

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086150.D
 Acq On : 8 Apr 2016 00:52
 Operator : UM/SJ
 Sample : H2282-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-17(0.5-20.0)

Quant Time: Apr 08 03:49:12 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

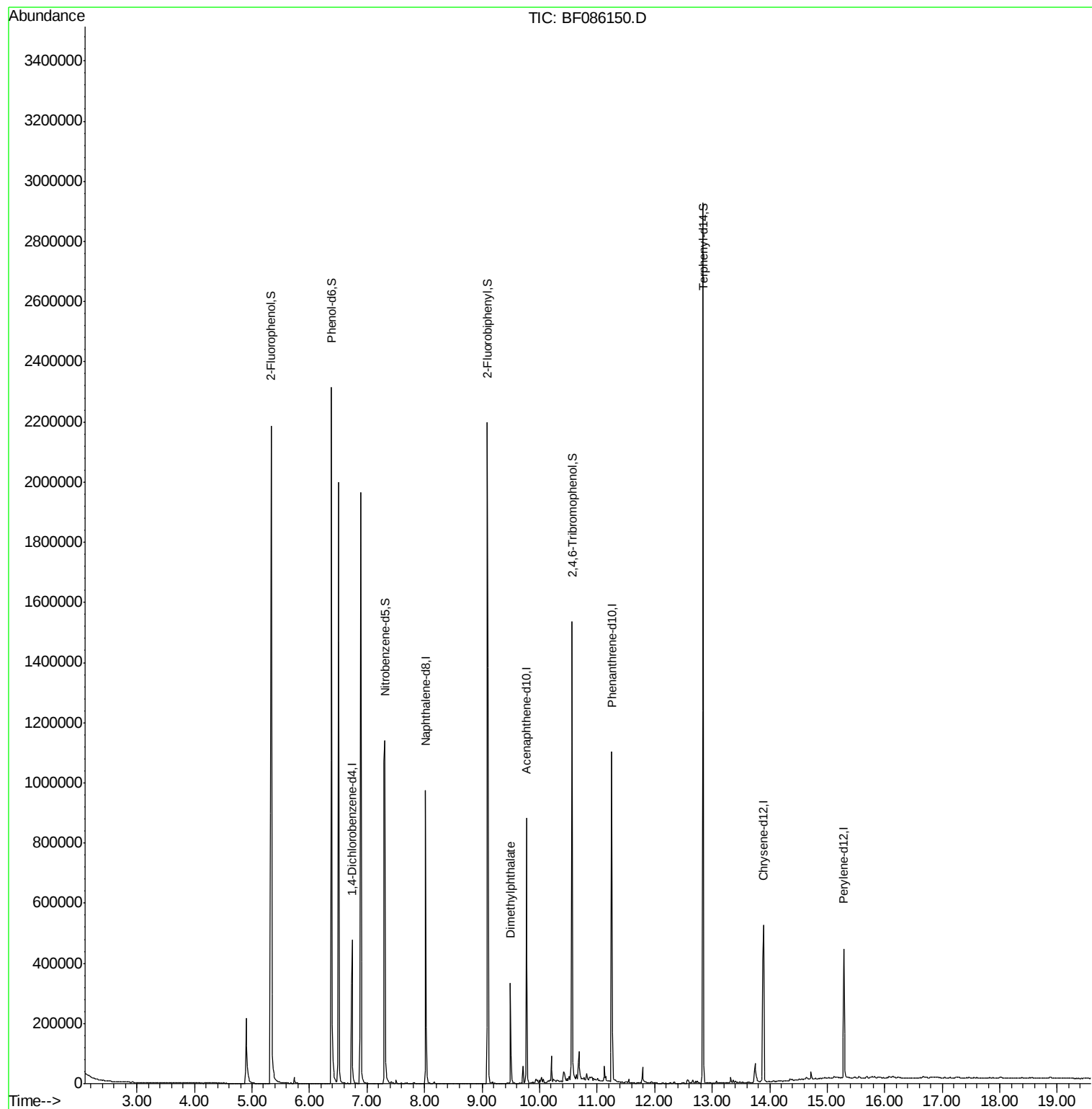
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101729	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	437707	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	193682	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	378900	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	246665	20.00	ng	-0.03
86) Perylene-d12	15.29	264	186443	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	775923	130.37	ng	-0.03
7) Phenol-d6	6.38	99	1002664	132.64	ng	-0.03
23) Nitrobenzene-d5	7.31	82	594079	80.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	279090	153.52	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	905691	77.75	ng	-0.05
78) Terphenyl-d14	12.84	244	981570	93.54	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.49	163	136249	9.49	ng	Qvalue 99

