

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086984.D
 Acq On : 13 May 2016 21:51
 Operator : UM/SJ
 Sample : H2992-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-31(0.5-10.0)

Quant Time: May 13 23:18:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

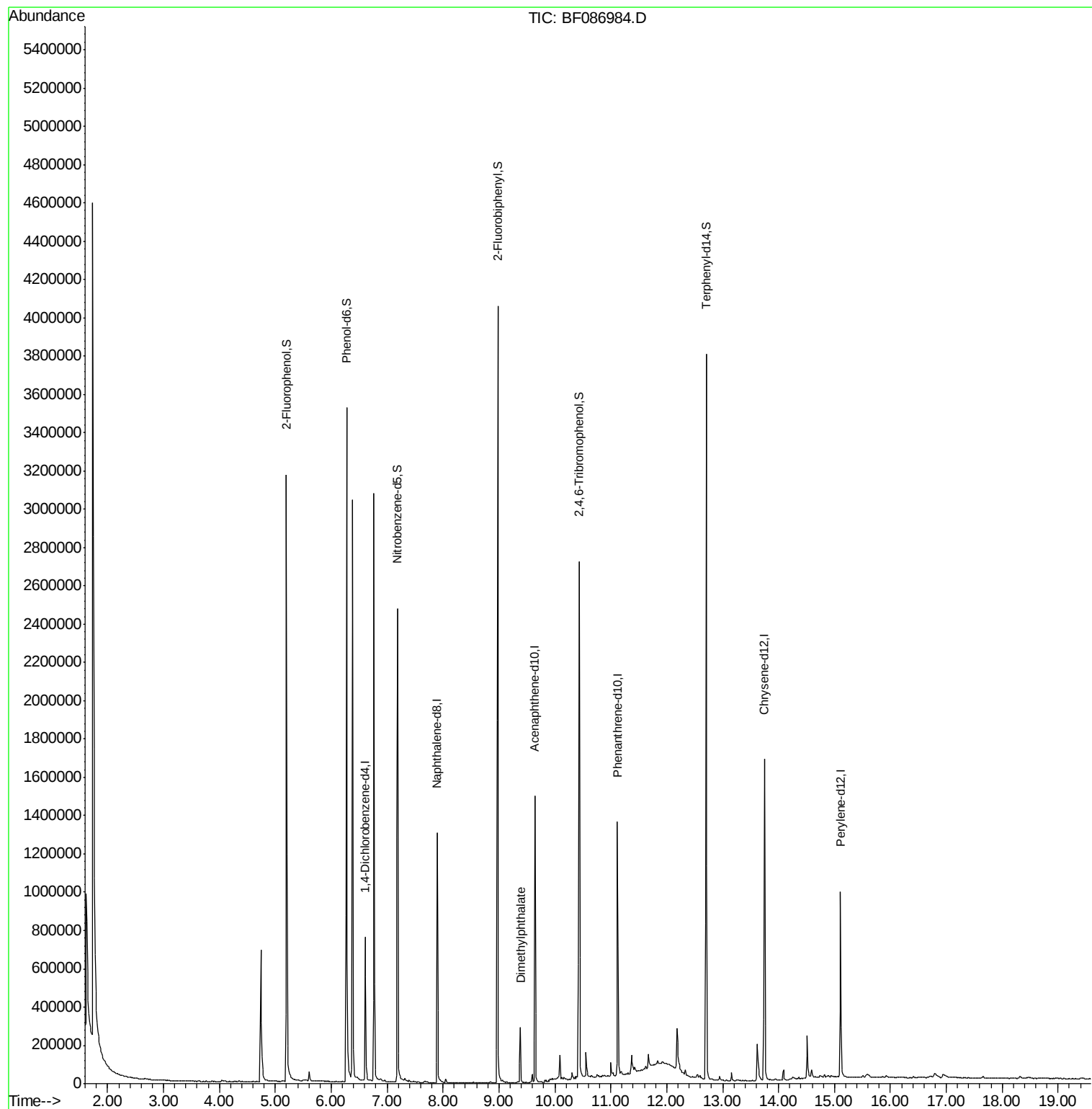
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	142319	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	591160	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	292465	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	569302	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	527530	20.00	ng	-0.01
86) Perylene-d12	15.11	264	403829	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	875077	104.13	ng	0.00
7) Phenol-d6	6.27	99	1126155	100.27	ng	-0.01
23) Nitrobenzene-d5	7.19	82	892986	75.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	307704	99.38	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1381351	79.38	ng	0.00
78) Terphenyl-d14	12.71	244	1234124	49.64	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	121317	5.44	ng	99

