

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086195.D
 Acq On : 9 Apr 2016 3:53
 Operator : UM/SJ
 Sample : H2346-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-18(0.5-20.0)

Quant Time: Apr 09 05:31:09 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

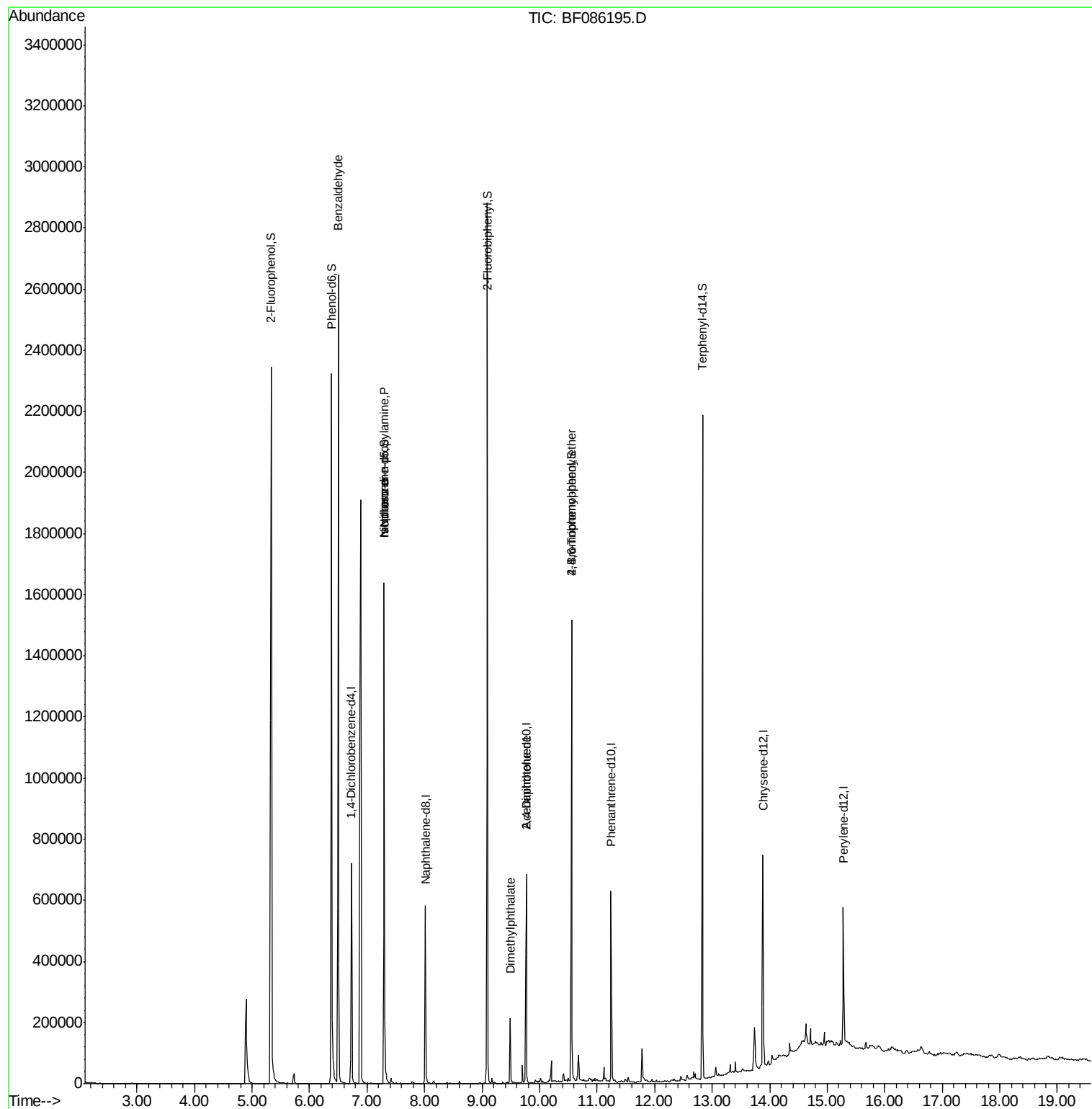
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	109332	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	399395	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	166645	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	257084	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	226523	20.00	ng	-0.05
86) Perylene-d12	15.28	264	178796	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	866643	135.49	ng	-0.03
7) Phenol-d6	6.38	99	1053409	129.66	ng	-0.03
23) Nitrobenzene-d5	7.30	82	602265	88.93	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	189090	120.89	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	956268	95.41	ng	-0.05
78) Terphenyl-d14	12.83	244	650007	67.45	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.50	77	16450	3.76	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.30	70	80047	15.90	ng	# 77
25) Isophorone	7.30	82	481063	35.98	ng	# 68
49) Dimethylphthalate	9.49	163	137323	11.12	ng	98
56) 2,4-Dinitrotoluene	9.77	165	20703	6.27	ng	# 36
66) 4-Bromophenyl-phenylether	10.56	248	12944	4.93	ng	# 1

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

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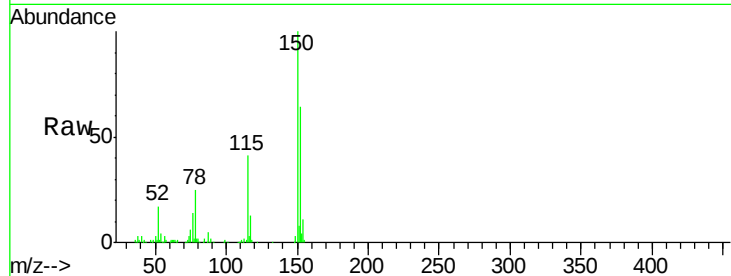


