

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086156.D
 Acq On : 8 Apr 2016 3:42
 Operator : UM/SJ
 Sample : H2282-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-38(0.5-15.0)

Quant Time: Apr 08 04:08:49 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

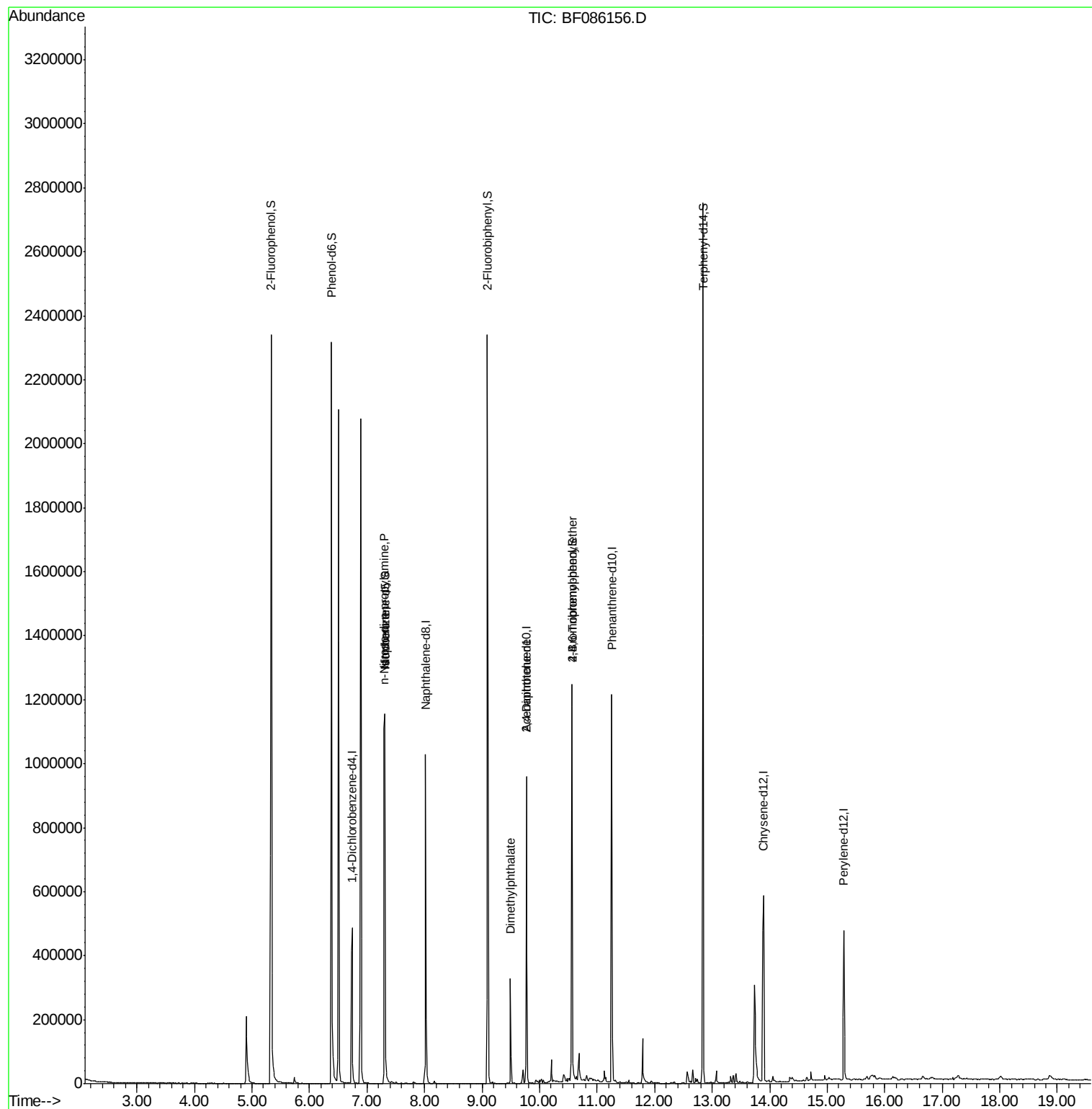
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	112962	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	467657	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	209677	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	411414	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	277142	20.00	ng	-0.03
86) Perylene-d12	15.29	264	207236	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	776895	117.56	ng	-0.03
7) Phenol-d6	6.38	99	1033370	123.10	ng	-0.03
23) Nitrobenzene-d5	7.31	82	610616	77.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	251720	127.91	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	932846	73.97	ng	-0.05
78) Terphenyl-d14	12.84	244	979881	83.11	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	78398	15.07	ng	# 80
25) Isophorone	7.31	82	603007	38.52	ng	# 68
49) Dimethylphthalate	9.49	163	132162	8.50	ng	99
56) 2,4-Dinitrotoluene	9.77	165	26109	6.28	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	15029	3.58	ng	# 1

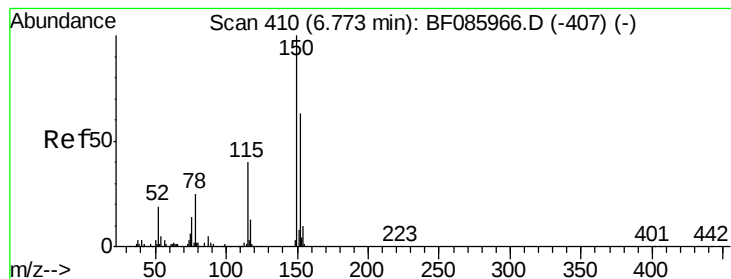
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086156.D

Acq: 8 Apr 2016 3:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-38(0.5-15.0)