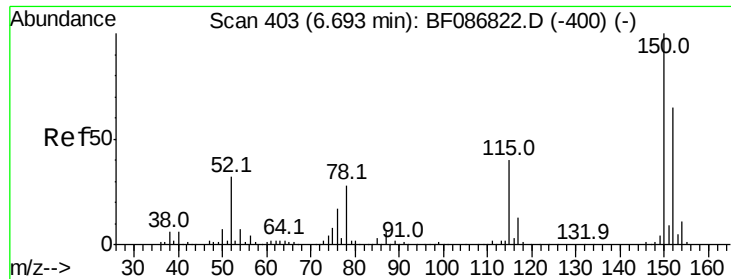
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-31(0.5-10.0)

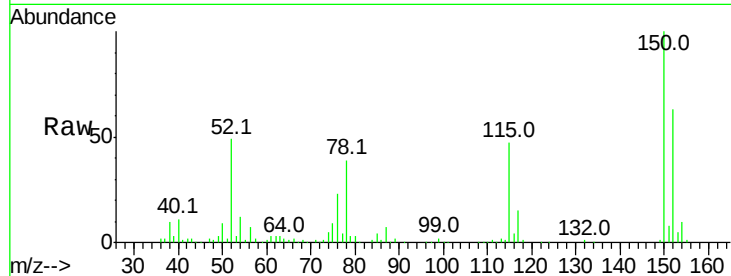
Tot Ion:152 Resp: 142319

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

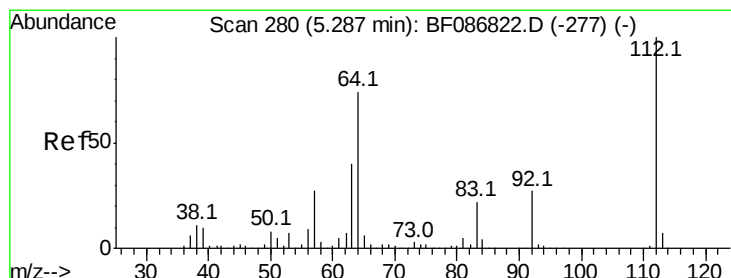
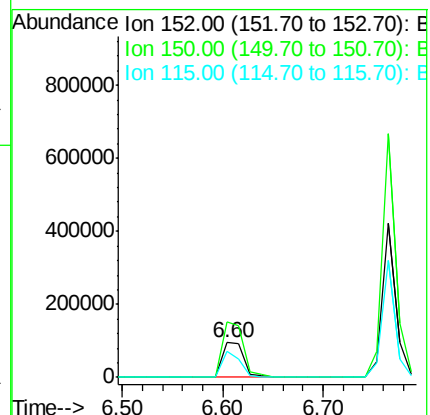
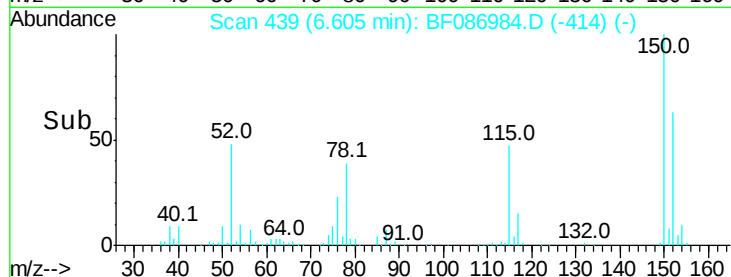
115 73.8 51.5 77.3



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: 104.13 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

