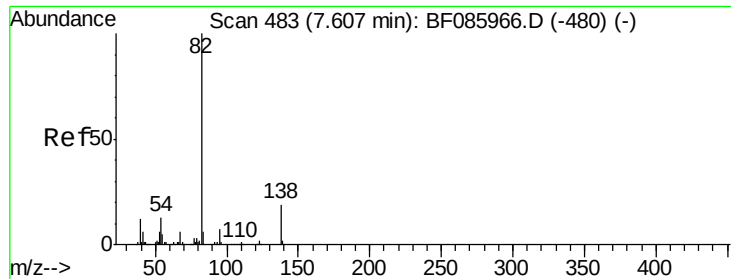
#23
Nitrobenzene-d5
Concen: 74.96 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Tgt Ion:	82	Resp:	569132
Ion	Ratio	Lower	Upper
82	100		
128	40.2	41.8	62.8#
54	47.5	33.4	50.0



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





#25

Isophorone

Concen: 37.69 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-14(0.5-20.0)

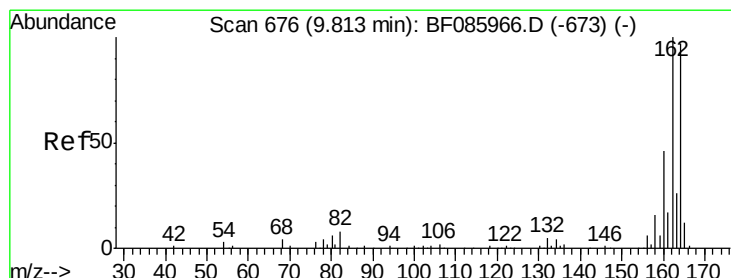
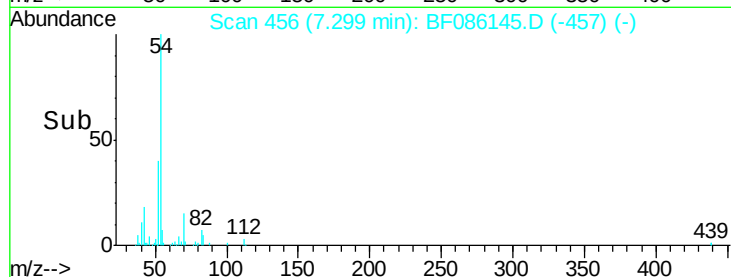
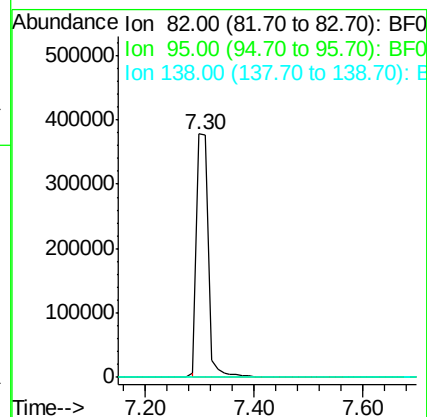
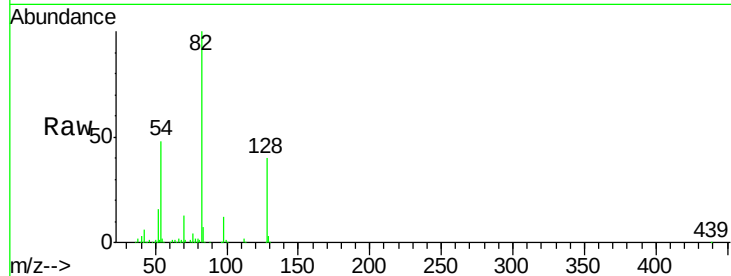
Tgt Ion: 82 Resp: 564895

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: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