(#) = 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: BF086150.D

Acq: 8 Apr 2016 00:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-17(0.5-20.0)

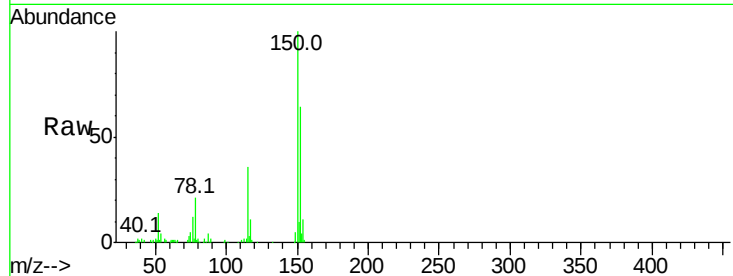
Tot Ion:152 Resp: 101729

Ion Ratio Lower Upper

152 100

150 155.5 124.2 186.2

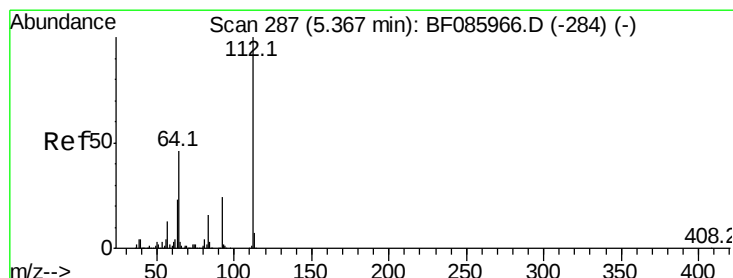
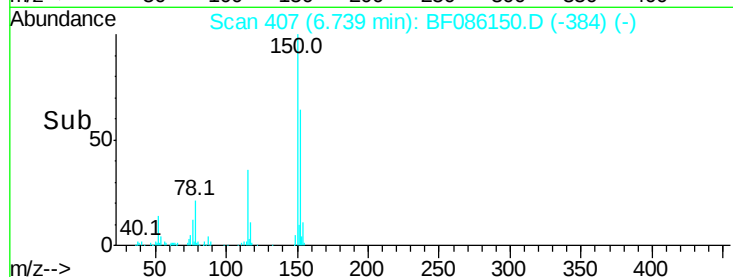
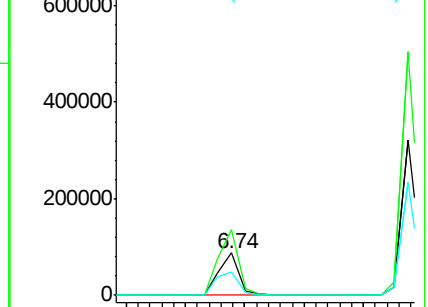
115 55.6 47.0 70.6



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: 130.37 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086150.D

Acq: 8 Apr 2016 00:52

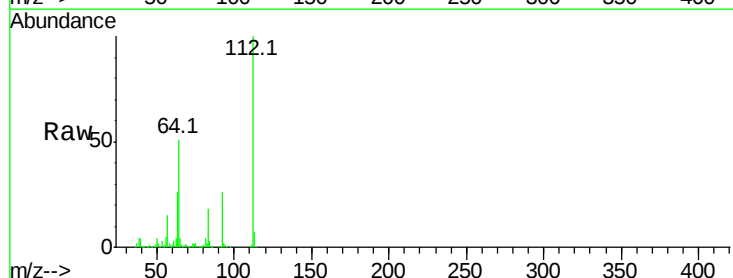
Tgt Ion:112 Resp: 775923

Ion Ratio Lower Upper

112 100

64 51.4 39.9 59.9

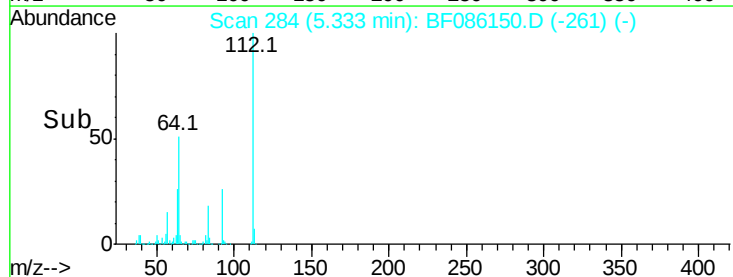
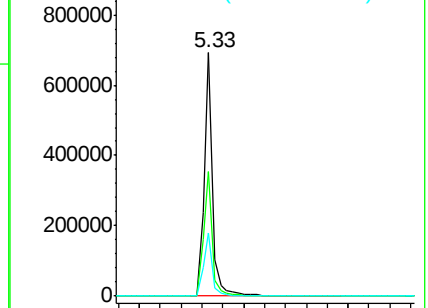
63 26.1 20.2 30.2