#1

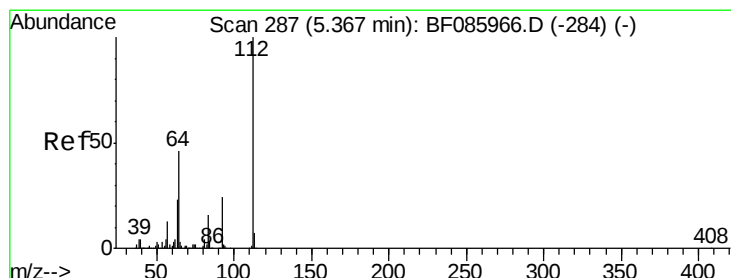
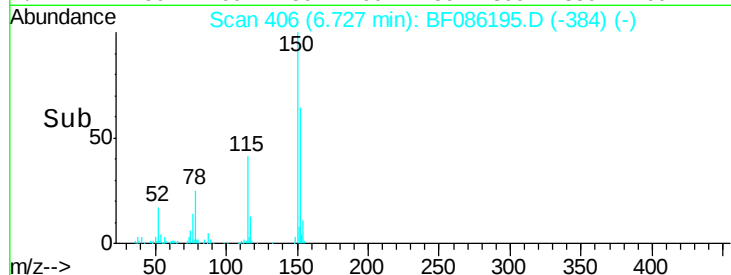
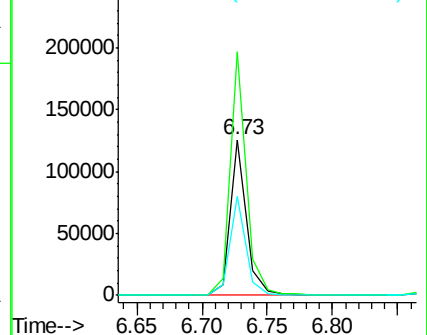
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086195.D
Acq: 9 Apr 2016 3:53

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-18(0.5-20.0)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	63.5	47.0	70.6



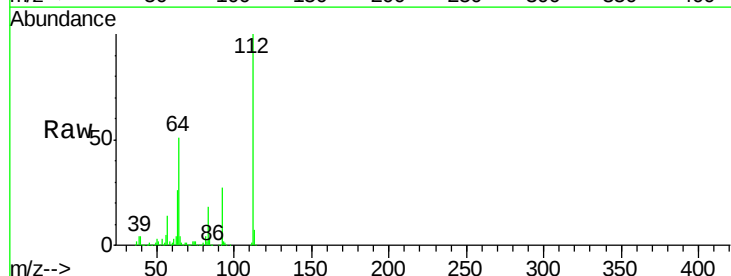
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



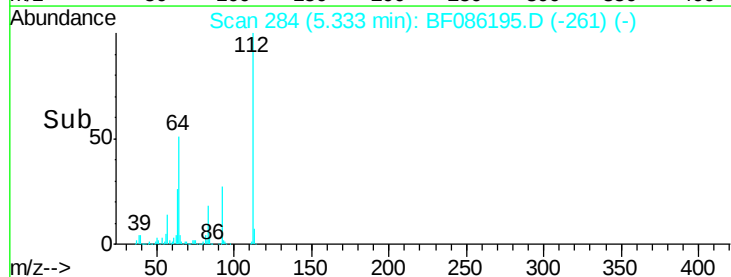
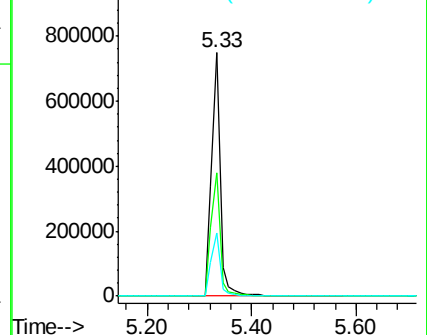
#5

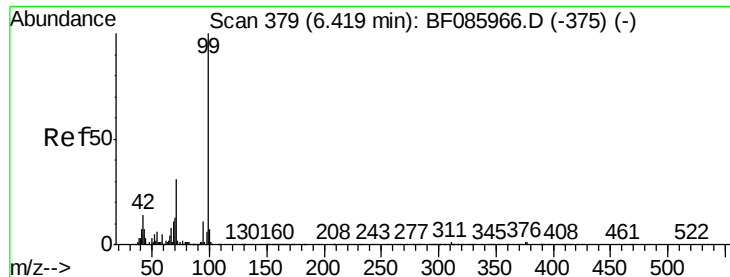
2-Fluorophenol
Concen: 135.49 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086195.D
Acq: 9 Apr 2016 3:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	39.9	59.9
63	25.9	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: 129.66 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-18(0.5-20.0)

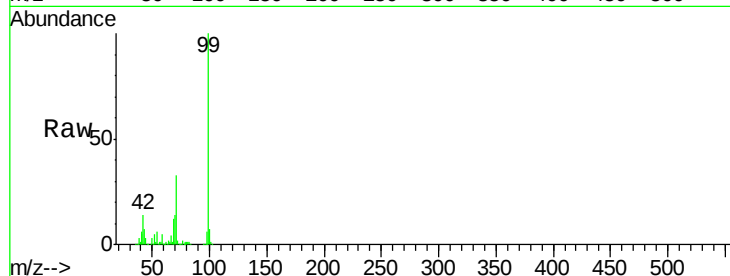
Tgt Ion: 99 Resp: 1053409

Ion Ratio Lower Upper

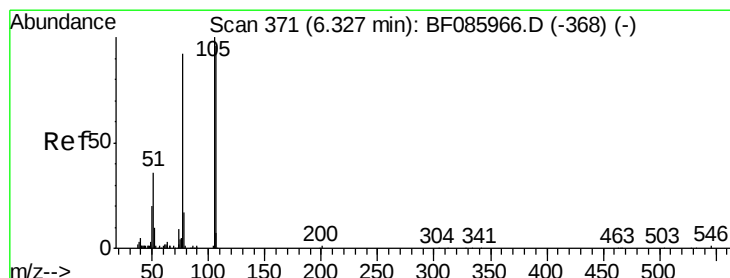
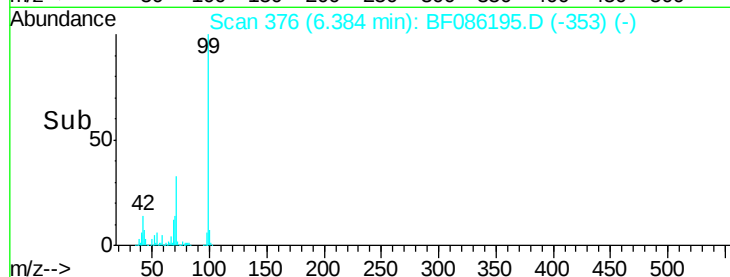
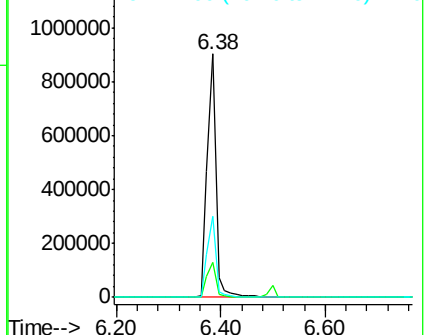
99 100