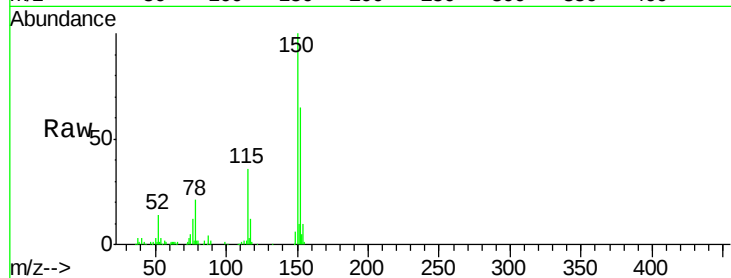
Tgt Ion:152 Resp: 112962

Ion Ratio Lower Upper

152 100

150 152.8 124.2 186.2

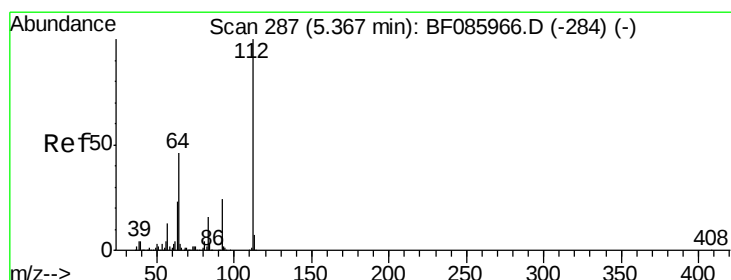
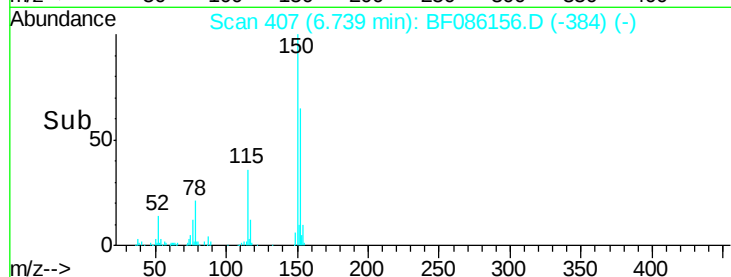
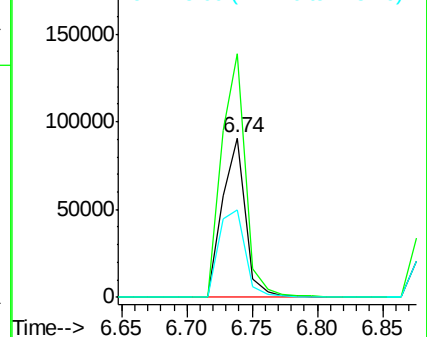
115 55.1 47.0 70.6



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: 117.56 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086156.D

Acq: 8 Apr 2016 3:42

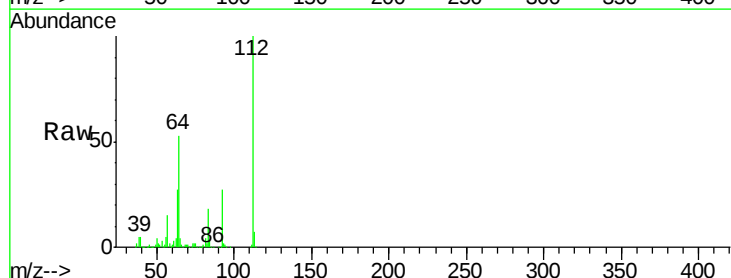
Tgt Ion:112 Resp: 776895

Ion Ratio Lower Upper

112 100

64 52.6 39.9 59.9

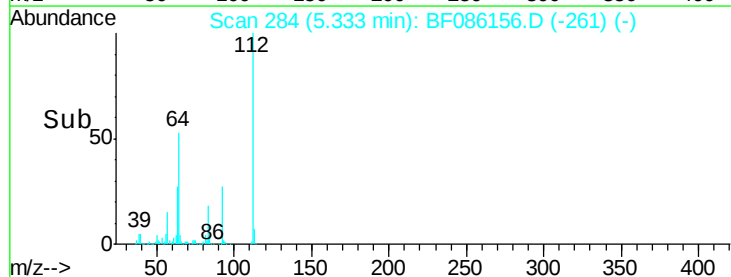
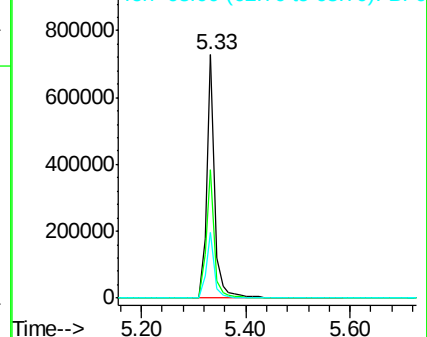
63 27.0 20.2 30.2



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: 123.10 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086156.D

Acq: 8 Apr 2016 3:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-38(0.5-15.0)

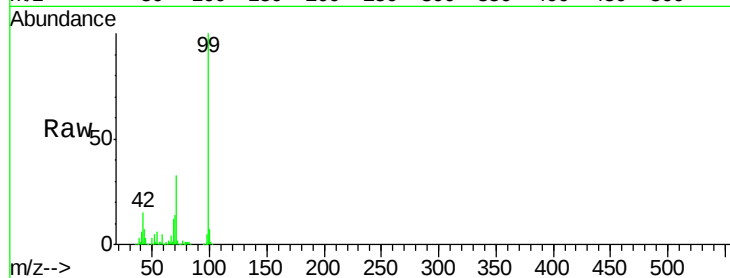
Tgt Ion: 99 Resp: 1033370

Ion Ratio Lower Upper

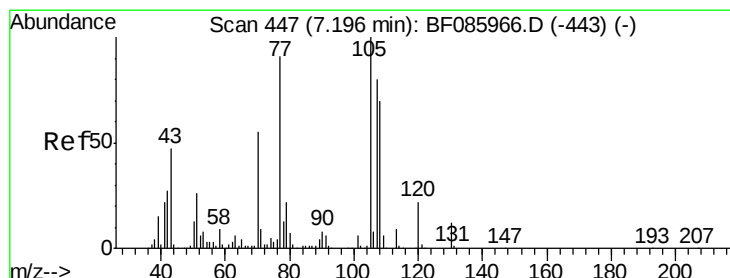
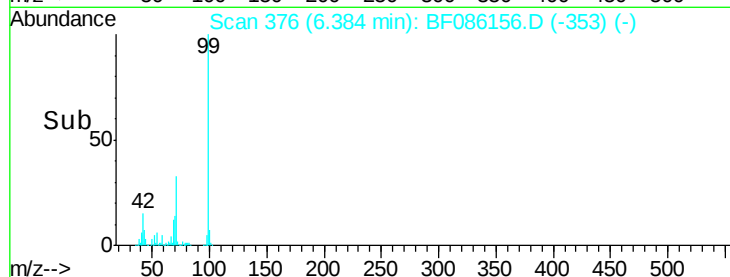
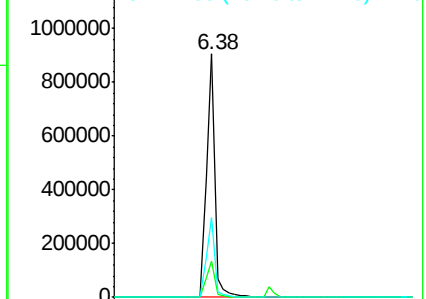
99 100