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: 132.64 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086150.D

Acq: 8 Apr 2016 00:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-17(0.5-20.0)

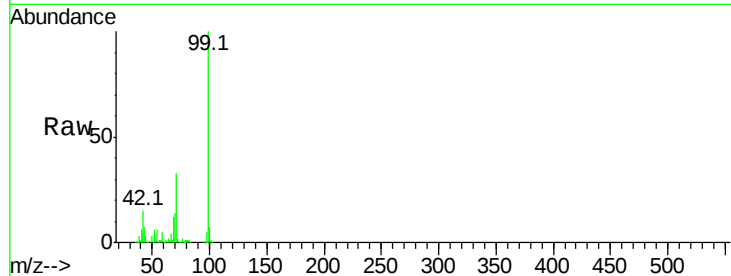
Tot Ion: 99 Resp: 1002664

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

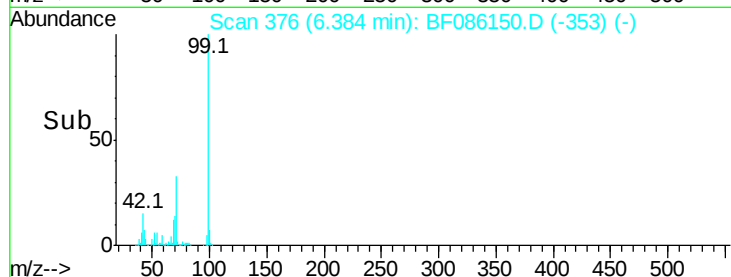
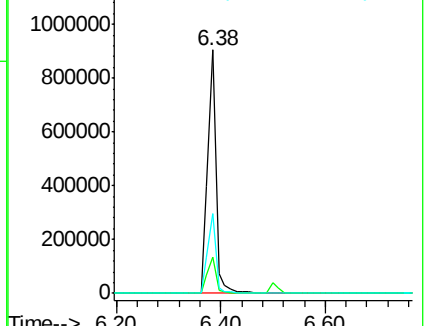
71 32.6 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086150.D

Acq: 8 Apr 2016 00:52

Tgt Ion: 136 Resp: 437707

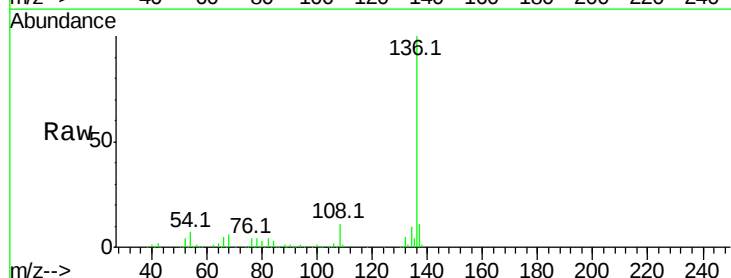
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.3 7.4 11.0#

68 6.0 5.8 8.8

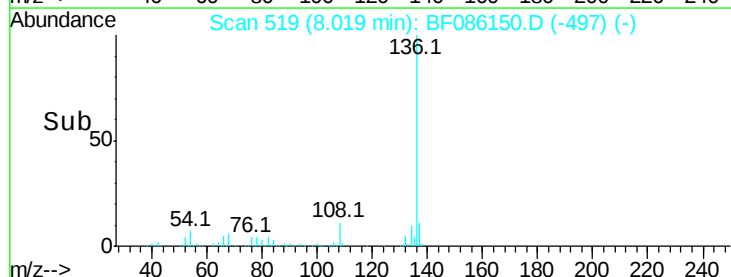
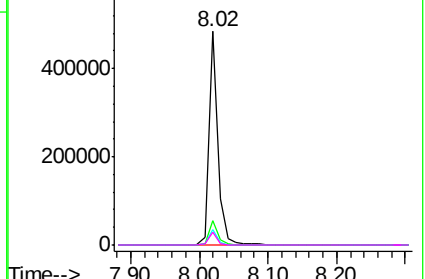


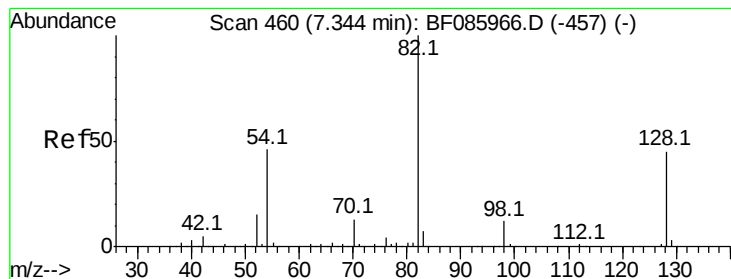
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.04 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086150.D