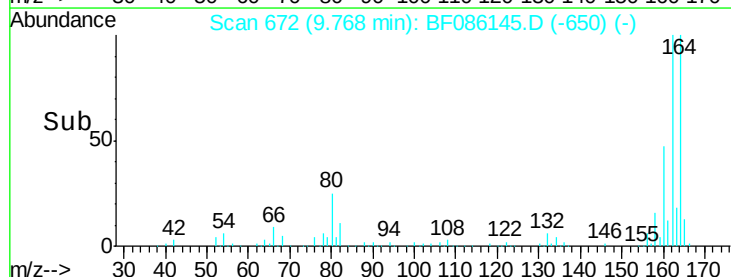
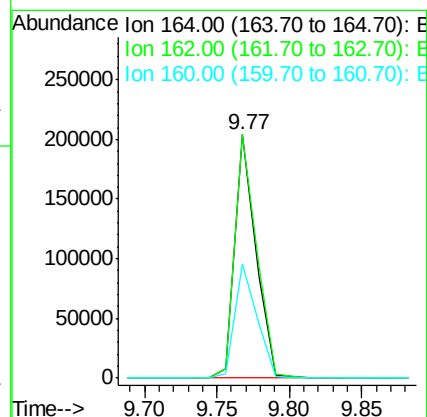
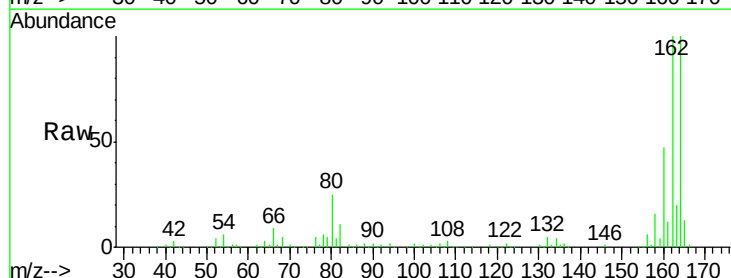
Tgt Ion: 164 Resp: 206340

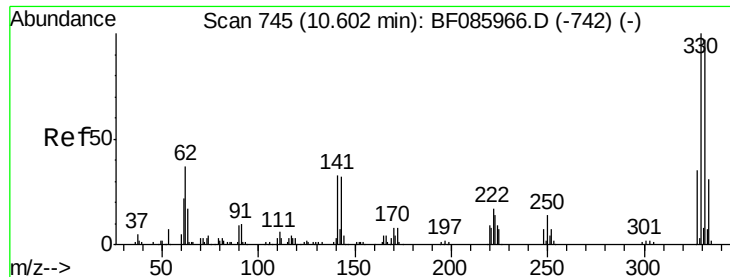
Ion Ratio Lower Upper

164 100

162 99.9 82.1 123.1

160 47.0 37.4 56.2

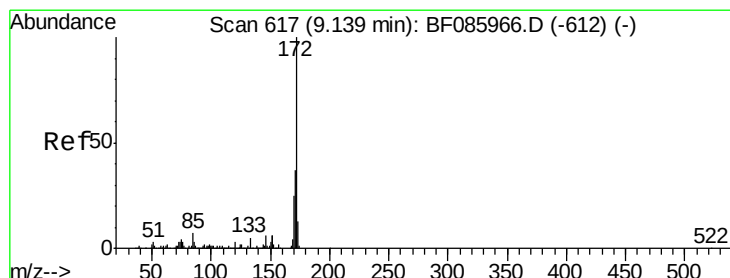
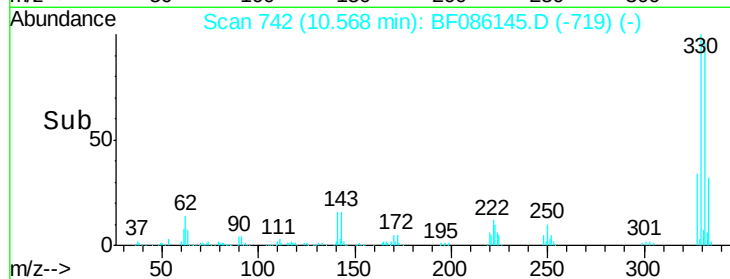
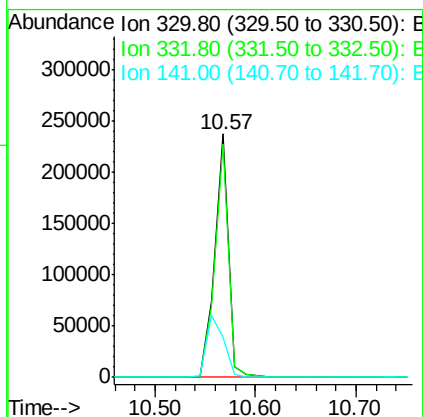
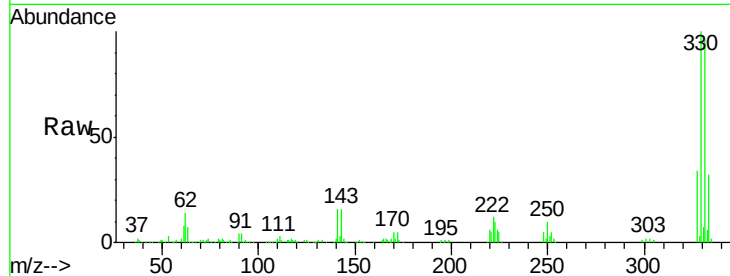