42 14.7 11.1 16.7

71 32.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.07 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086156.D

Acq: 8 Apr 2016 3:42

Tgt Ion: 70 Resp: 78398

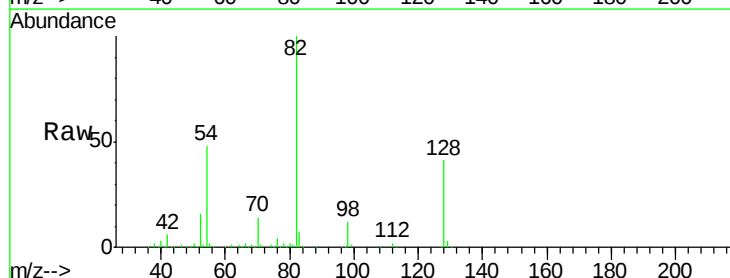
Ion Ratio Lower Upper

70 100

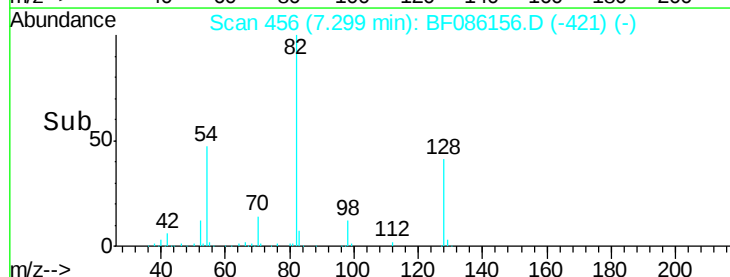
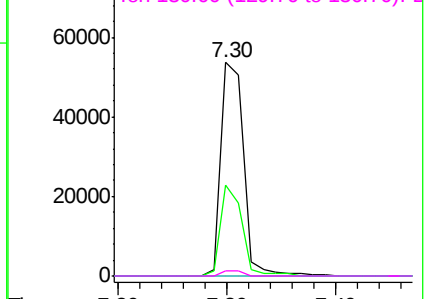
42 42.8 37.1 55.7

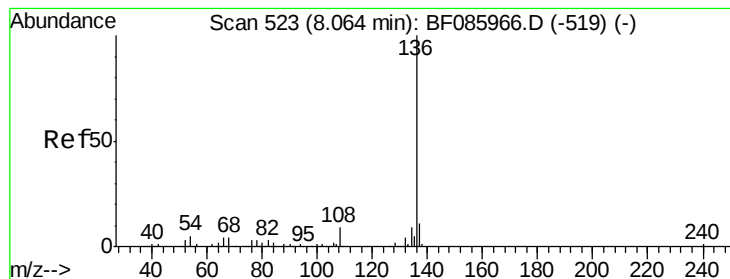
101 0.0 8.6 12.8#

130 2.3 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: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086156.D

Acq: 8 Apr 2016 3:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-38(0.5-15.0)

Tgt Ion: 136 Resp: 467657

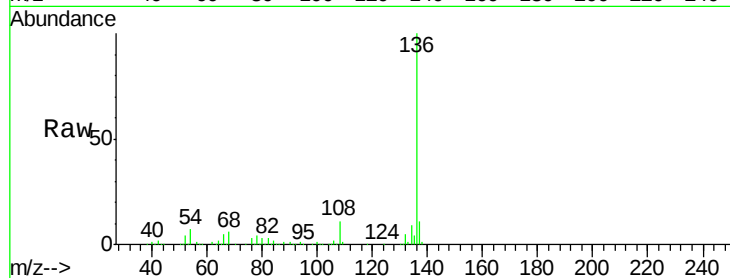
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.3 7.4 11.0#

68 6.3 5.8 8.8

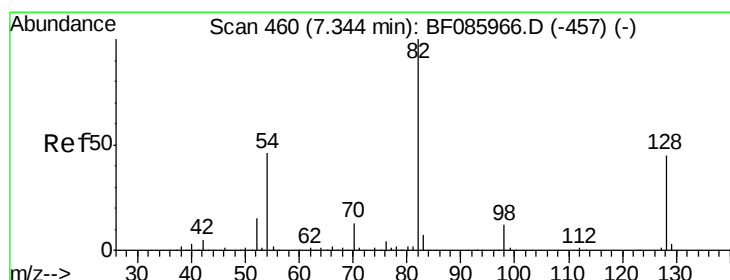
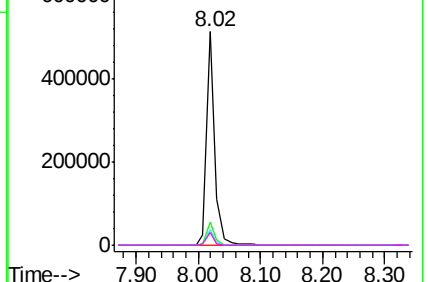
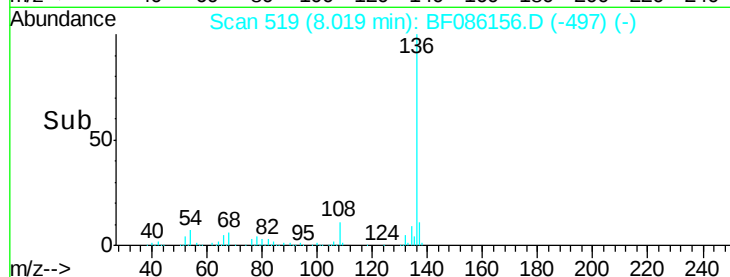