42 14.2 11.1 16.7

71 33.5 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



#9

Benzaldehyde

Concen: 3.76 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

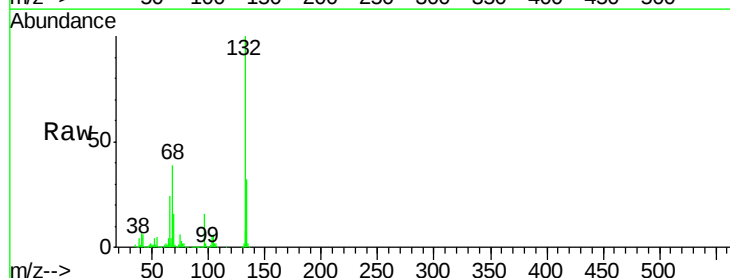
Tgt Ion: 77 Resp: 16450

Ion Ratio Lower Upper

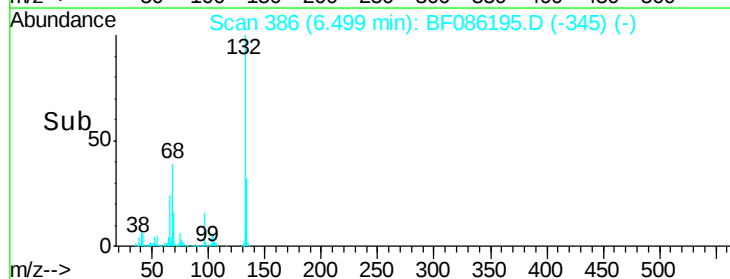
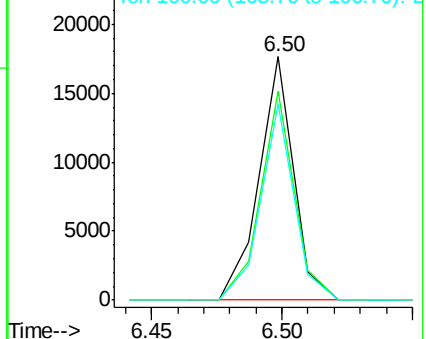
77 100

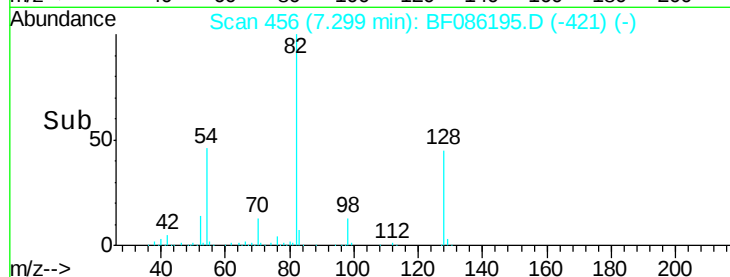
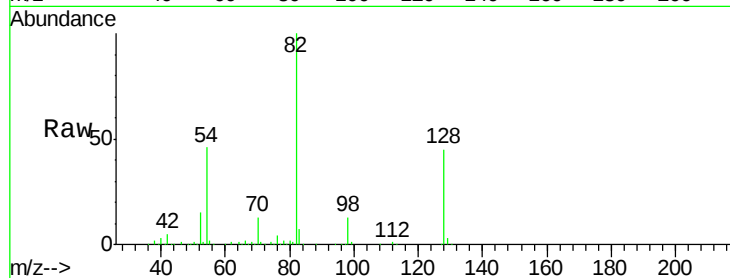
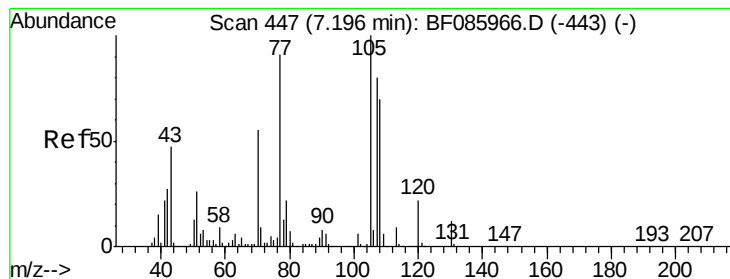
105 86.1 80.1 120.1

106 80.4 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.90 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.10 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-18(0.5-20.0)

Tgt Ion: 70 Resp: 80047

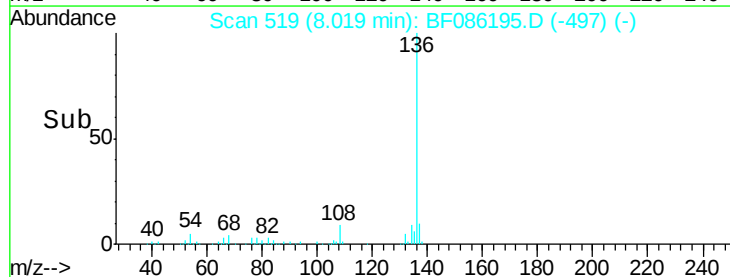
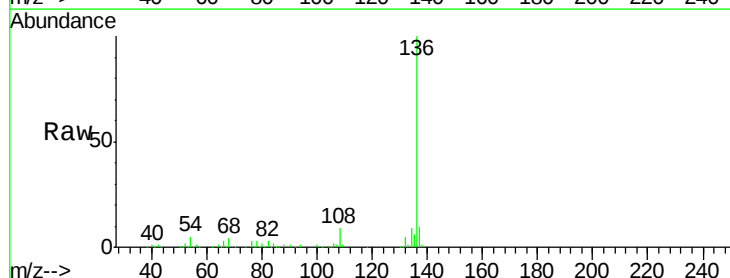
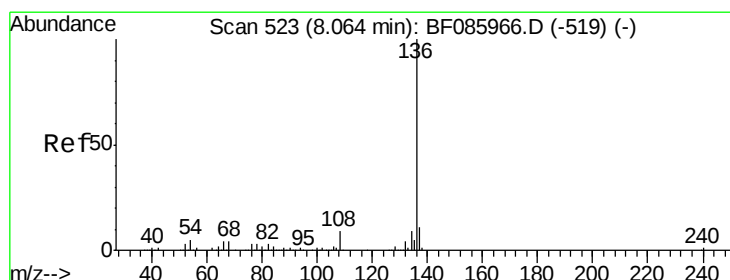
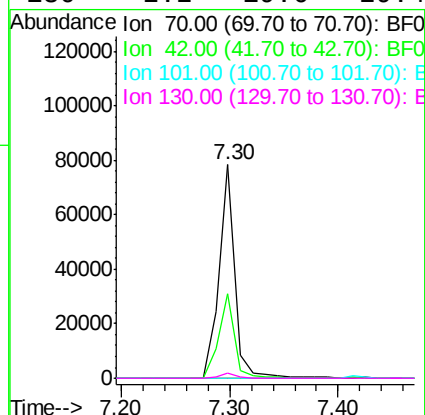
Ion Ratio Lower Upper