#41
 2,4,6-Tribromophenol
 Concen: 116.23 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086145.D
 Acq: 7 Apr 2016 22:29

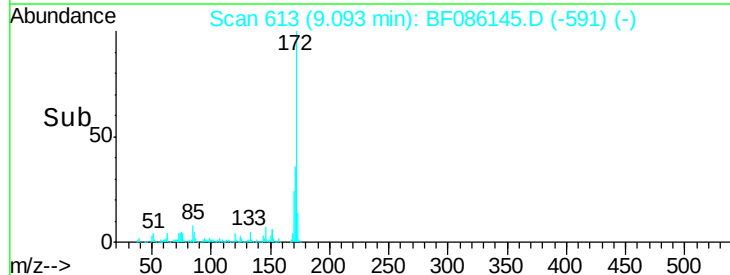
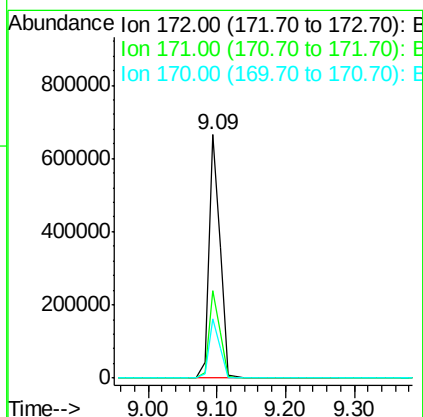
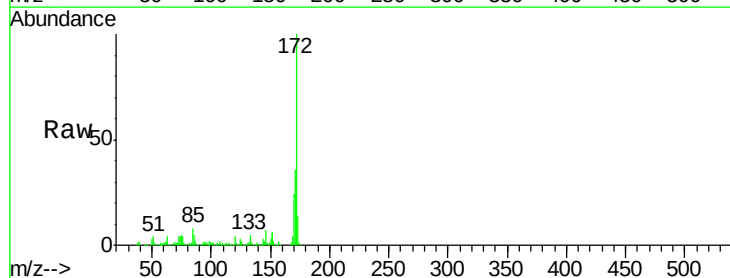
Instrument :
 BNA_F
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 AMBOY-SB-14(0.5-20.0)

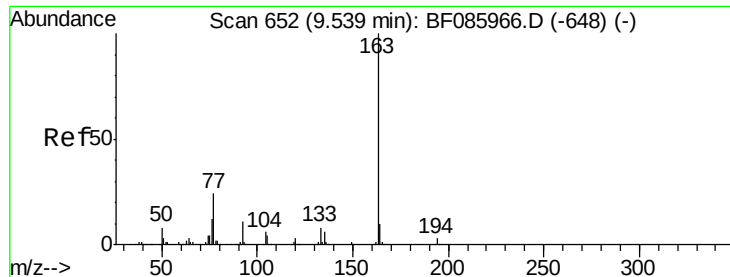
Tgt Ion:330 Resp: 225109
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.2 117.2
 141 32.5 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 60.21 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086145.D
 Acq: 7 Apr 2016 22:29

