

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086061.D
 Acq On : 5 Apr 2016 3:44
 Operator : UM/SJ
 Sample : H2111-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-30COMP(0.5-15.0)

Quant Time: Apr 05 04:30:27 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

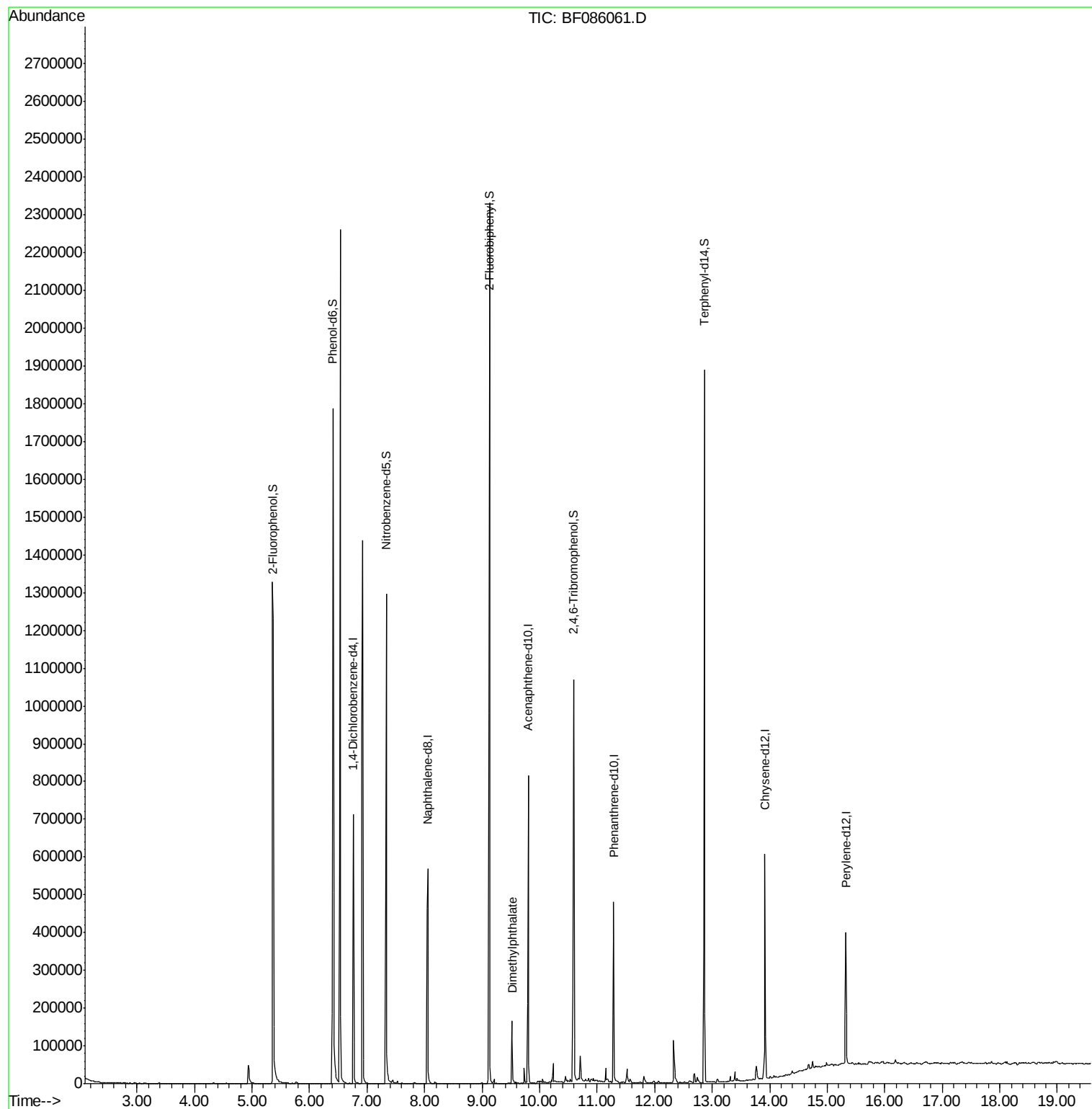
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	105257	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	381823	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	160665	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	241513	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	191697	20.00	ng	-0.01
86) Perylene-d12	15.32	264	143037	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	626423	101.73	ng	0.00
7) Phenol-d6	6.41	99	699580	89.44	ng	-0.01
23) Nitrobenzene-d5	7.33	82	479910	74.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	120715	80.05	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	801713	82.97	ng	-0.01
78) Terphenyl-d14	12.87	244	541936	66.45	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	89081	7.48	ng	Qvalue 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086061.D