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.00 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086156.D

Acq: 8 Apr 2016 3:42

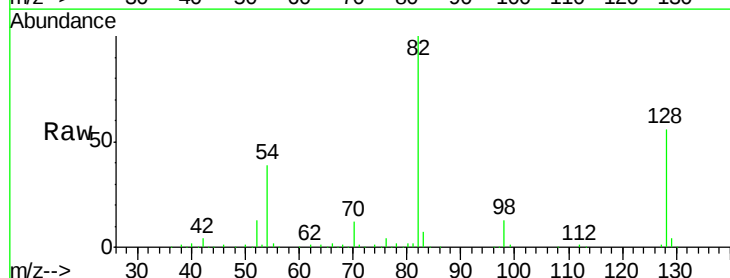
Tgt Ion: 82 Resp: 610616

Ion Ratio Lower Upper

82 100

128 56.0 41.8 62.8

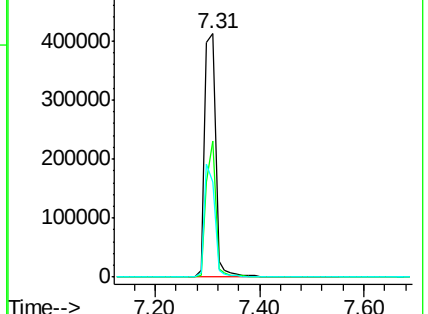
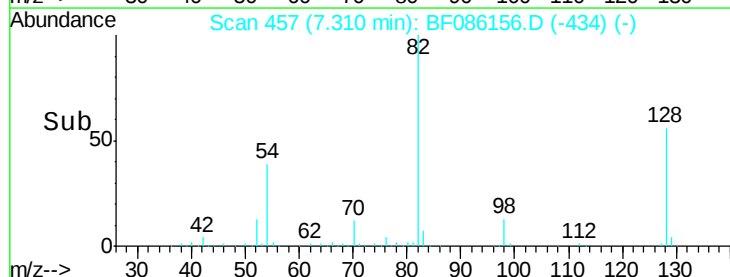
54 39.1 33.4 50.0

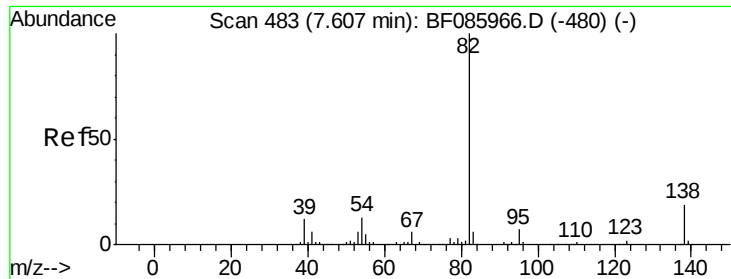


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

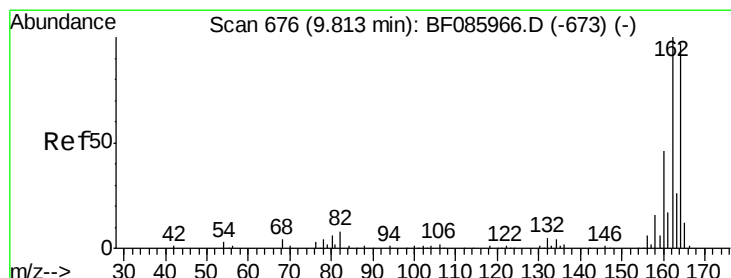
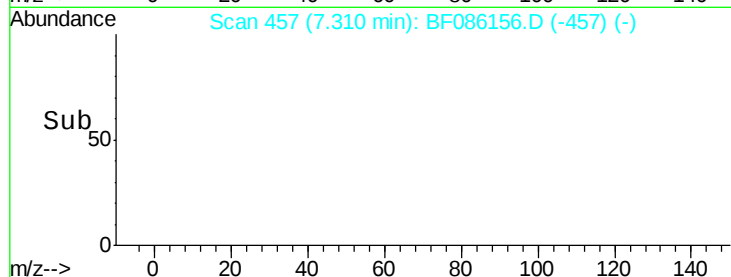
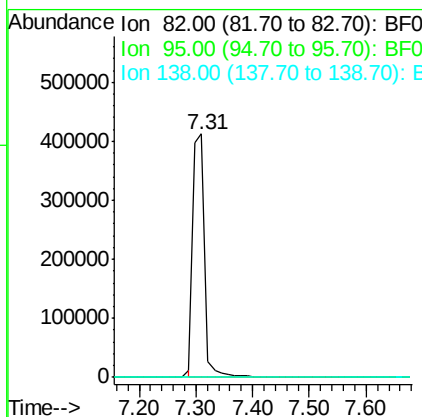
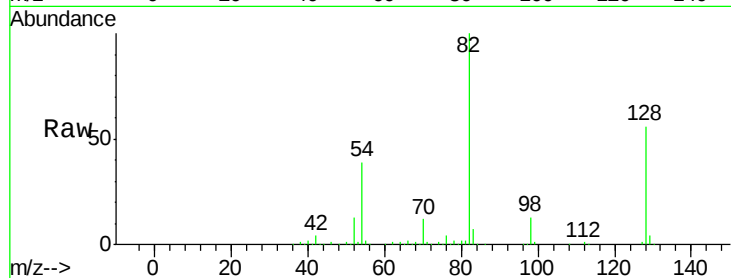




#25
Isophorone
Concen: 38.52 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086156.D
Acq: 8 Apr 2016 3:42