Tgt Ion:172 Resp: 747170
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.1 19.8 29.6

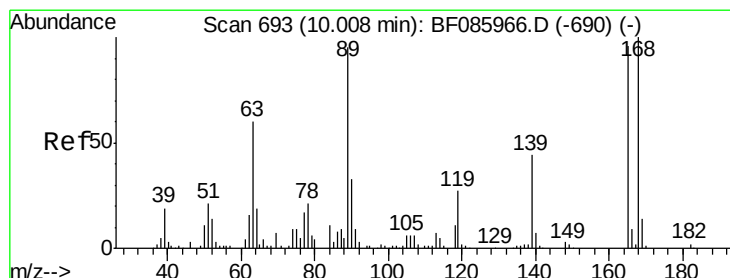
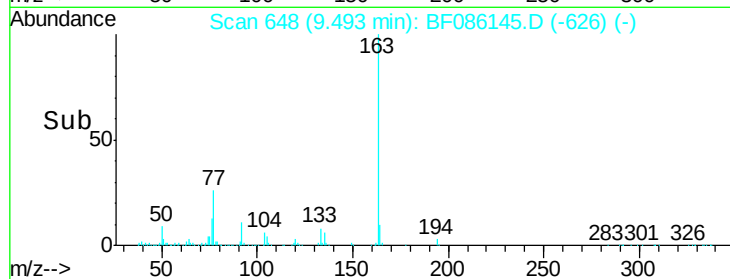
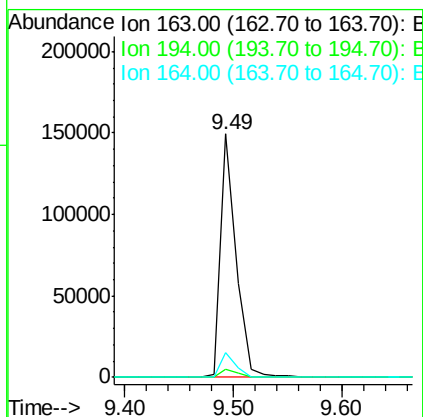
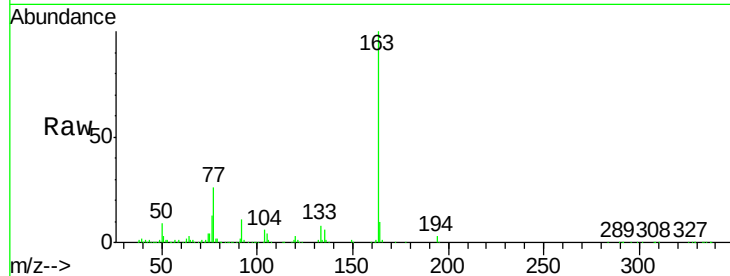




#49
Dimethylphthalate
Concen: 9.76 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

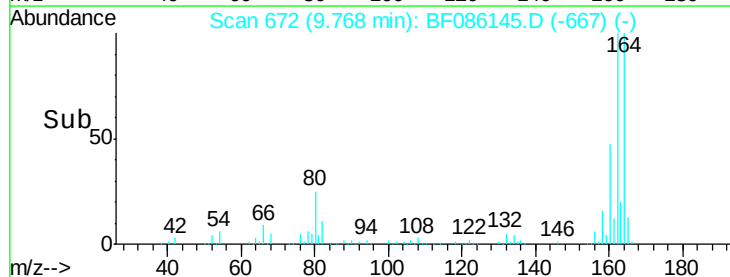
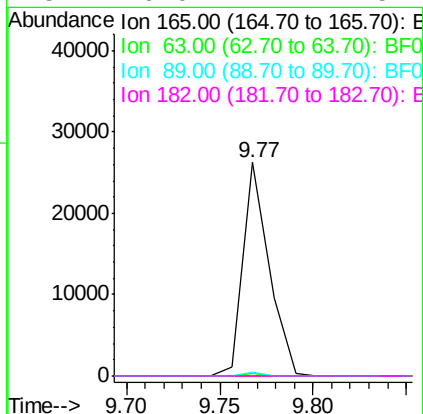
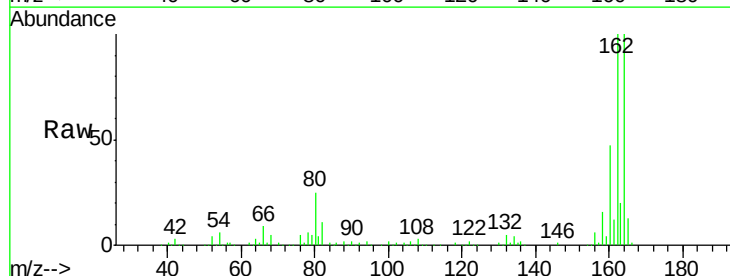
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-14(0.5-20.0)