Acq: 8 Apr 2016 00:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-17(0.5-20.0)

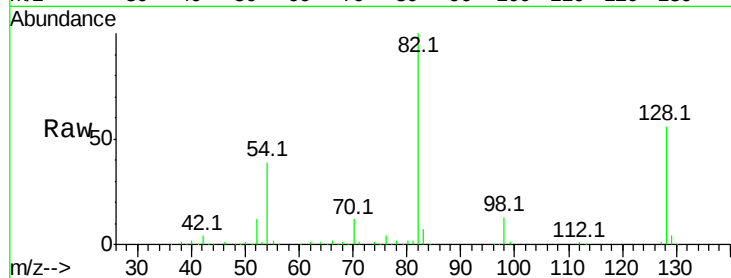
Tot Ion: 82 Resp: 594079

Ion Ratio Lower Upper

82 100

128 55.8 41.8 62.8

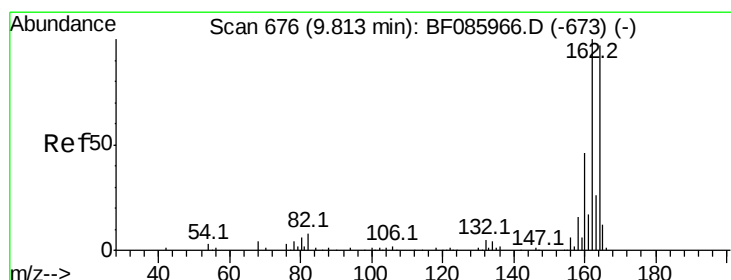
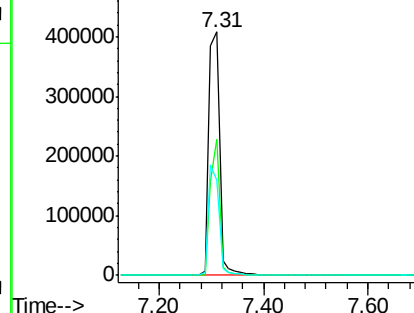
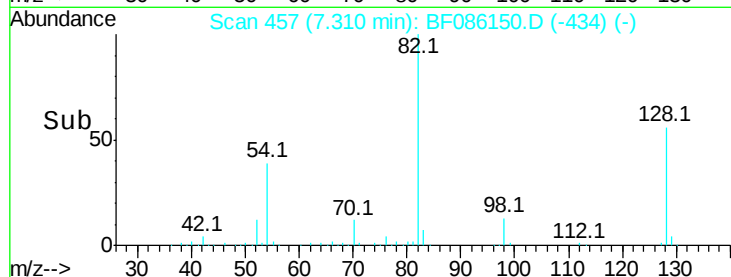
54 39.0 33.4 50.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086150.D

Acq: 8 Apr 2016 00:52

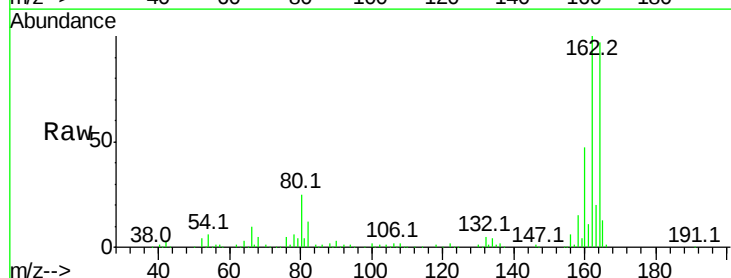
Tgt Ion:164 Resp: 193682

Ion Ratio Lower Upper

164 100

162 102.9 82.1 123.1

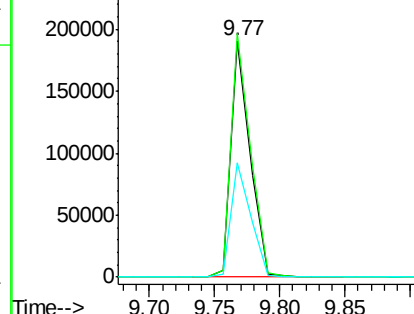
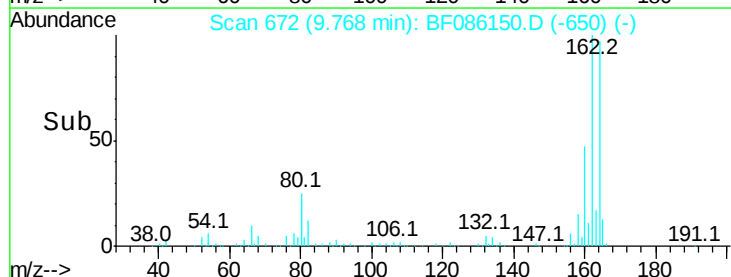
160 48.1 37.4 56.2