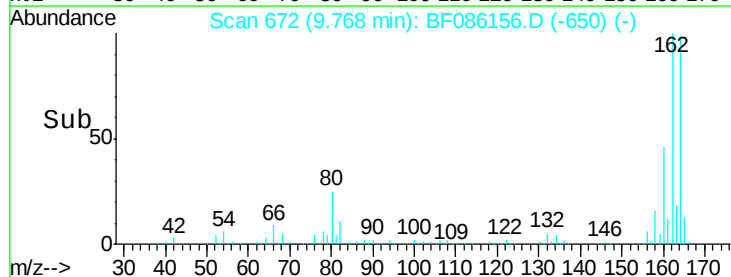
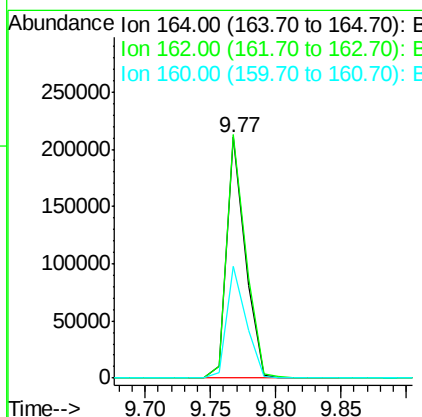
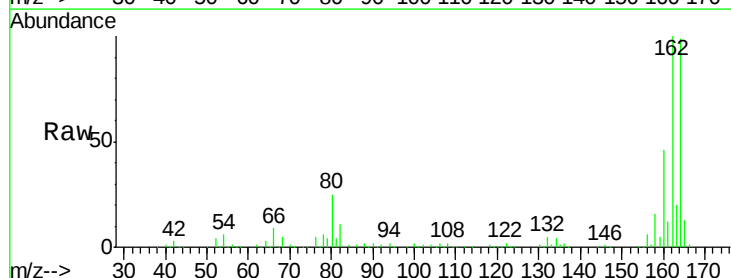
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-38(0.5-15.0)

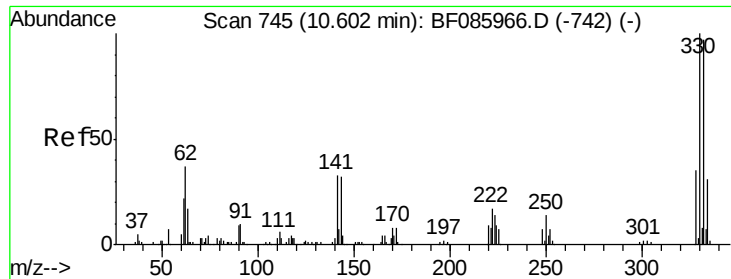
Tgt Ion: 82 Resp: 603007
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086156.D
Acq: 8 Apr 2016 3:42

Tgt Ion: 164 Resp: 209677
Ion Ratio Lower Upper
164 100
162 101.1 82.1 123.1
160 46.3 37.4 56.2

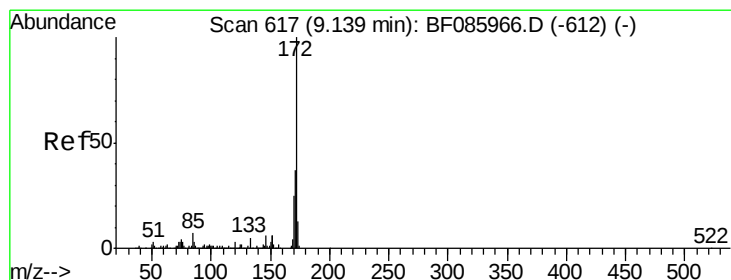
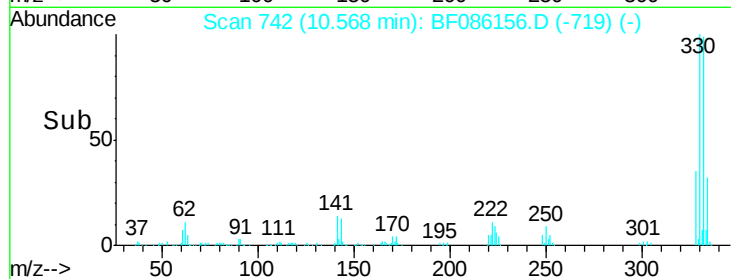
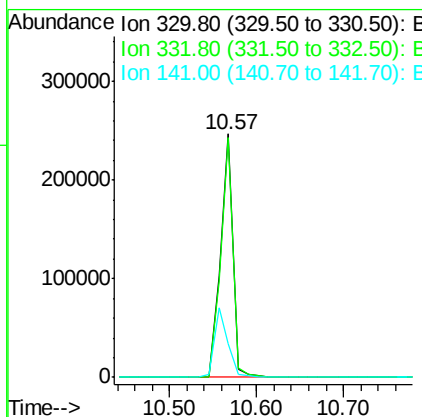
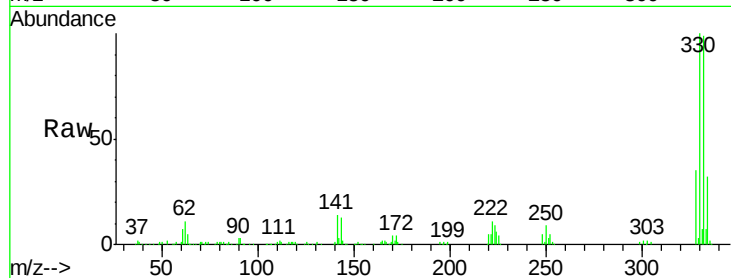




#41
 2,4,6-Tribromophenol
 Concen: 127.91 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086156.D
 Acq: 8 Apr 2016 3:42

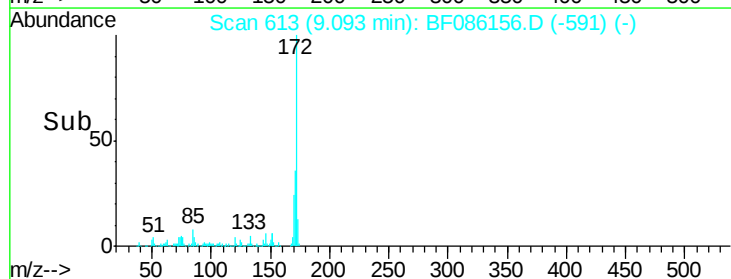
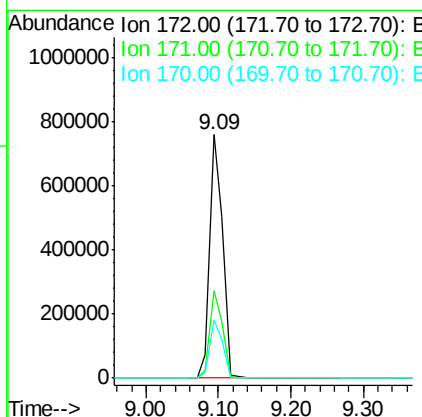
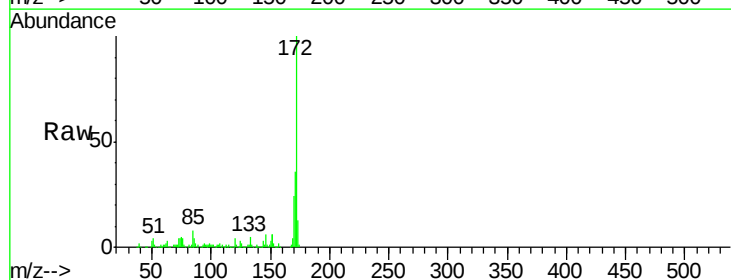
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-38(0.5-15.0)