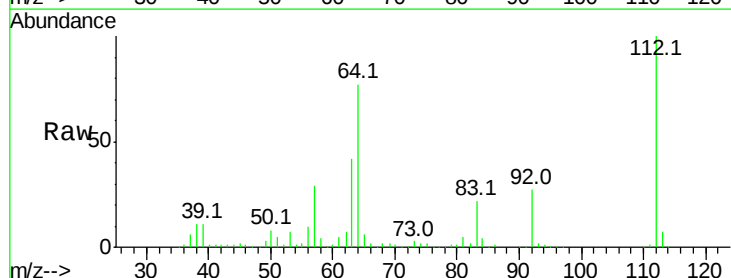
Tgt Ion:112 Resp: 875077

Ion Ratio Lower Upper

112 100

64 77.0 52.1 78.1

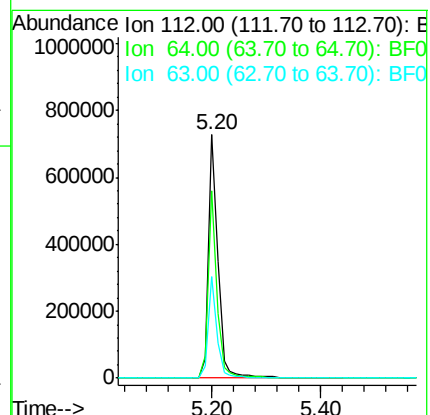
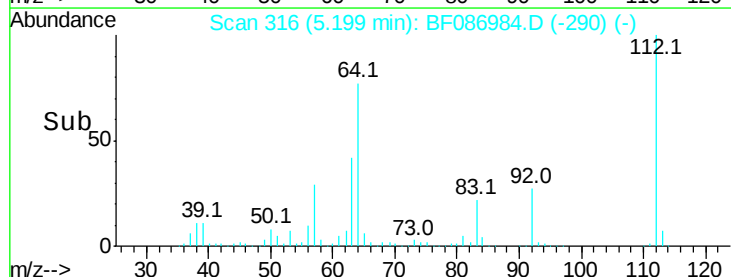
63 41.9 25.7 38.5#

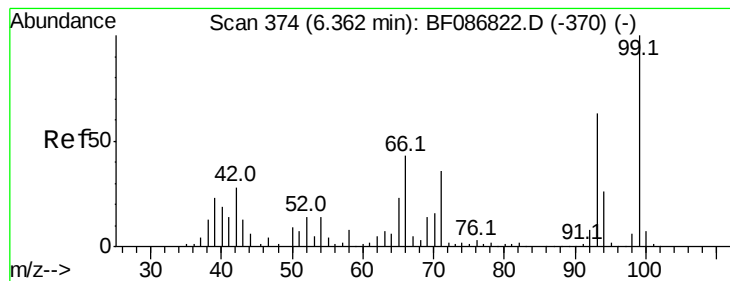


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.27 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-31(0.5-10.0)

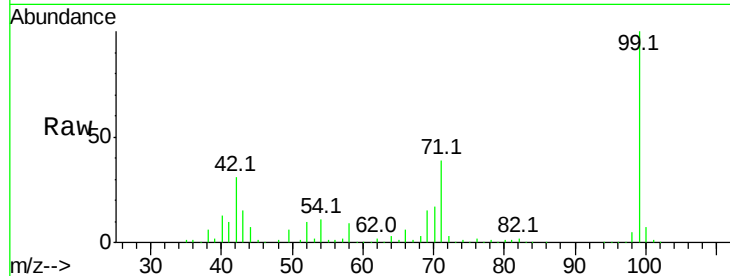
Tot Ion: 99 Resp: 1126155

Ion Ratio Lower Upper

99 100

42 30.9 13.6 20.4#

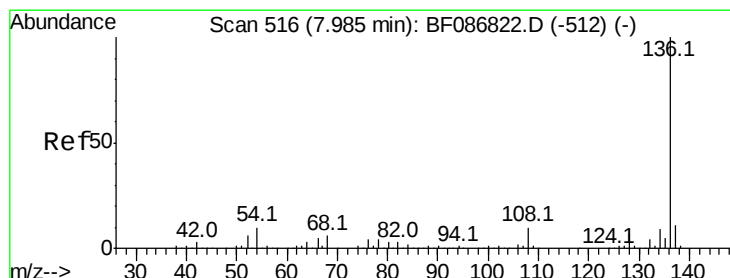
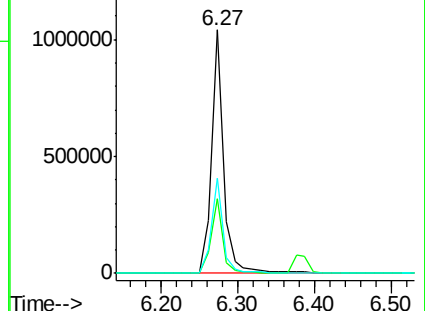
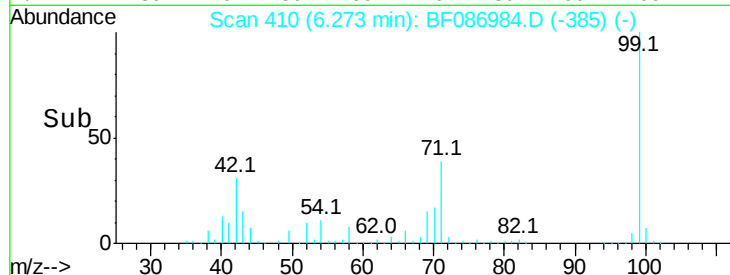
71 39.3 24.6 36.8#