Acq: 5 Apr 2016 3:44

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-30COMP(0.5-15.0)

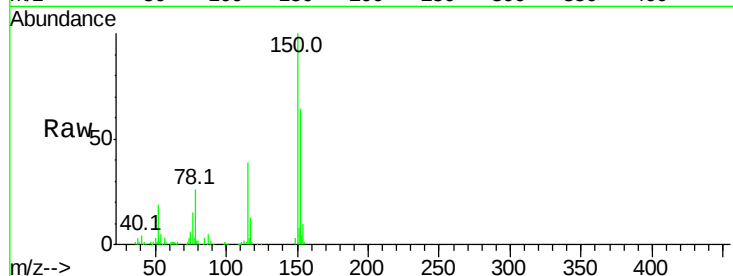
Tot Ion:152 Resp: 105257

Ion Ratio Lower Upper

152 100

150 156.8 124.2 186.2

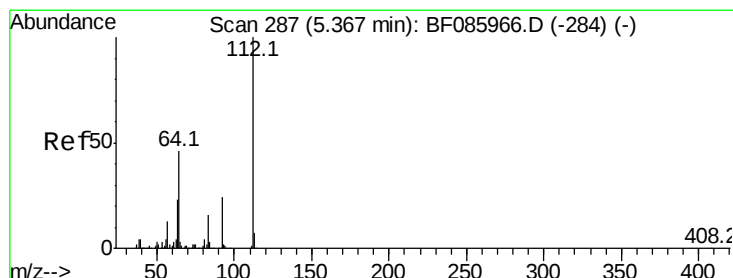
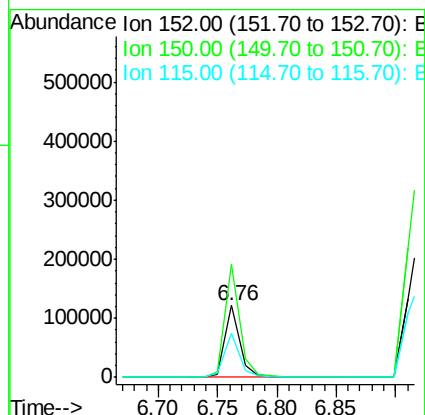
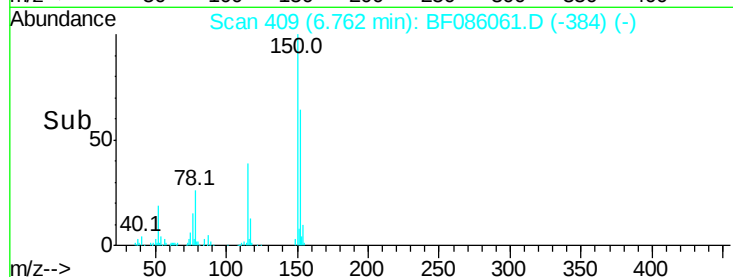
115 61.8 47.0 70.6



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: 101.73 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086061.D