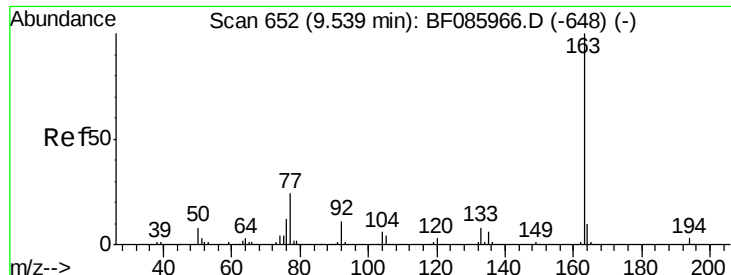
Tgt Ion:330 Resp: 251720
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 30.8 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 73.97 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086156.D
 Acq: 8 Apr 2016 3:42

Tgt Ion:172 Resp: 932846
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.1 19.8 29.6

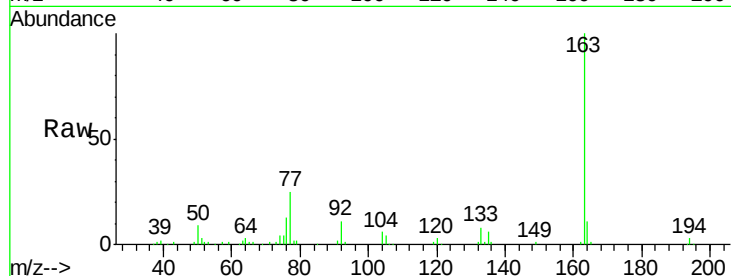




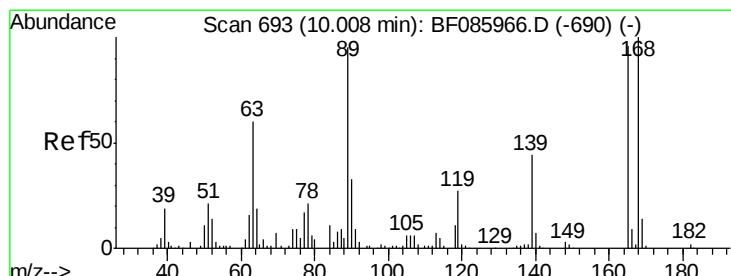
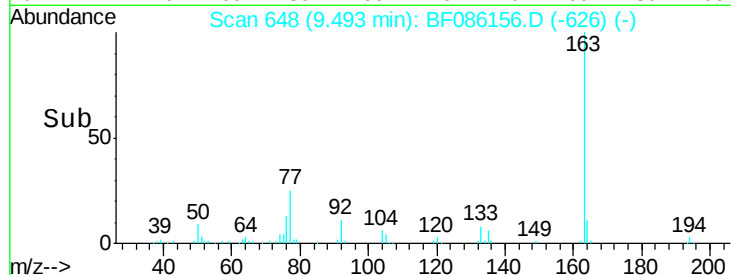
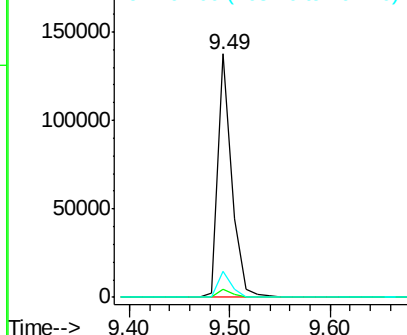
#49
Dimethylphthalate
Concen: 8.50 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086156.D
Acq: 8 Apr 2016 3:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-38(0.5-15.0)

Tgt Ion:163 Resp: 132162
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.7 8.3 12.5

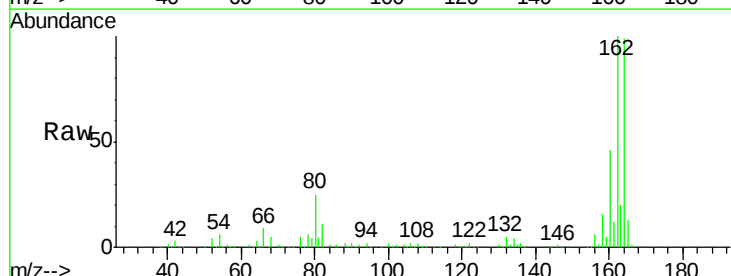


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

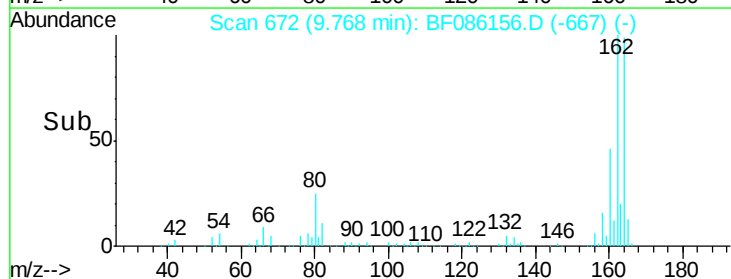
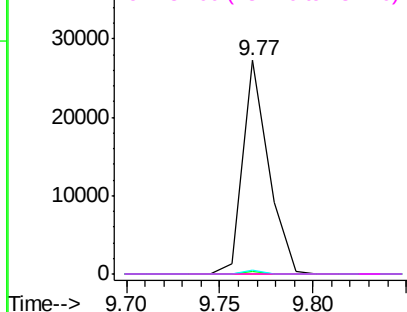