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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

Tgt Ion: 136 Resp: 591160

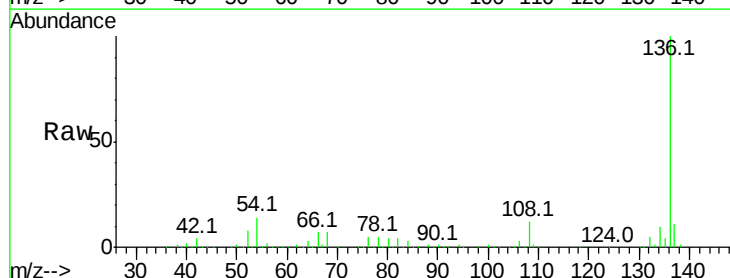
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 14.0 5.0 7.4#

68 7.3 4.4 6.6#

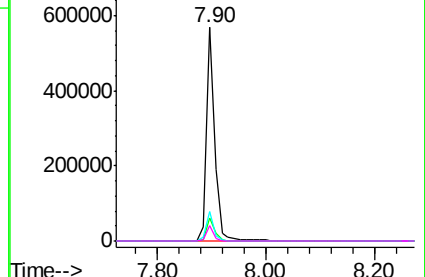
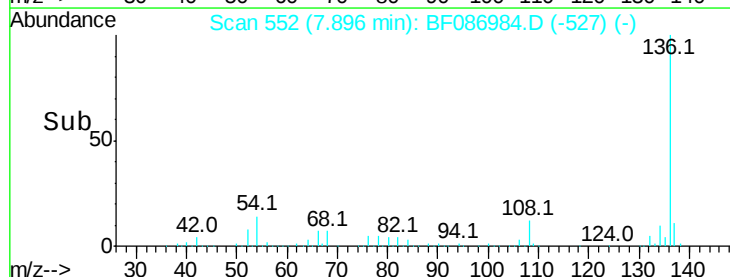


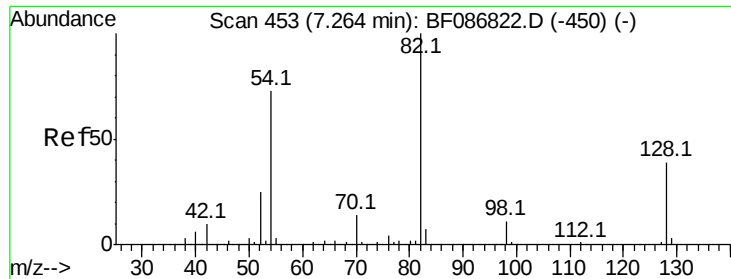
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.85 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-31(0.5-10.0)