Acq: 5 Apr 2016 3:44

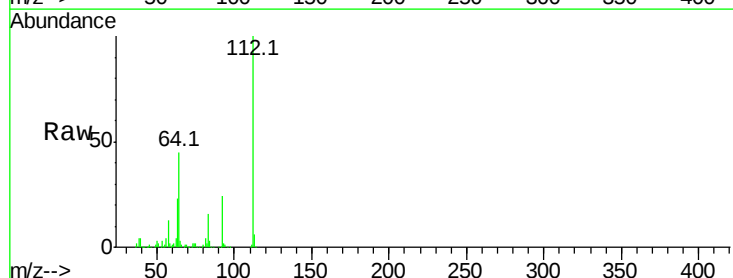
Tgt Ion:112 Resp: 626423

Ion Ratio Lower Upper

112 100

64 45.4 39.9 59.9

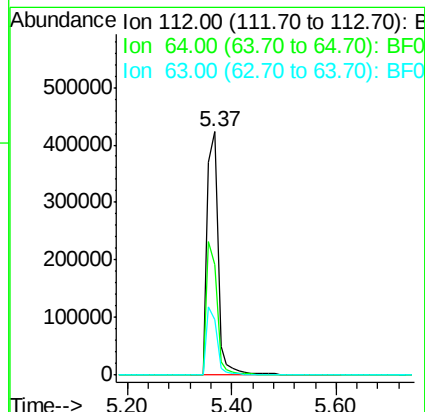
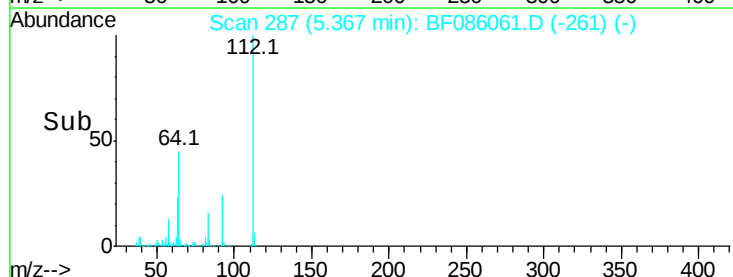
63 22.9 20.2 30.2



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: 89.44 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086061.D

Acq: 5 Apr 2016 3:44

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-30COMP(0.5-15.0)

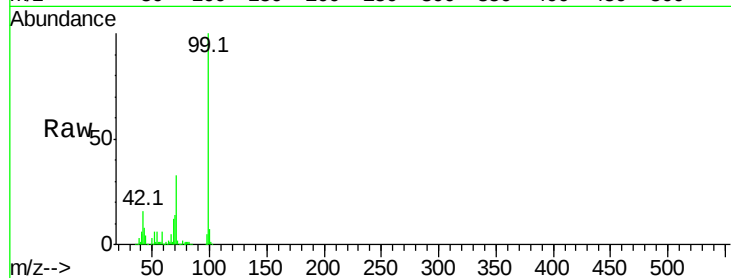
Tot Ion: 99 Resp: 699580

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

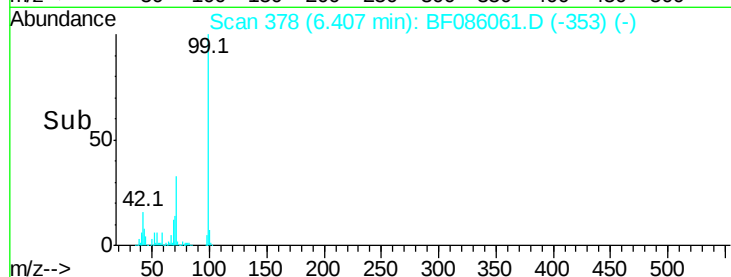
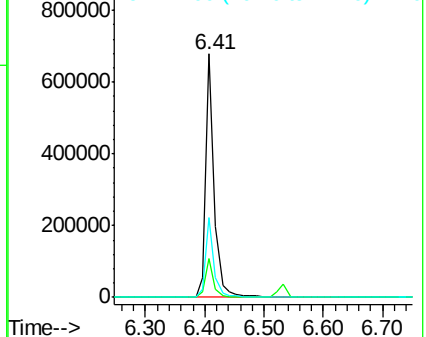
71 33.0 24.9 37.3



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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086061.D

Acq: 5 Apr 2016 3:44

Tgt Ion: 136 Resp: 381823

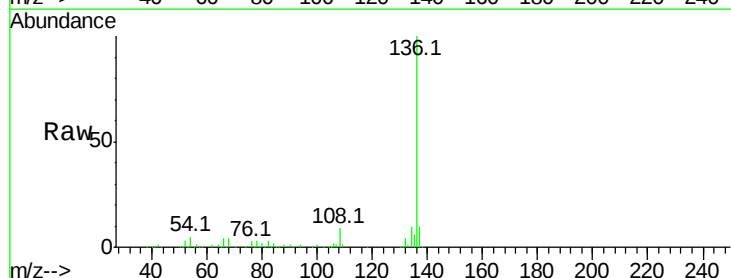
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 4.8 7.4 11.0#

68 4.1 5.8 8.8#

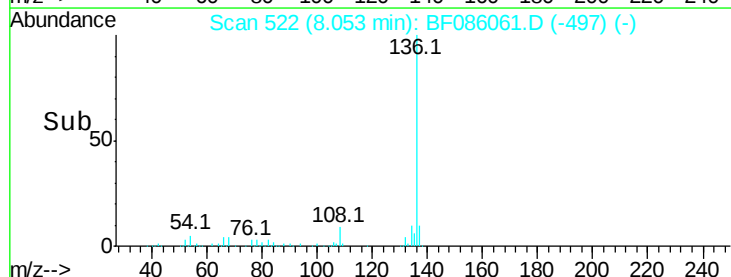
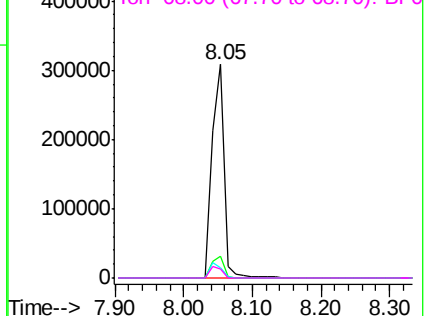