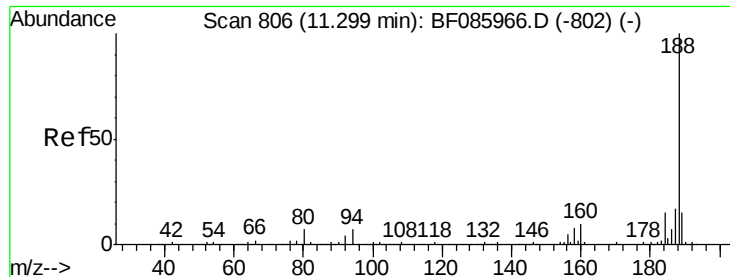
#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086156.D
Acq: 8 Apr 2016 3:42

Tgt Ion:165 Resp: 26109
Ion Ratio Lower Upper
165 100
63 1.5 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

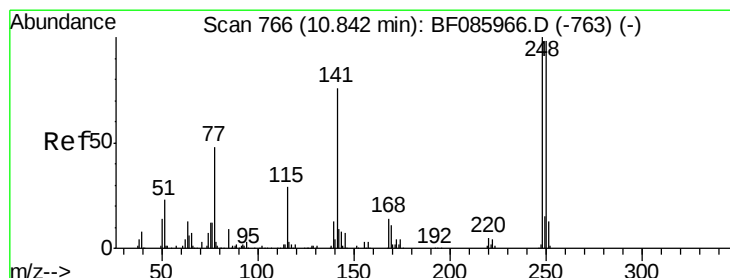
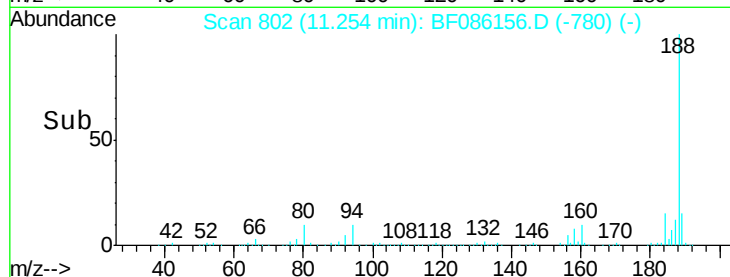
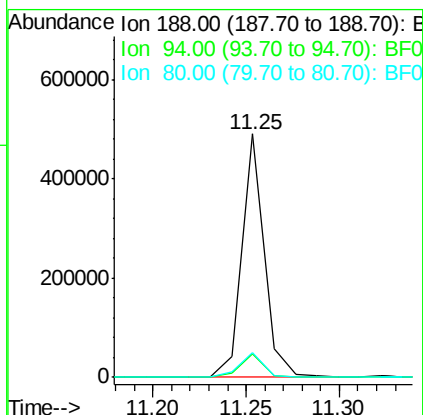
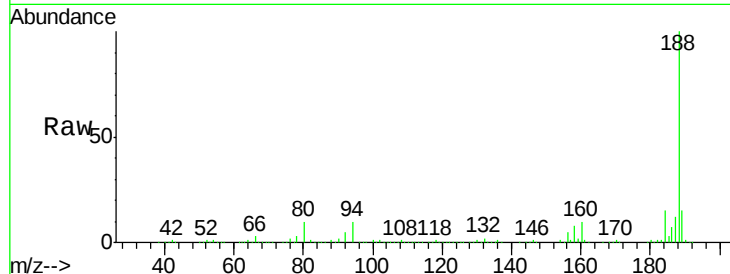




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086156.D
Acq: 8 Apr 2016 3:42

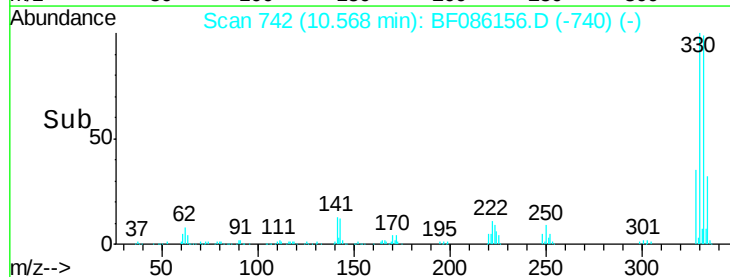
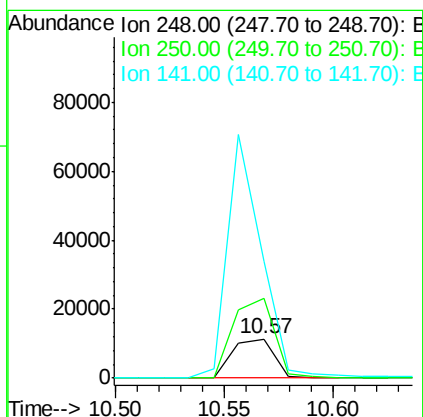
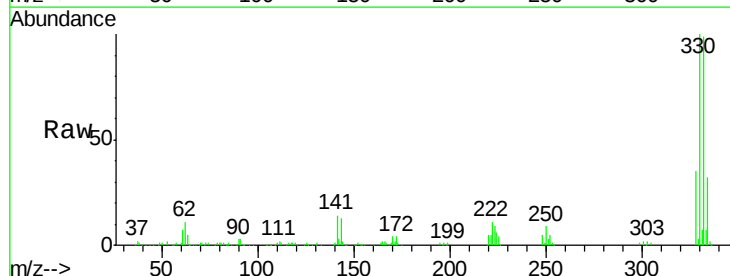
Instrument :
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AMBOY-SB-38(0.5-15.0)

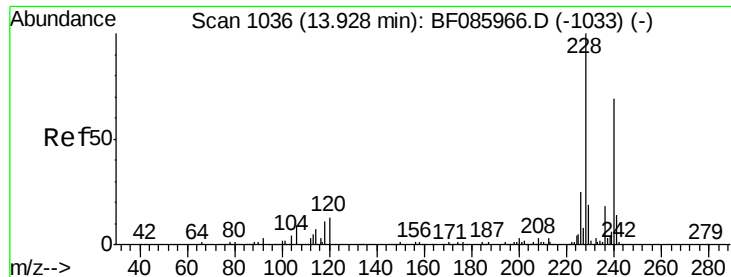
Tgt Ion:188 Resp: 411414
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 10.4 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086156.D
Acq: 8 Apr 2016 3:42