70 100

42 39.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 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: BF086195.D

Acq: 9 Apr 2016 3:53

Tgt Ion: 136 Resp: 399395

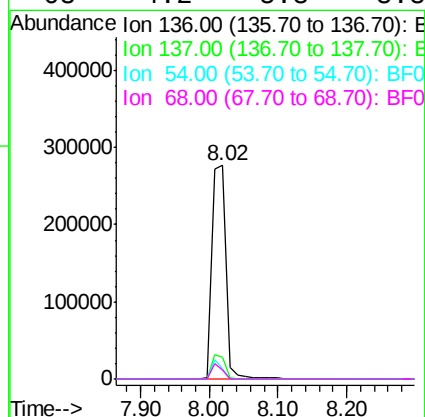
Ion Ratio Lower Upper

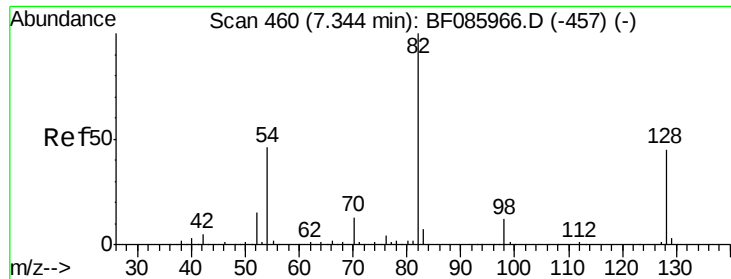
136 100

137 10.4 9.1 13.7

54 4.5 7.4 11.0#

68 4.2 5.8 8.8#

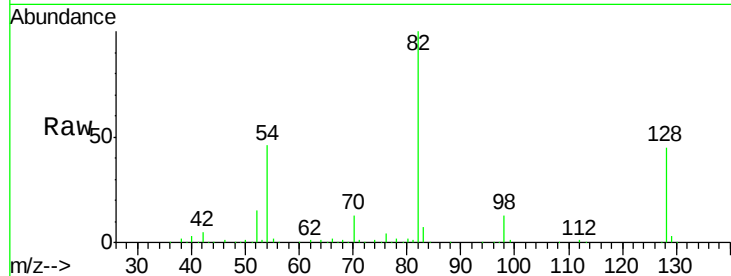




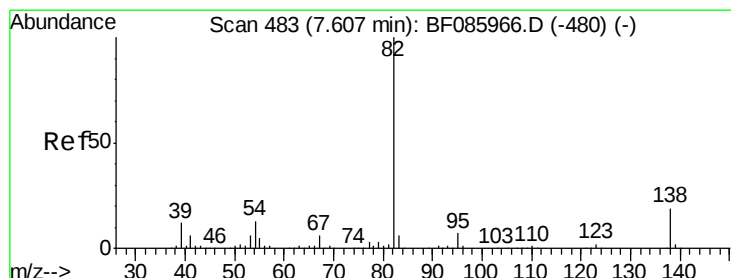
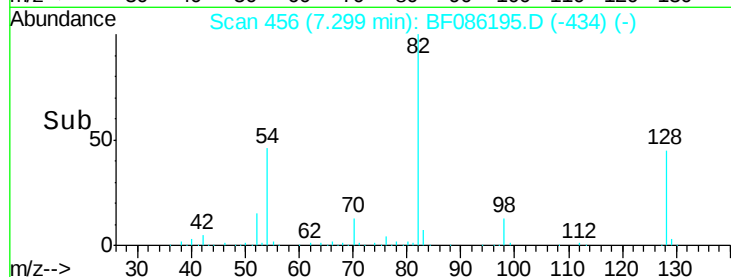
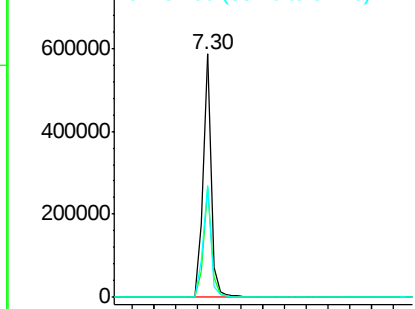
#23
Nitrobenzene-d5
Concen: 88.93 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086195.D
Acq: 9 Apr 2016 3:53

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-18(0.5-20.0)

Tgt Ion: 82 Resp: 602265
Ion Ratio Lower Upper
82 100
128 44.9 41.8 62.8
54 45.9 33.4 50.0

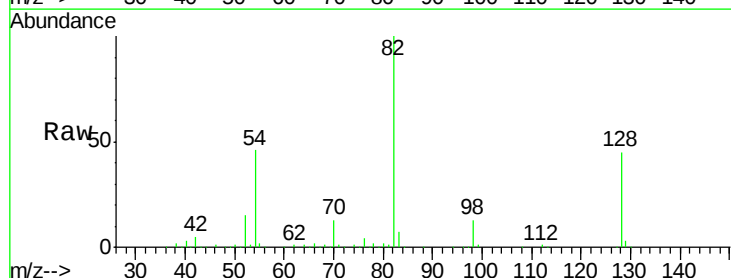


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

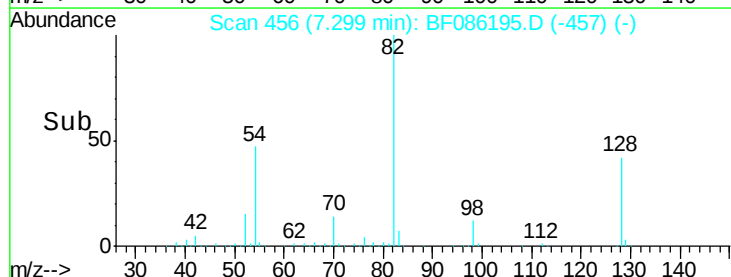
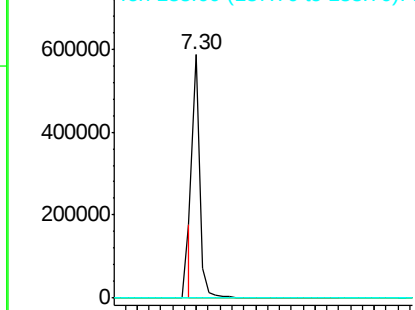