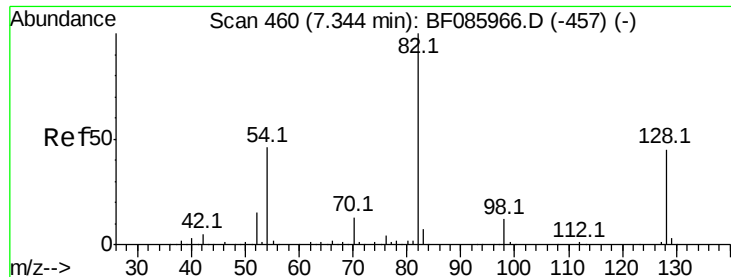
Abundance Ion 136.00 (135.70 to 136.70): E

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

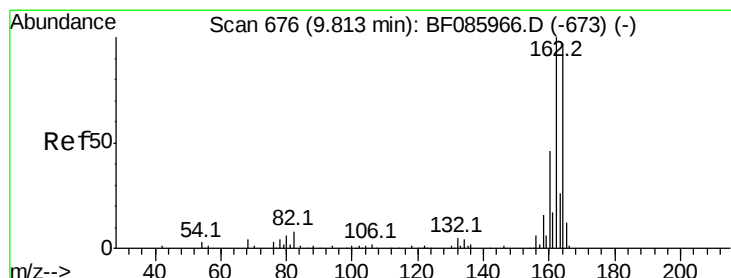
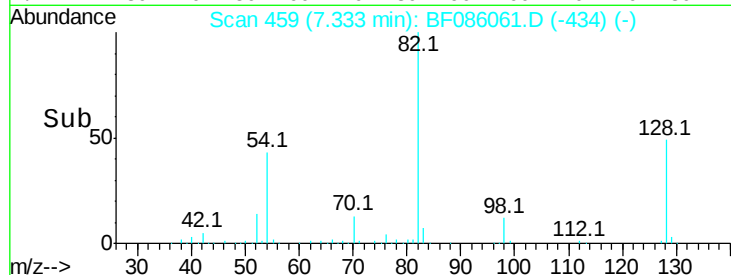
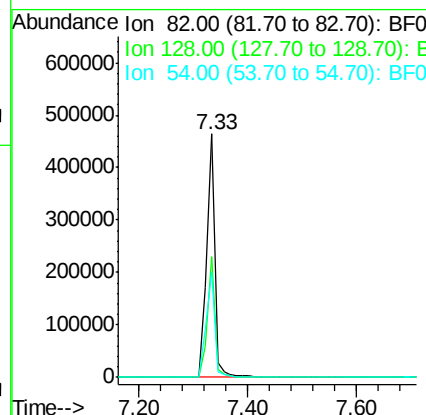
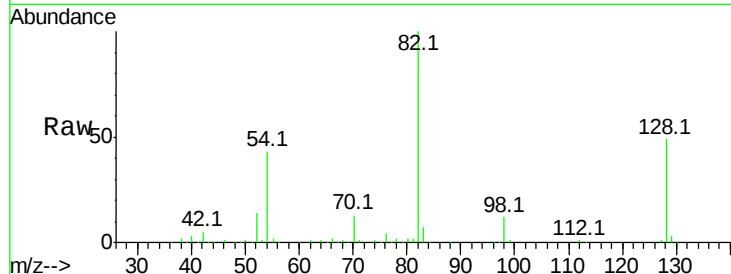




#23
 Nitrobenzene-d5
 Concen: 74.12 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086061.D
 Acq: 5 Apr 2016 3:44