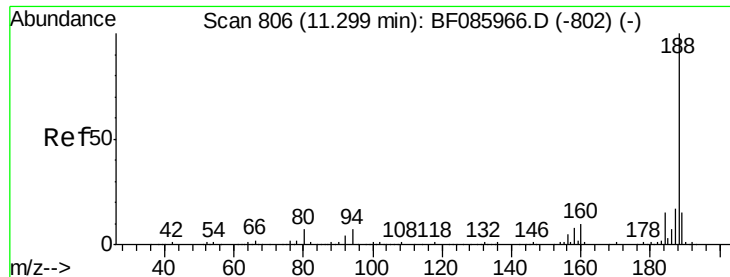
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.2	8.3	12.5



#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#

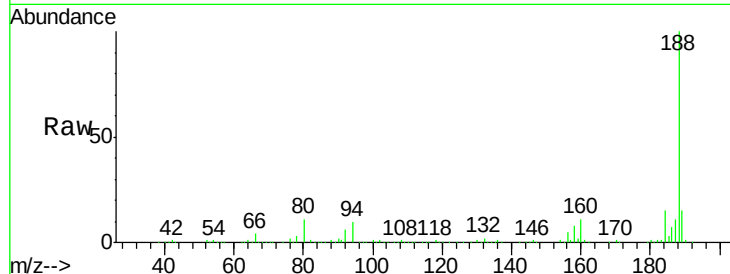




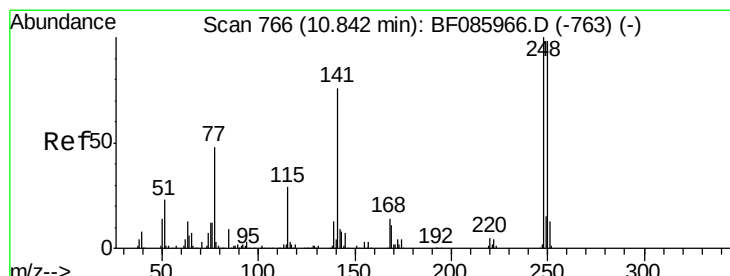
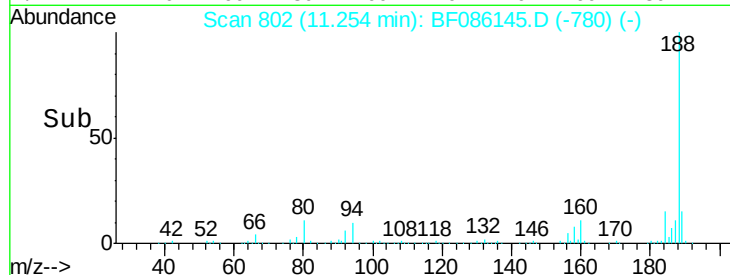
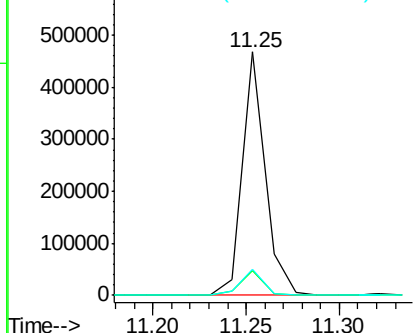
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-14(0.5-20.0)