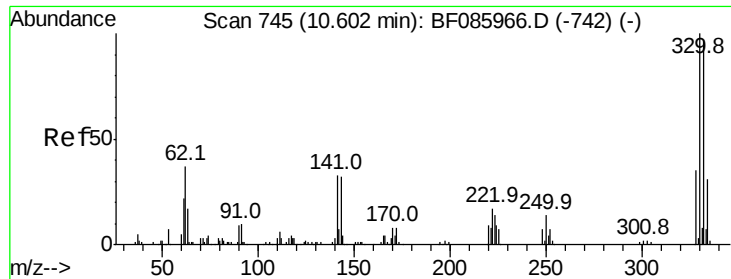


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

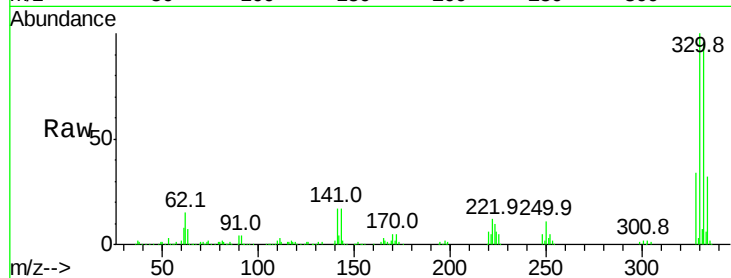




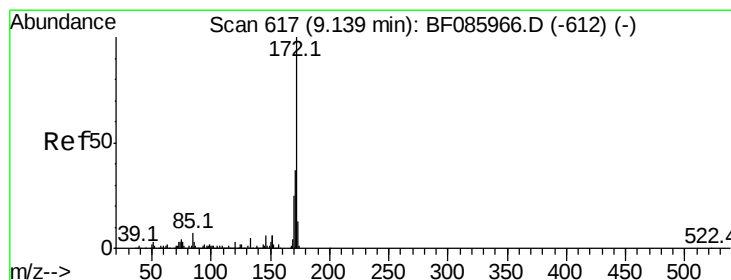
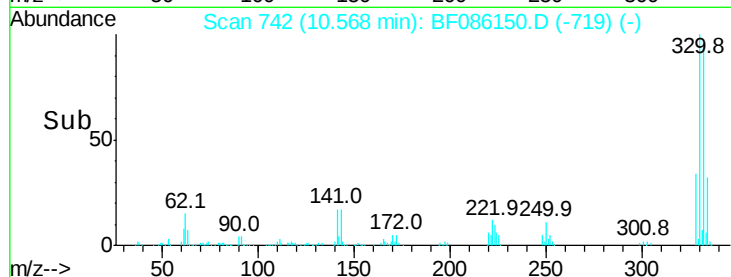
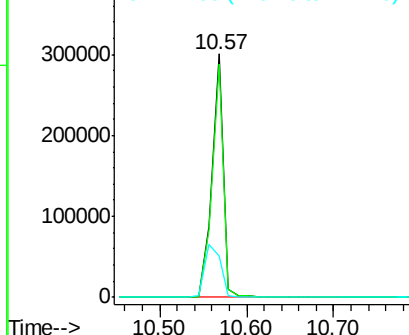
#41
 2,4,6-Tribromophenol
 Concen: 153.52 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086150.D
 Acq: 8 Apr 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-17(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	30.3	31.5	47.3#