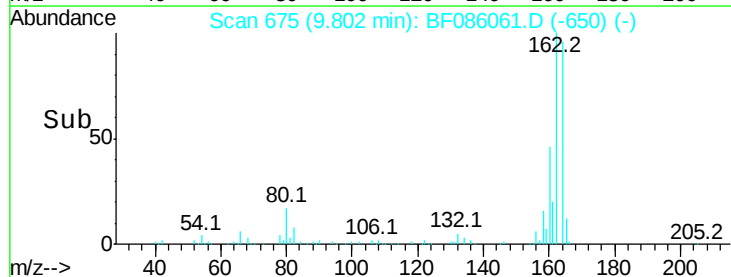
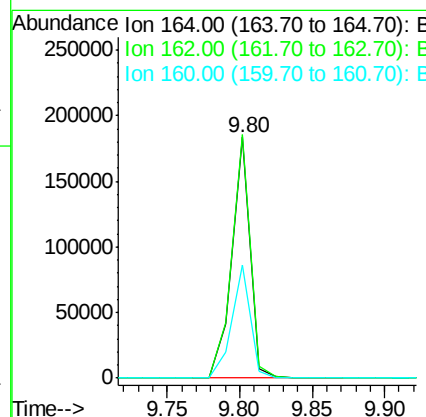
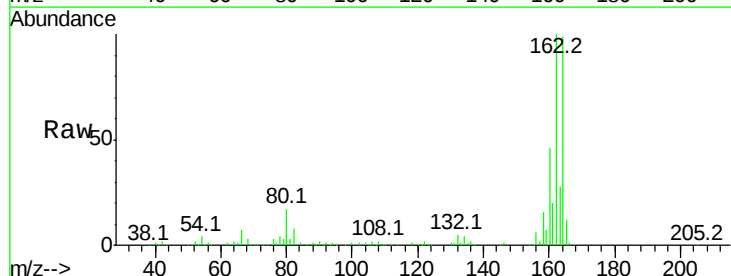
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-30COMP(0.5-15.0)

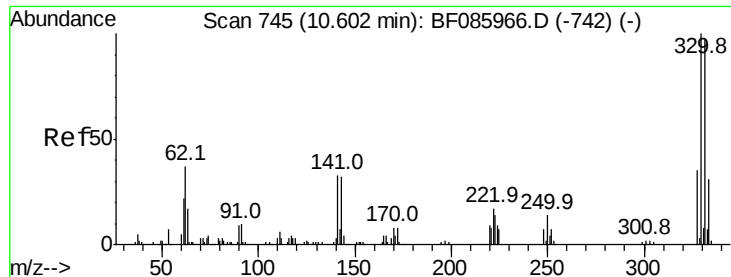
Tot Ion: 82 Resp: 479910
 Ion Ratio Lower Upper
 82 100
 128 49.4 41.8 62.8
 54 43.4 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086061.D
 Acq: 5 Apr 2016 3:44

Tgt Ion:164 Resp: 160665
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.1 123.1
 160 46.8 37.4 56.2

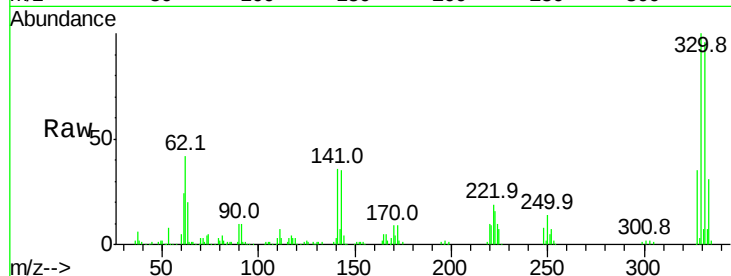




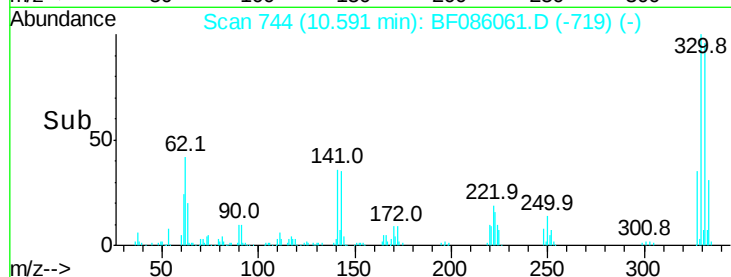
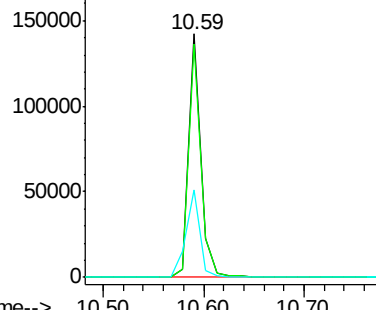
#41
 2,4,6-Tribromophenol
 Concen: 80.05 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086061.D
 Acq: 5 Apr 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-30COMP(0.5-15.0)