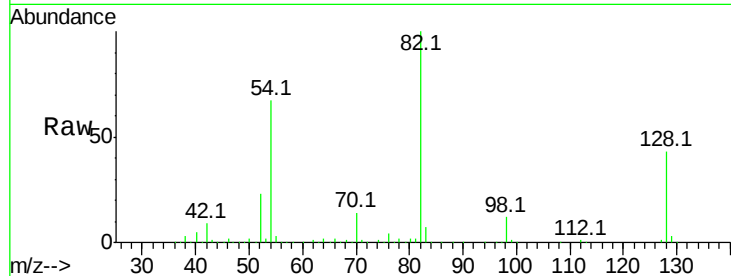
Tot Ion: 82 Resp: 892986

Ion Ratio Lower Upper

82 100

128 43.2 40.6 61.0

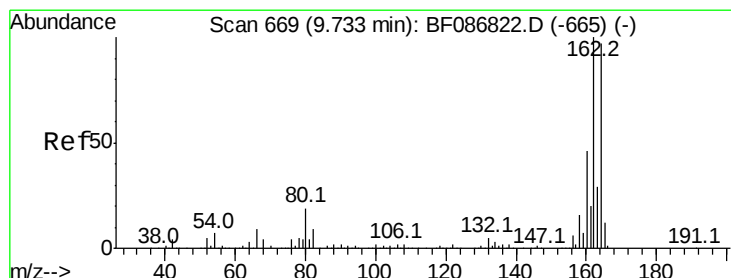
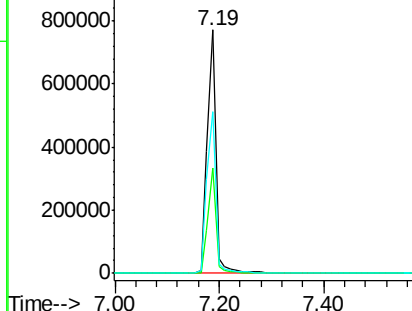
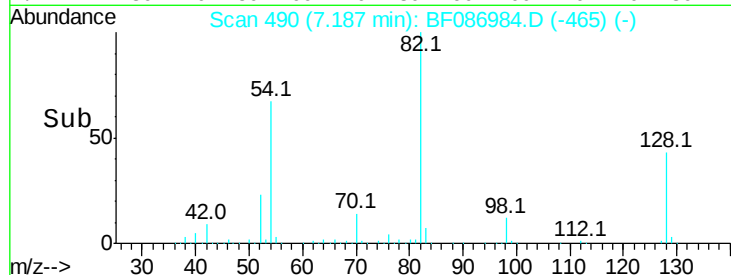
54 66.7 38.1 57.1#



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: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

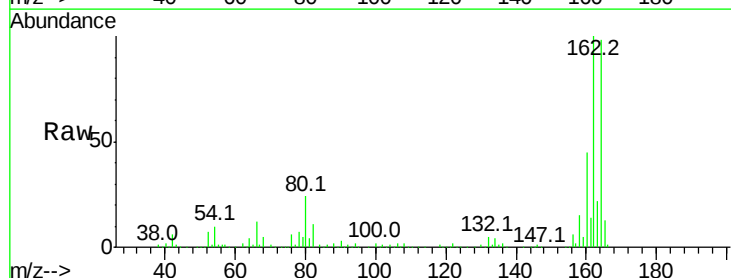
Tgt Ion: 164 Resp: 292465

Ion Ratio Lower Upper

164 100

162 101.6 82.8 124.2

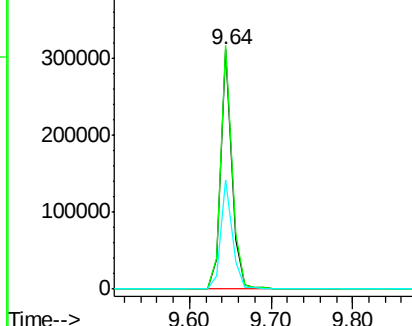
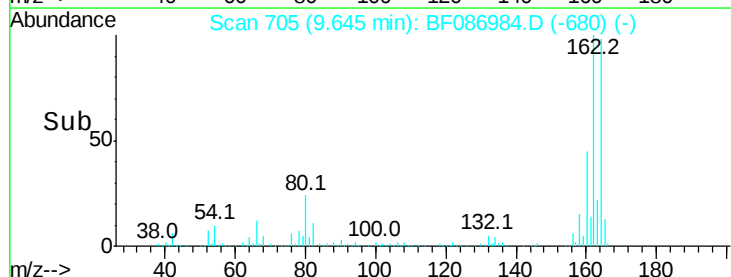
160 45.4 36.9 55.3