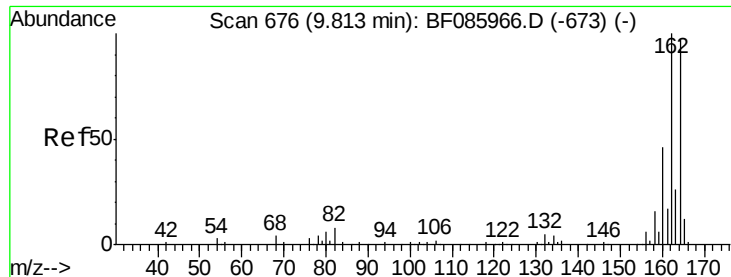
#25
Isophorone
Concen: 35.98 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086195.D
Acq: 9 Apr 2016 3:53

Tgt Ion: 82 Resp: 481063
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: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-18(0.5-20.0)

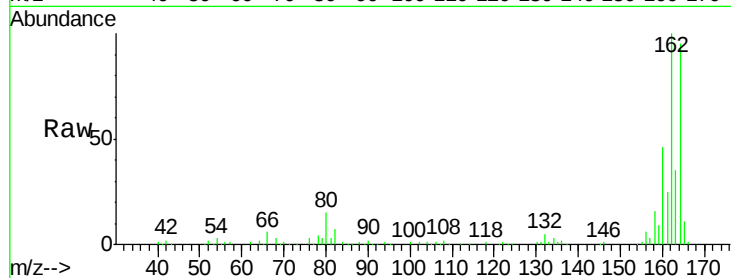
Tgt Ion:164 Resp: 166645

Ion Ratio Lower Upper

164 100

162 104.8 82.1 123.1

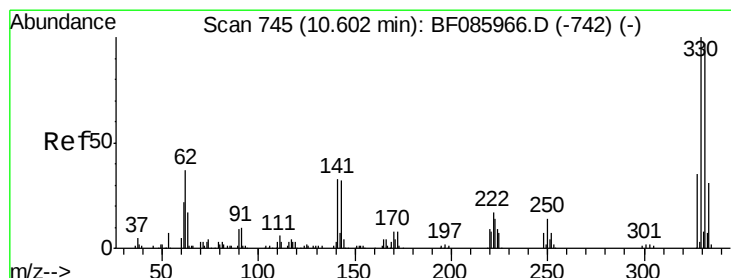
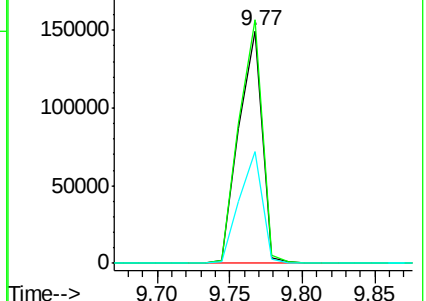
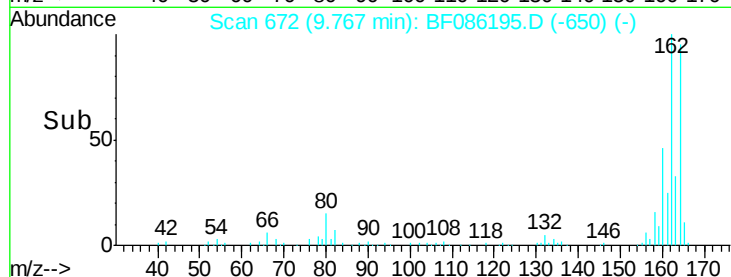
160 48.2 37.4 56.2



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: 120.89 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

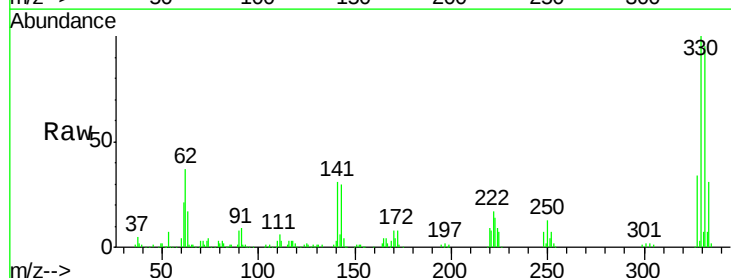
Tgt Ion:330 Resp: 189090

Ion Ratio Lower Upper

330 100

332 95.7 78.2 117.2

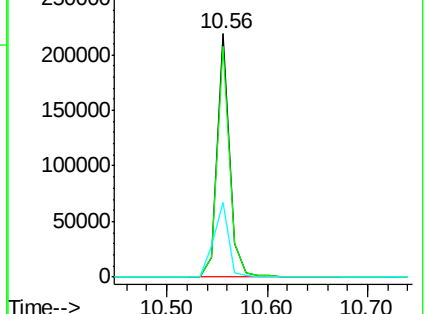
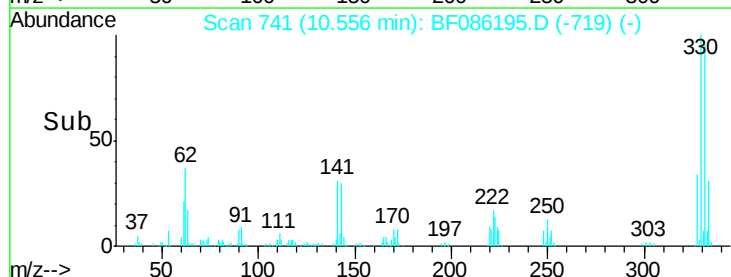
141 37.1 31.5 47.3