Tot Ion:330 Resp: 120715
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 40.8 31.5 47.3

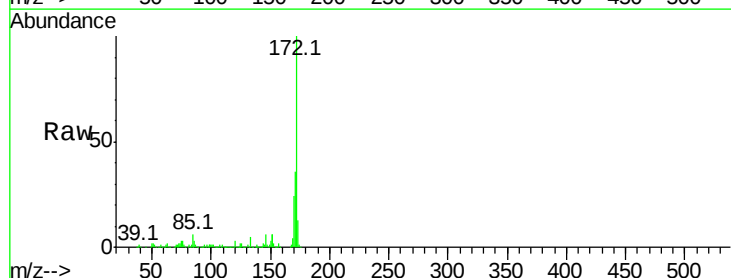


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

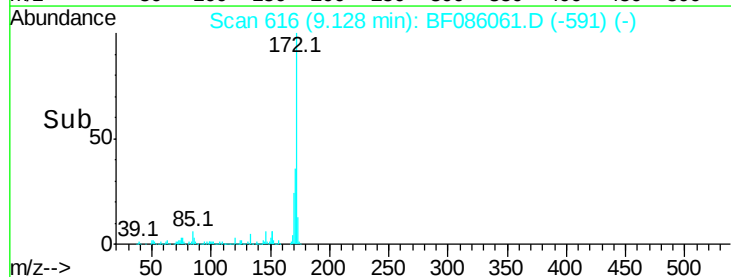
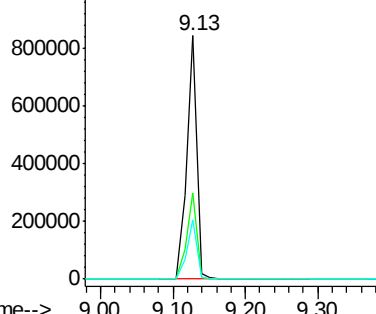


#44
 2-Fluorobiphenyl
 Concen: 82.97 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086061.D
 Acq: 5 Apr 2016 3:44

Tgt Ion:172 Resp: 801713
 Ion Ratio Lower Upper
 172 100
 171 35.6 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: 7.48 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086061.D

Acq: 5 Apr 2016 3:44

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-30COMP(0.5-15.0)

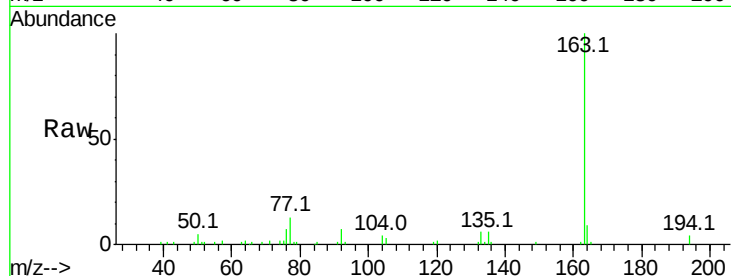
Tot Ion:163 Resp: 89081

Ion Ratio Lower Upper

163 100

194 4.3 2.9 4.3

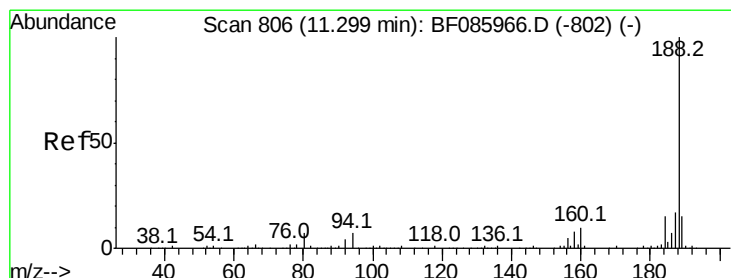
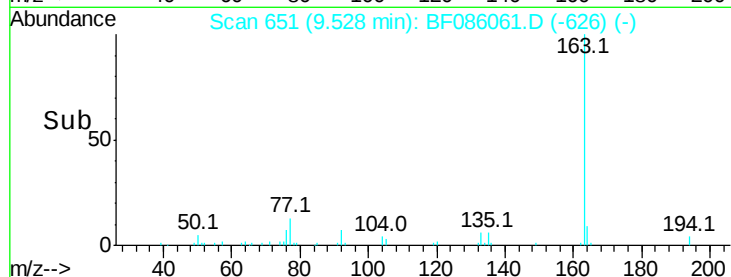
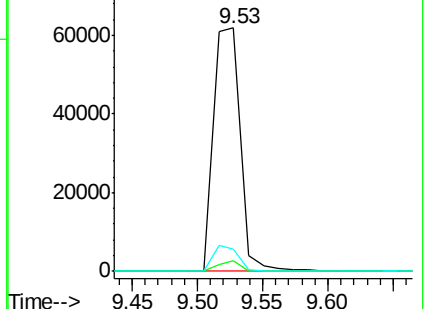
164 9.2 8.3 12.5