Tgt Ion:248 Resp: 15029
Ion Ratio Lower Upper
248 100
250 203.0 77.4 116.0#
141 300.7 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086156.D

Acq: 8 Apr 2016 3:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-38(0.5-15.0)

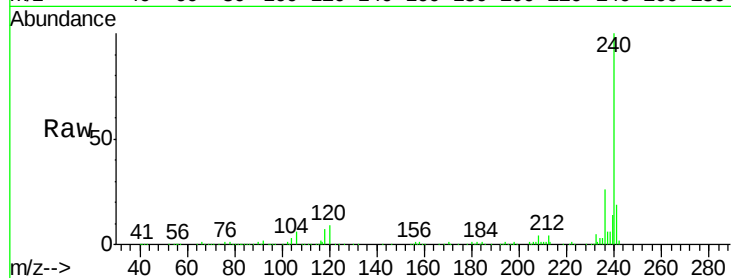
Tgt Ion:240 Resp: 277142

Ion Ratio Lower Upper

240 100

120 8.6 13.8 20.8#

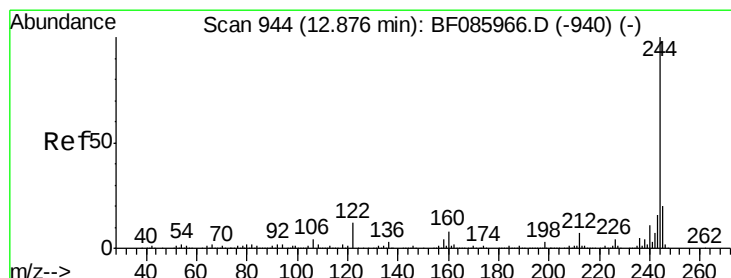
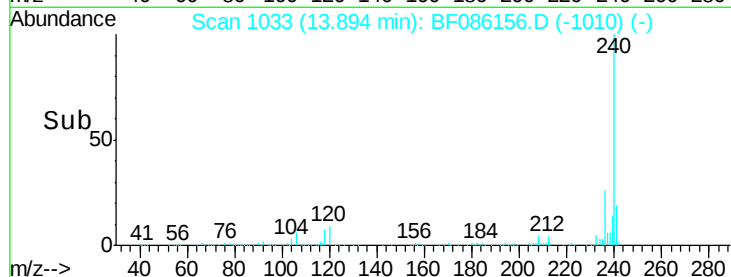
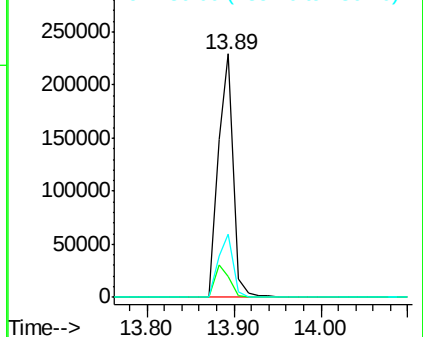
236 26.1 20.6 30.8



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: 83.11 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086156.D

Acq: 8 Apr 2016 3:42

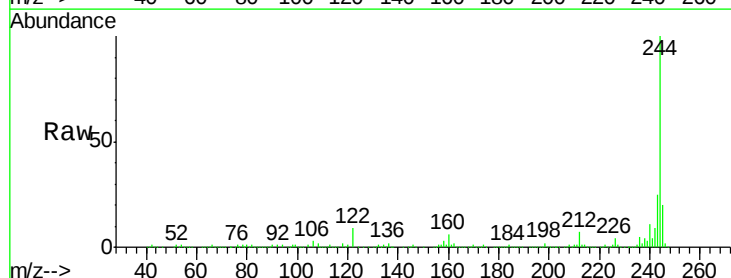
Tgt Ion:244 Resp: 979881

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

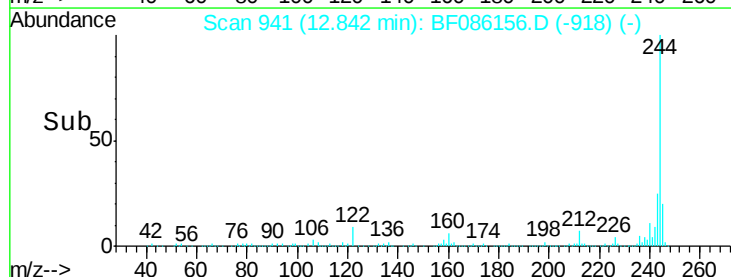
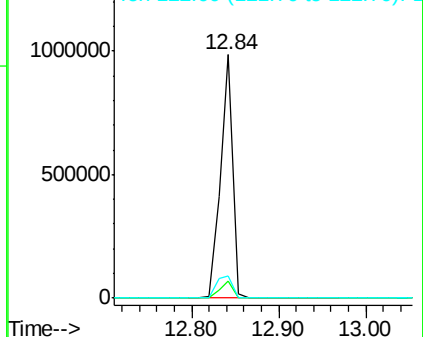
122 9.0 10.2 15.4#

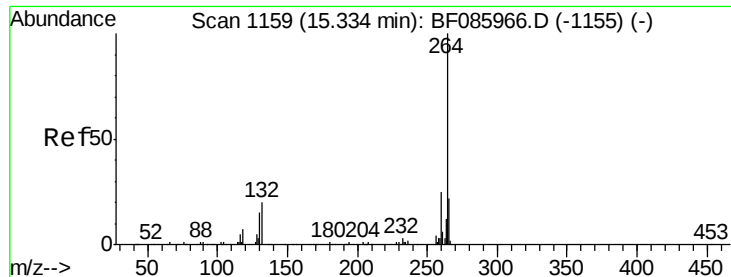


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086156.D
Acq: 8 Apr 2016 3:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-38(0.5-15.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.7	17.2	25.8