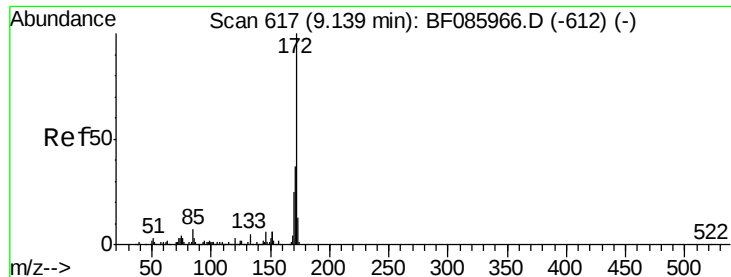


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

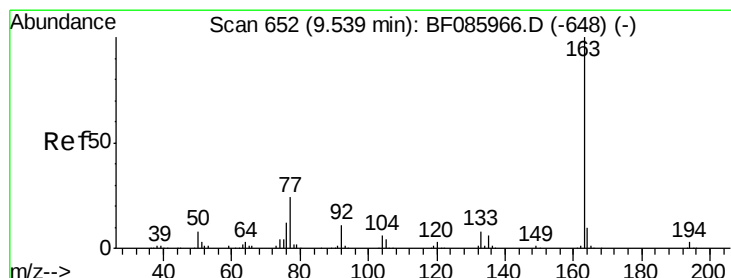
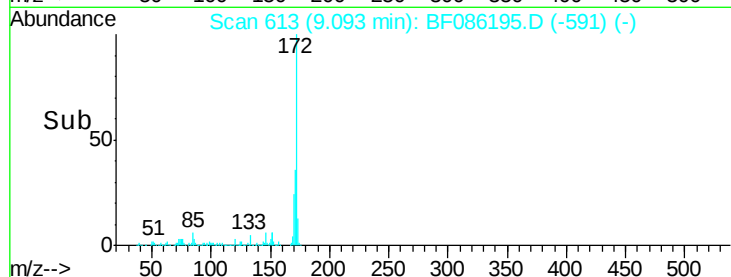
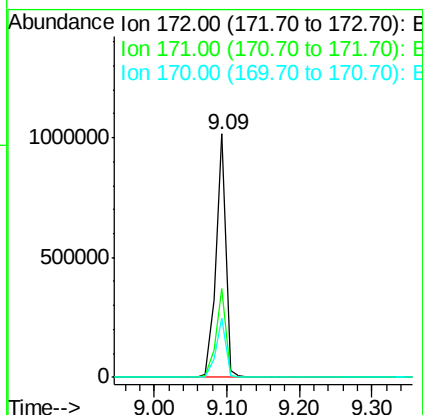
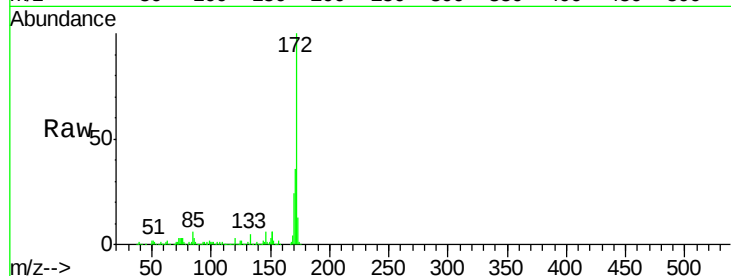




#44
2-Fluorobiphenyl
Concen: 95.41 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086195.D
Acq: 9 Apr 2016 3:53

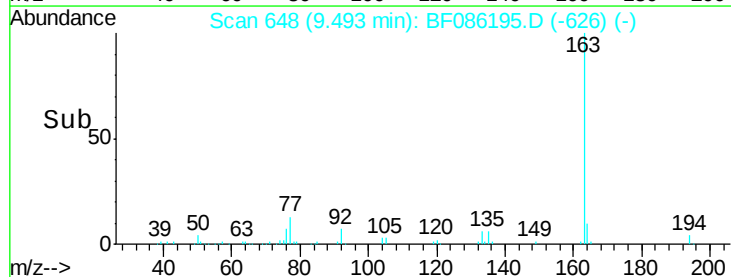
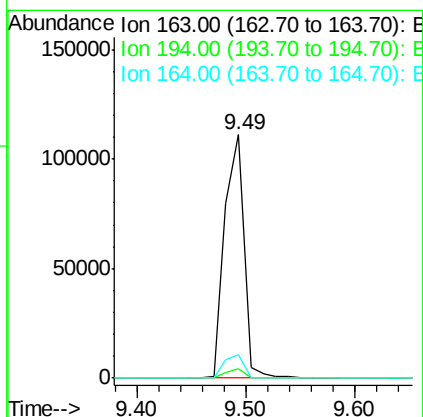
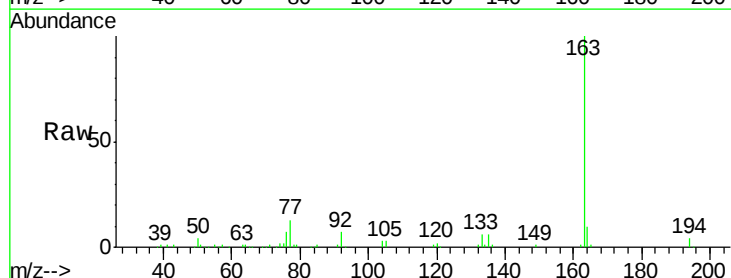
Instrument :
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AMBOY-SB-18(0.5-20.0)

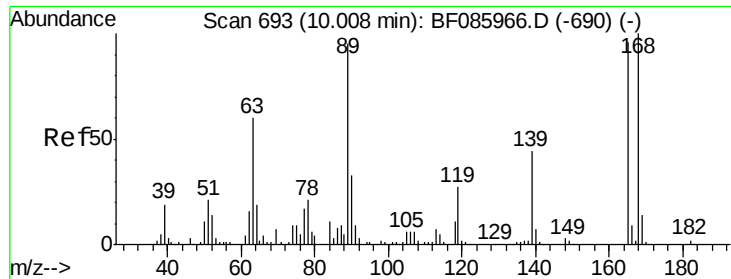
Tgt Ion:172 Resp: 956268
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.2
170 24.5 19.8 29.6



#49
Dimethylphthalate
Concen: 11.12 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086195.D
Acq: 9 Apr 2016 3:53

Tgt Ion:163 Resp: 137323
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.6 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.24 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-18(0.5-20.0)

Tgt Ion:165 Resp: 20703

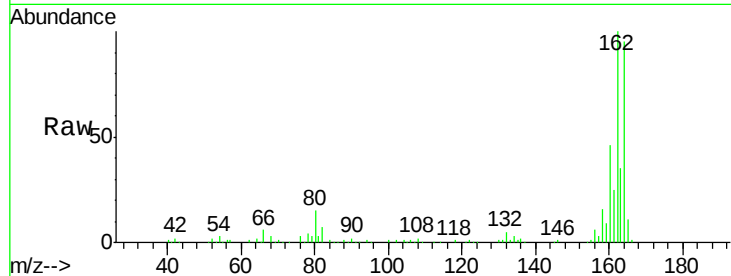
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.8 41.0 61.6#