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: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086061.D

Acq: 5 Apr 2016 3:44

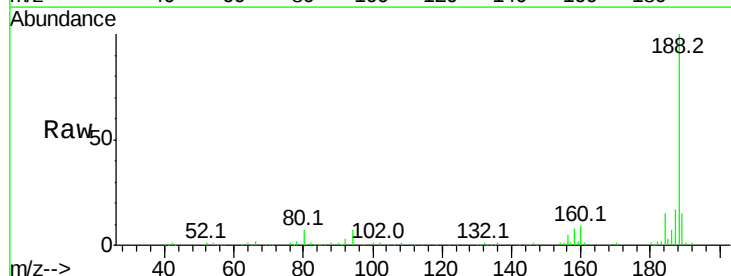
Tgt Ion:188 Resp: 241513

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

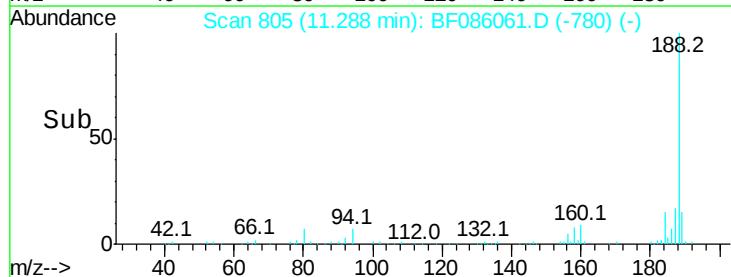
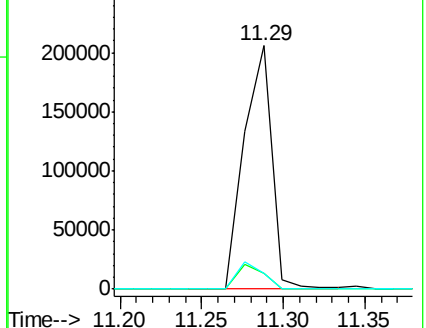
80 6.5 5.5 8.3

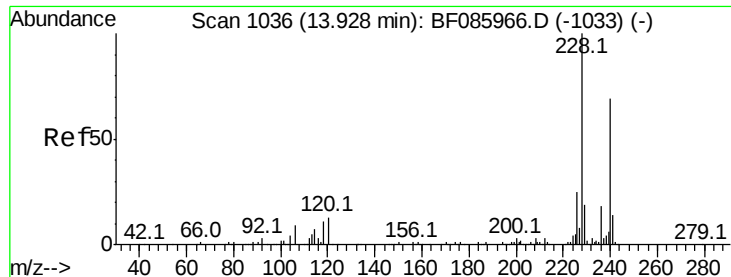


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086061.D

Acq: 5 Apr 2016 3:44

Instrument :

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AMBOY-SB-30COMP(0.5-15.0)