Tgt Ion:188 Resp: 402590
Ion Ratio Lower Upper
188 100
94 10.4 5.4 8.0#
80 10.9 5.5 8.3#

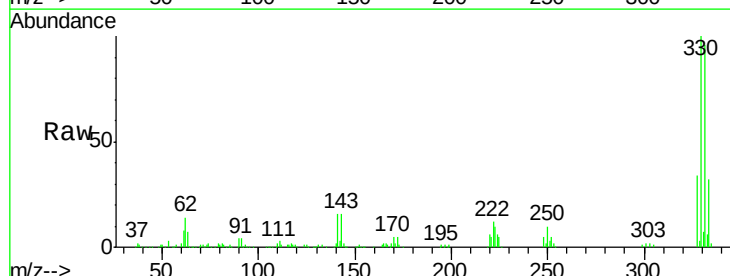


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

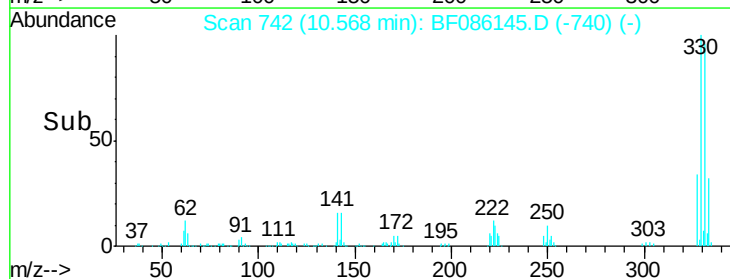
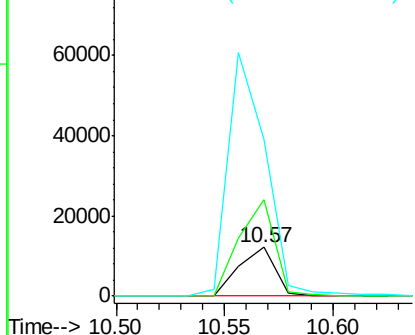


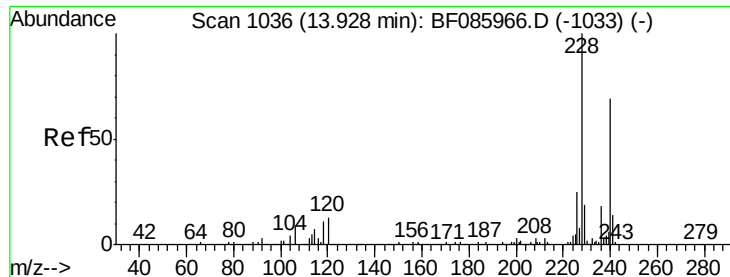
#66
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Tgt Ion:248 Resp: 13856
Ion Ratio Lower Upper
248 100
250 197.8 77.4 116.0#
141 321.3 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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

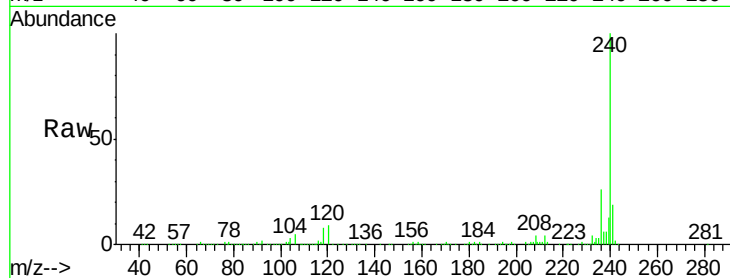
Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-14(0.5-20.0)

Tgt Ion:	240	Resp:	300035
Ion Ratio	Lower	Upper	
240	100		
120	8.8	13.8	20.8#
236	26.5	20.6	30.8