182 0.0 2.1 3.1#

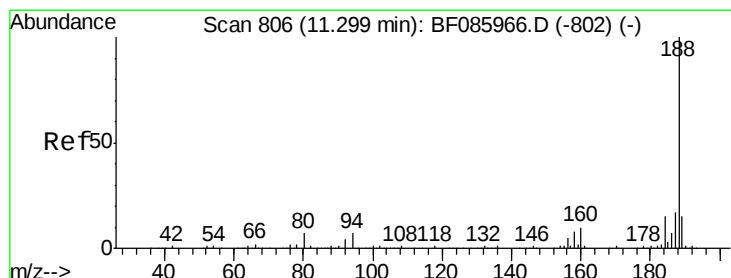
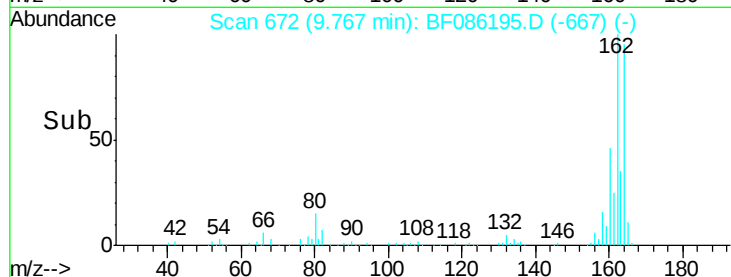
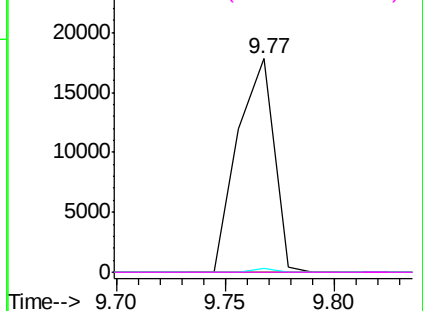


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

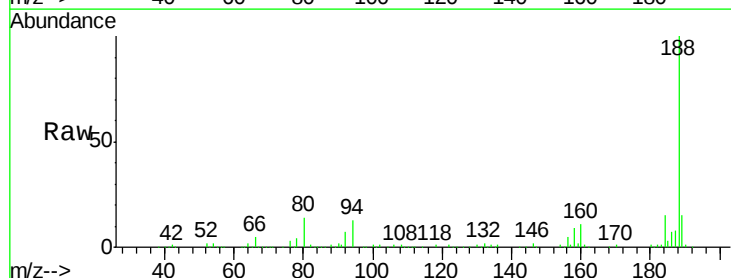
Tgt Ion:188 Resp: 257084

Ion Ratio Lower Upper

188 100

94 13.1 5.4 8.0#

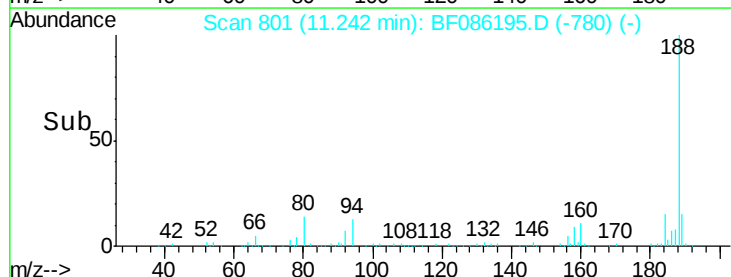
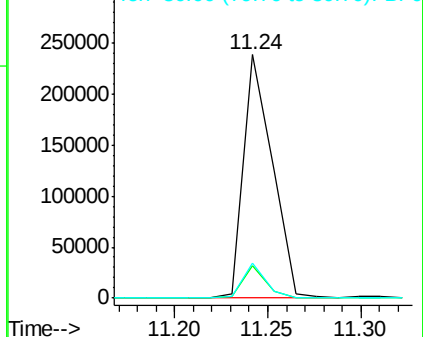
80 14.3 5.5 8.3#

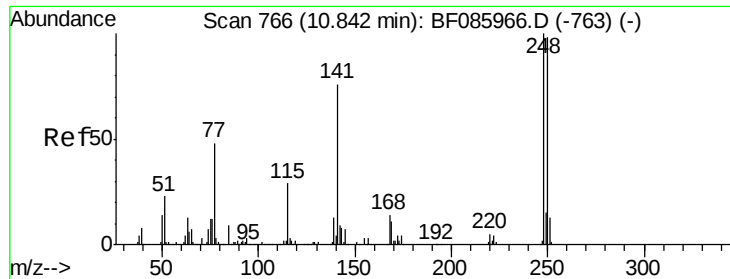


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

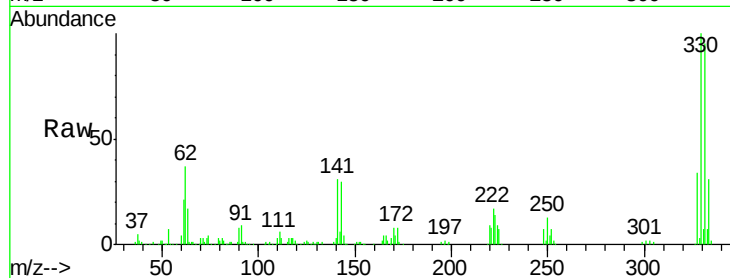




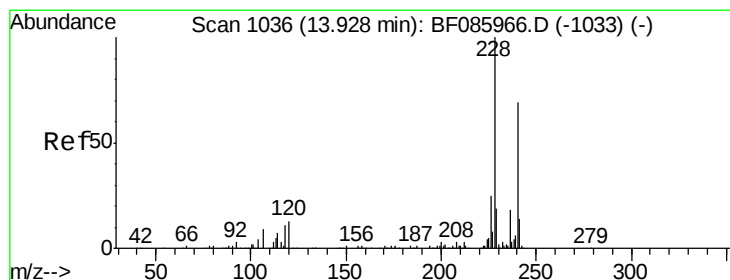
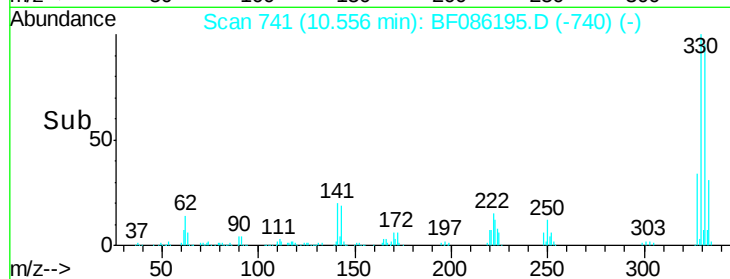
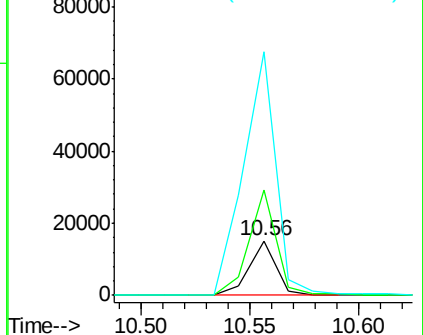
#66
 4-Bromophenyl-phenylether
 Concen: 4.93 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.29 min
 Lab File: BF086195.D
 Acq: 9 Apr 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-18(0.5-20.0)