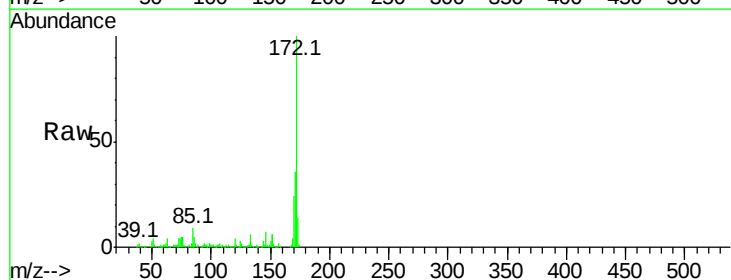


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

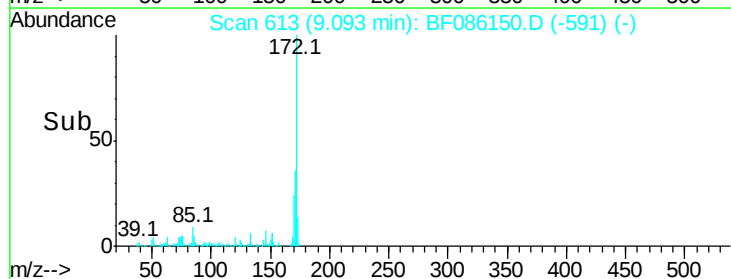
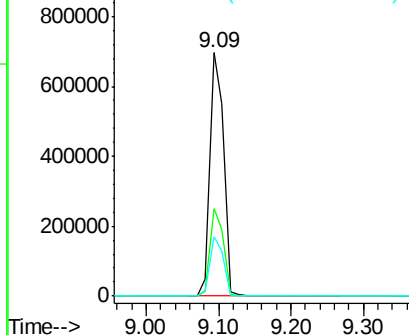


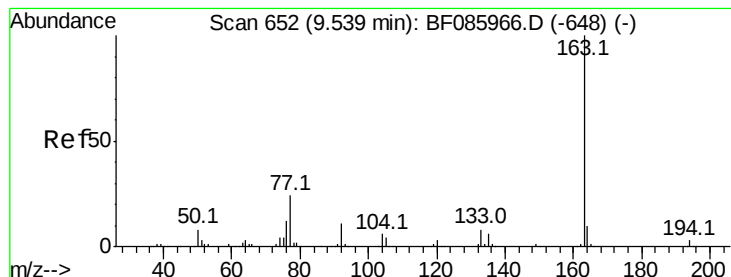
#44
 2-Fluorobiphenyl
 Concen: 77.75 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086150.D
 Acq: 8 Apr 2016 00:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.4	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: 9.49 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086150.D

Acq: 8 Apr 2016 00:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-17(0.5-20.0)

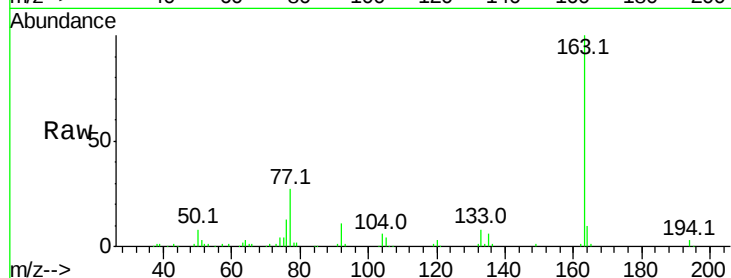
Tot Ion:163 Resp: 136249

Ion Ratio Lower Upper

163 100

194 3.0 2.9 4.3

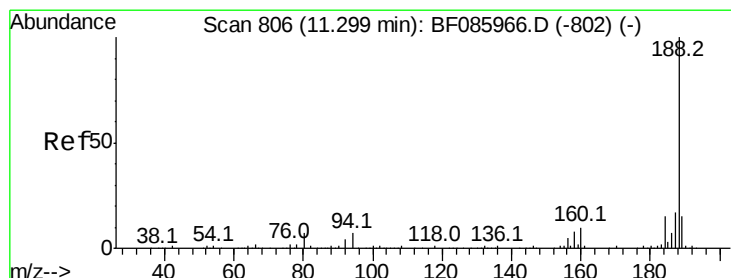
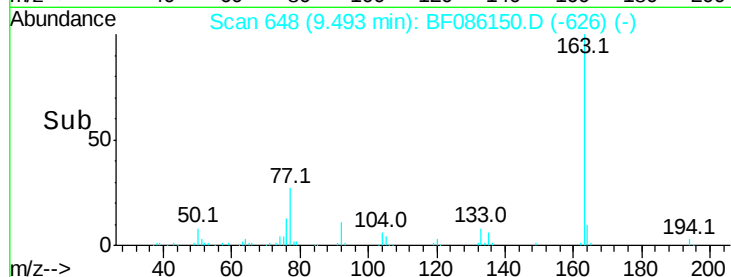
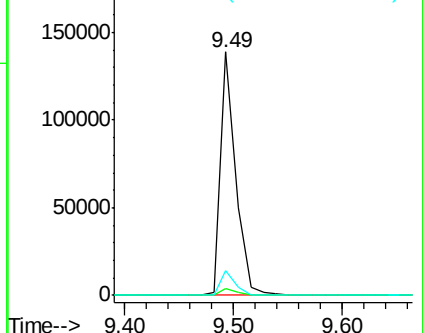
164 10.2 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086150.D