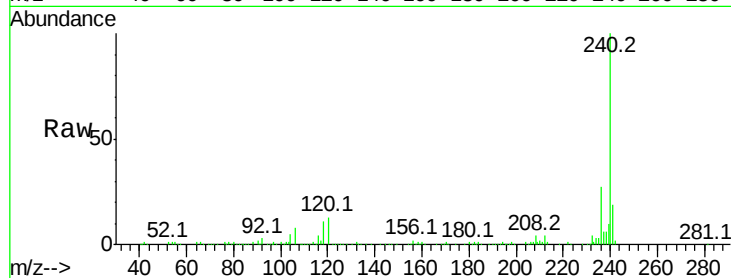
Tot Ion:240 Resp: 191697

Ion Ratio Lower Upper

240 100

120 12.9 13.8 20.8#

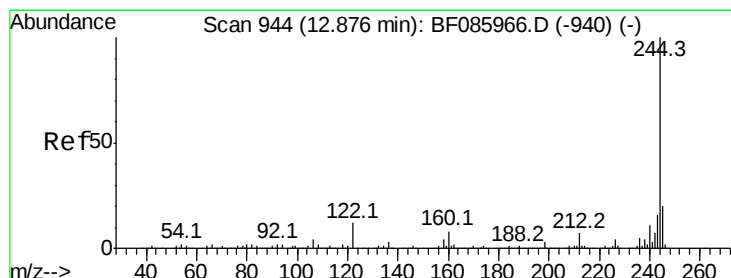
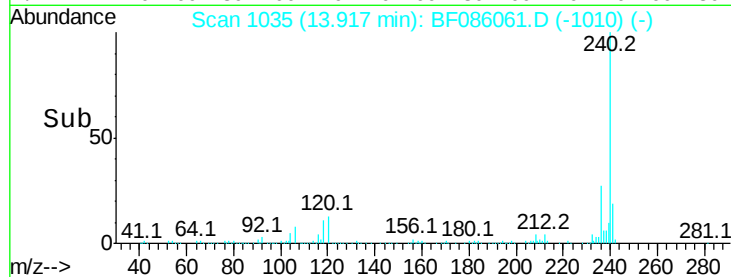
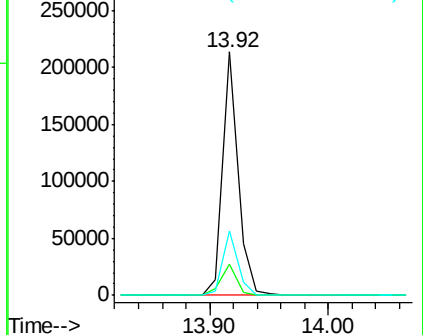
236 26.7 20.6 30.8



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: 66.45 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086061.D

Acq: 5 Apr 2016 3:44

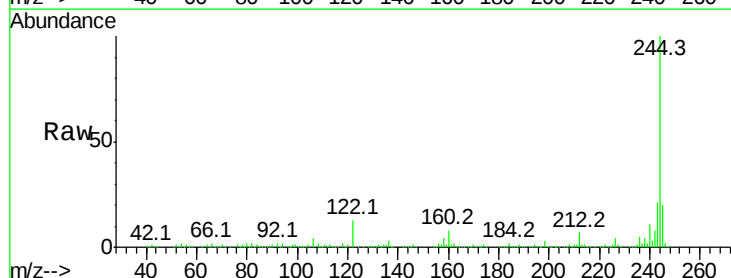
Tgt Ion:244 Resp: 541936

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

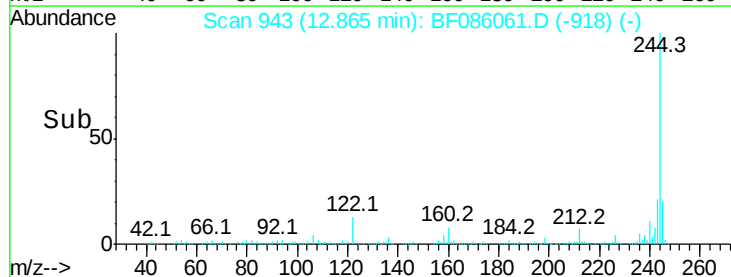
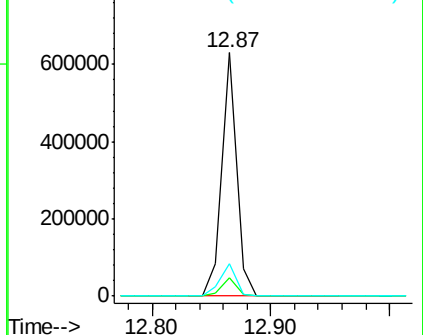
122 13.1 10.2 15.4

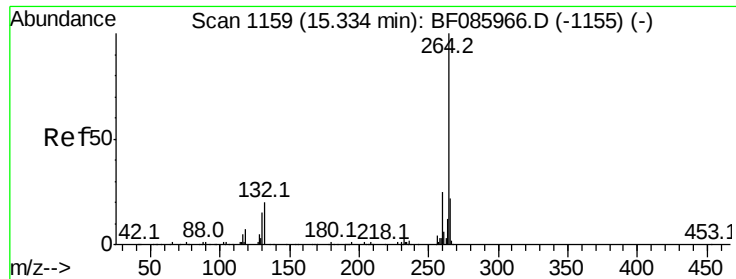


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086061.D
 Acq: 5 Apr 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-30COMP(0.5-15.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.8	17.2	25.8