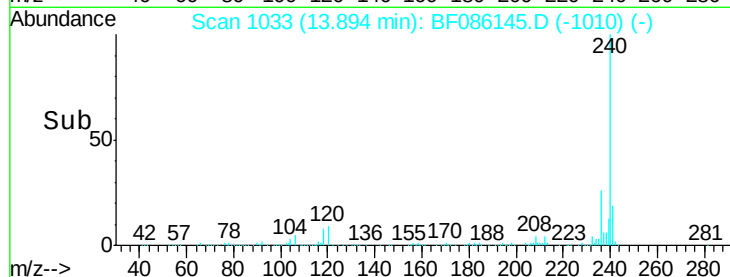


Abundance Ion 240.00 (239.70 to 240.70): E

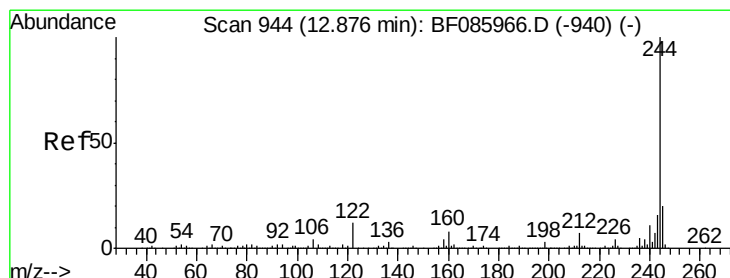
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.89



Time-->



#78

Terphenyl-d14

Concen: 69.46 ng

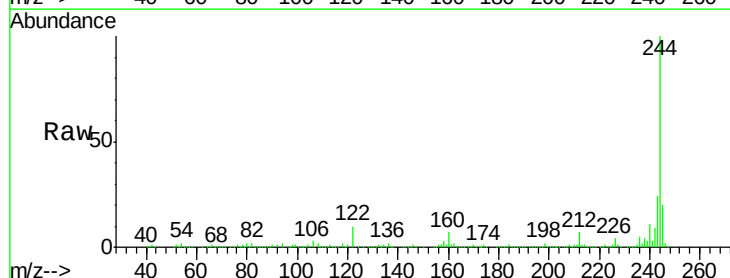
RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

Tgt Ion:	244	Resp:	886521
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.1	9.1
122	9.9	10.2	15.4#

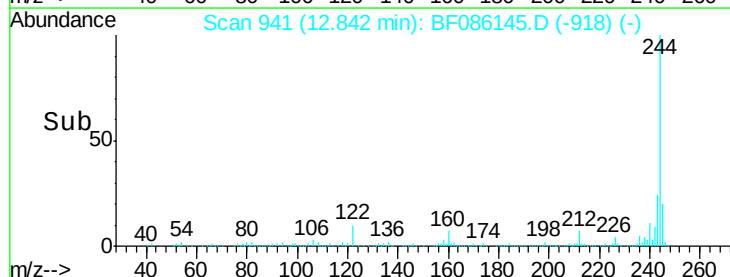


Abundance Ion 244.00 (243.70 to 244.70): E

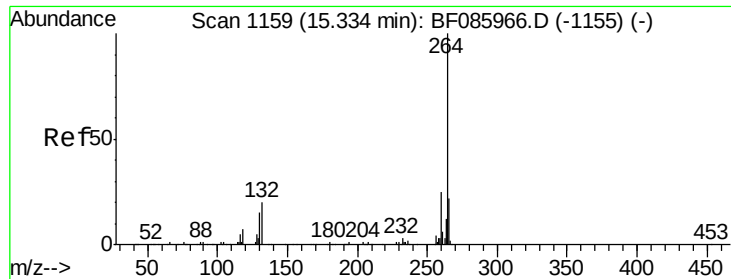
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.84



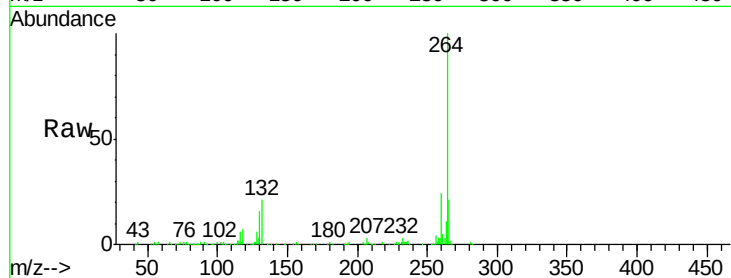
Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-14(0.5-20.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	20.9	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