Acq: 8 Apr 2016 00:52

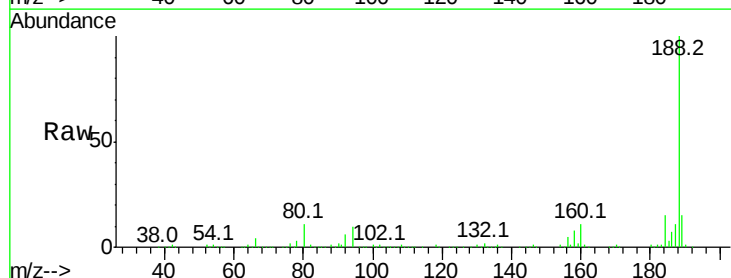
Tgt Ion:188 Resp: 378900

Ion Ratio Lower Upper

188 100

94 10.2 5.4 8.0#

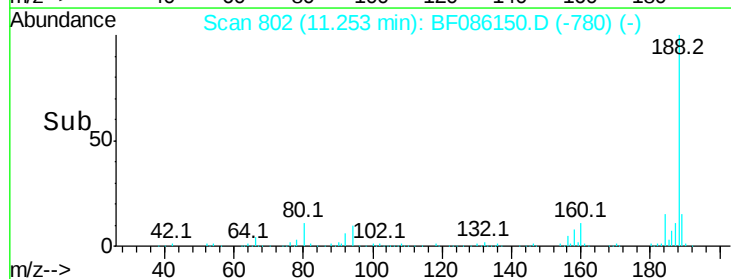
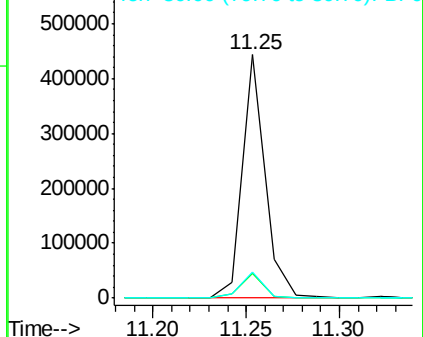
80 10.9 5.5 8.3#

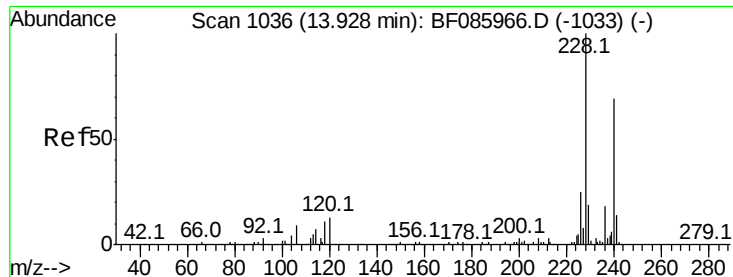


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086150.D

Acq: 8 Apr 2016 00:52

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-17(0.5-20.0)