Tgt Ion:248 Resp: 12944
 Ion Ratio Lower Upper
 248 100
 250 193.7 77.4 116.0#
 141 444.9 63.6 95.4#

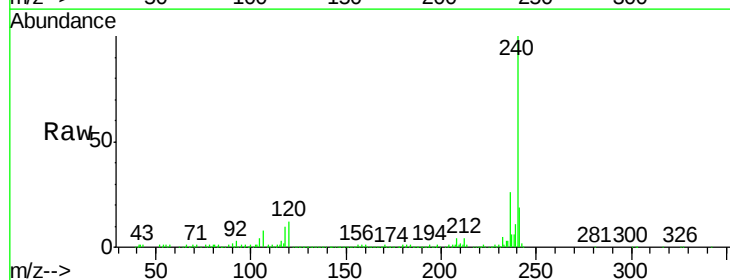


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

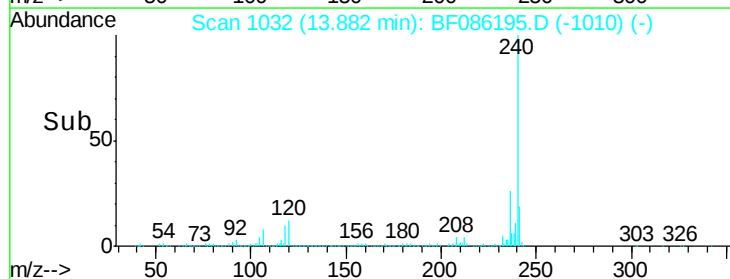
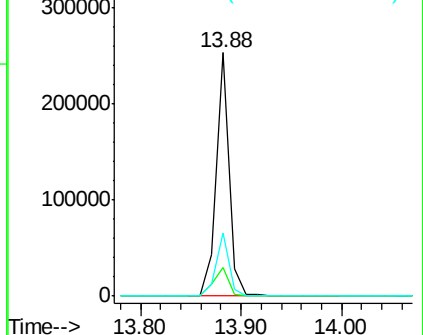


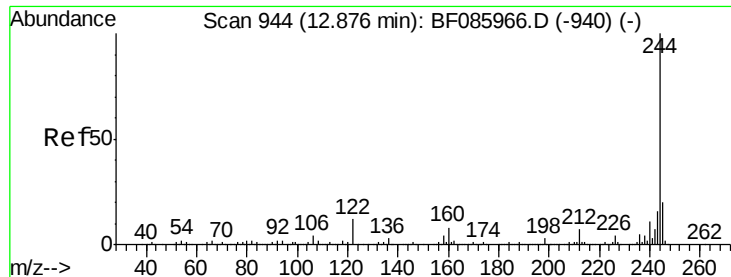
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.05 min
 Lab File: BF086195.D
 Acq: 9 Apr 2016 3:53

Tgt Ion:240 Resp: 226523
 Ion Ratio Lower Upper
 240 100
 120 11.8 13.8 20.8#
 236 25.9 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: 67.45 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-18(0.5-20.0)

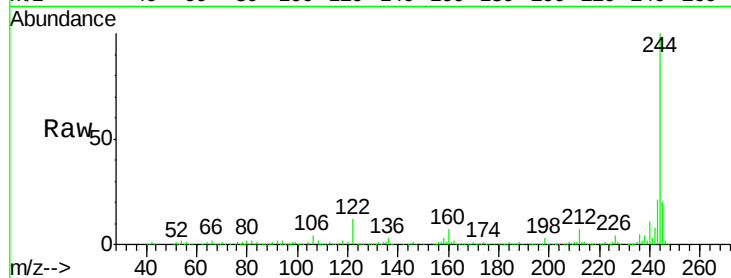
Tgt Ion:244 Resp: 650007

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

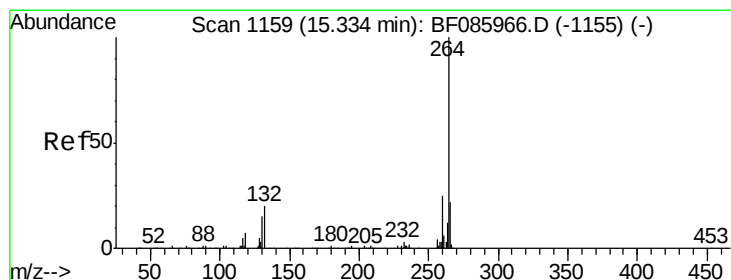
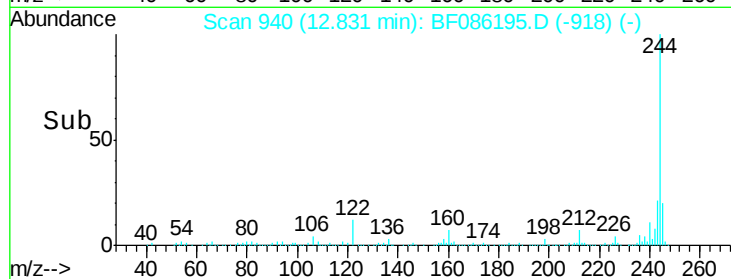
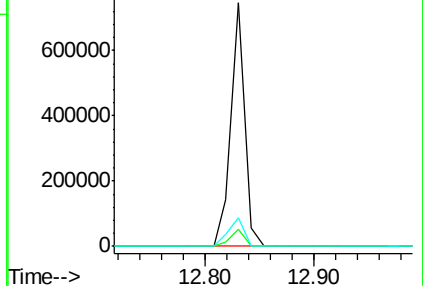
122 11.8 10.2 15.4



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: 15.28 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF086195.D

Acq: 9 Apr 2016 3:53

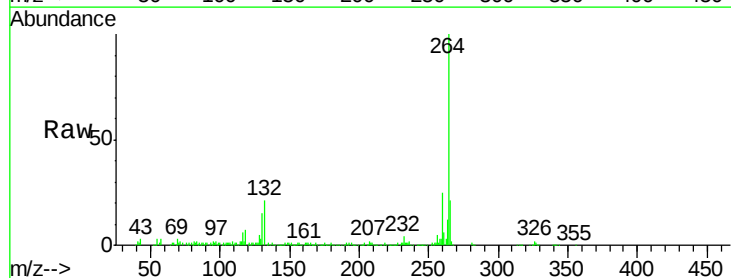
Tgt Ion:264 Resp: 178796

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.5 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