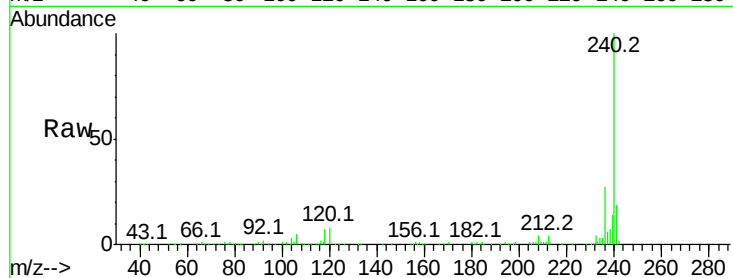
Tot Ion:240 Resp: 246665

Ion Ratio Lower Upper

240 100

120 8.2 13.8 20.8#

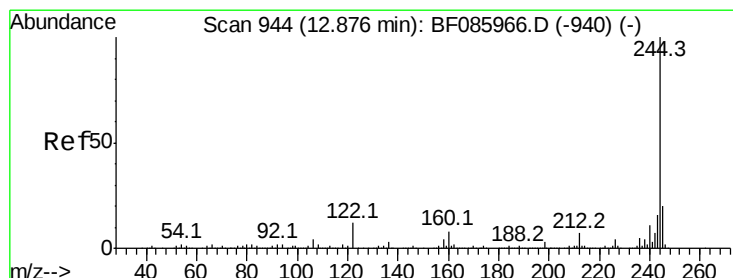
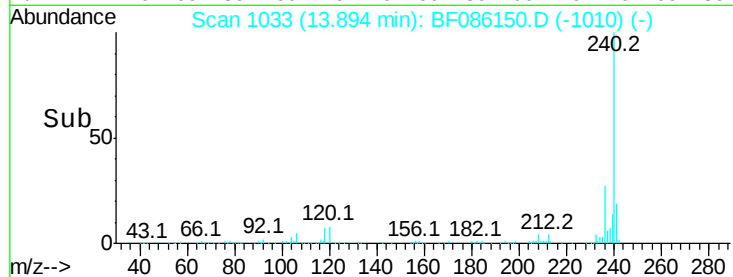
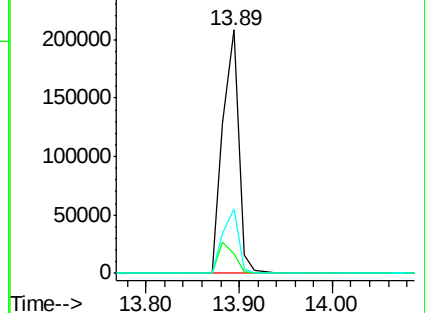
236 26.6 20.6 30.8



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: 93.54 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086150.D

Acq: 8 Apr 2016 00:52

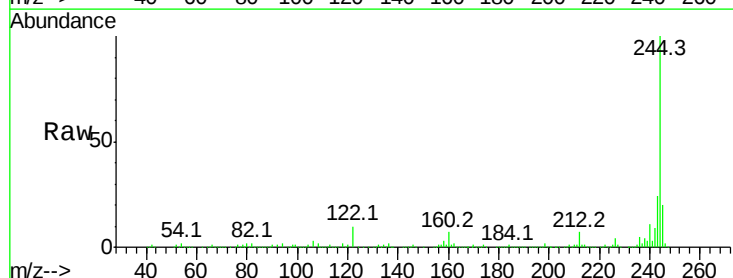
Tgt Ion:244 Resp: 981570

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

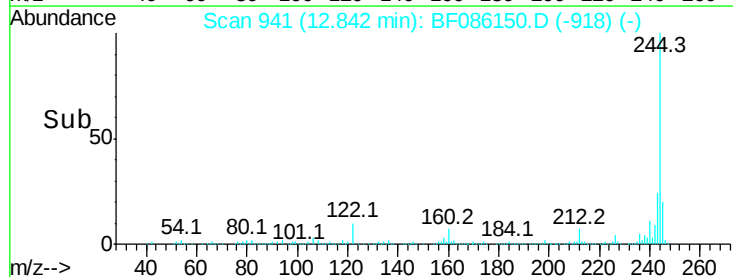
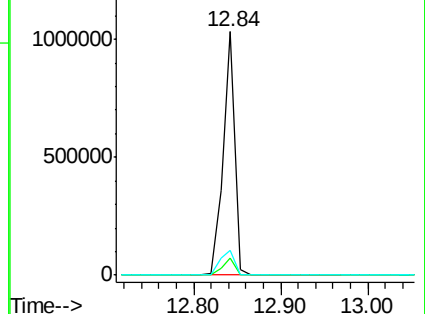
122 10.0 10.2 15.4#

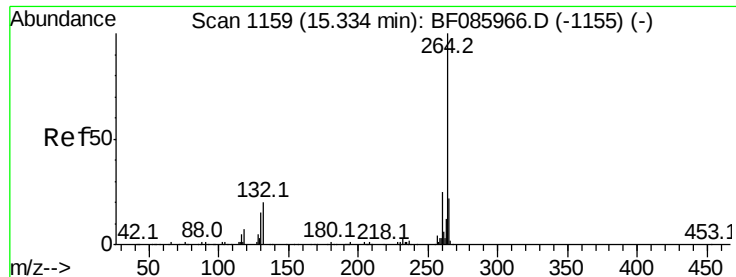


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

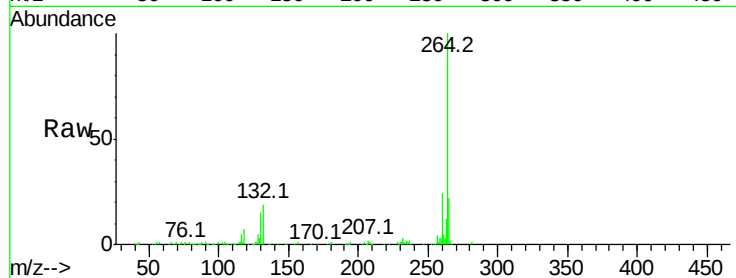




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086150.D
 Acq: 8 Apr 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-17(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.2	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