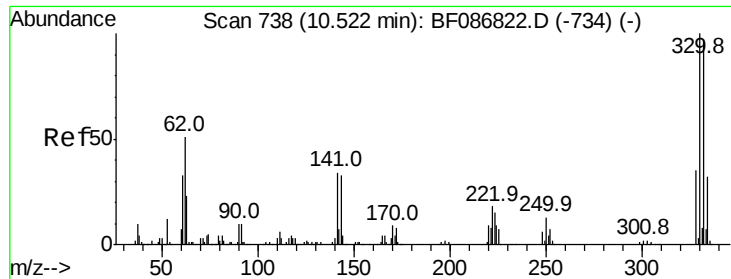


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

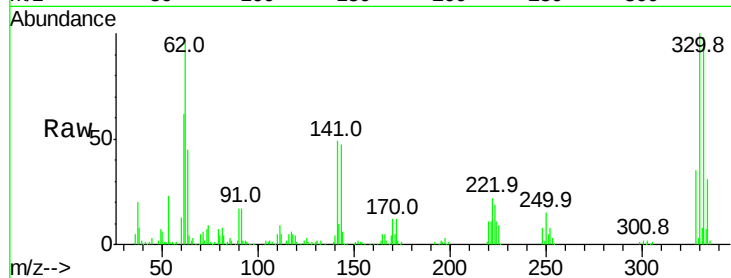




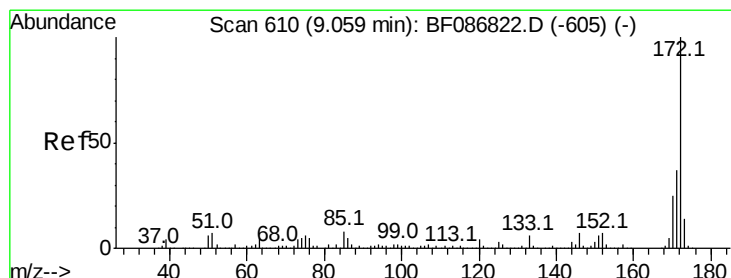
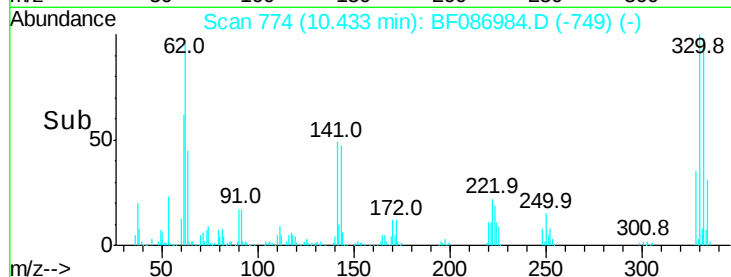
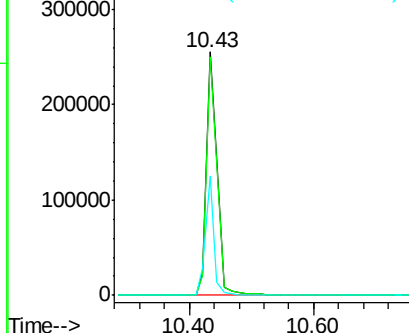
#41
 2,4,6-Tribromophenol
 Concen: 99.38 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF086984.D
 Acq: 13 May 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-31(0.5-10.0)

Tot Ion:330 Resp: 307704
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 39.2 31.2 46.8

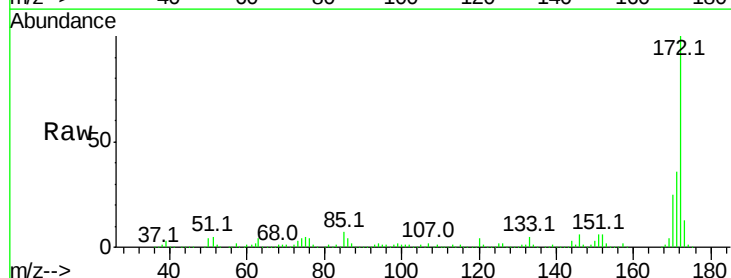


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

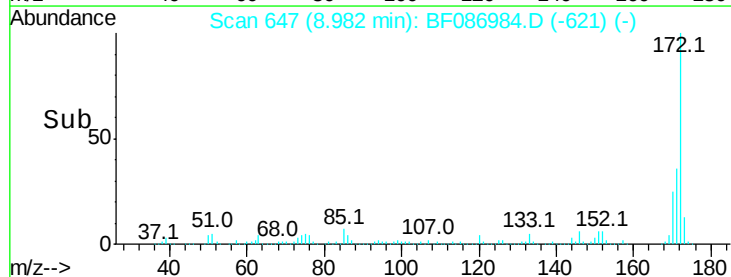
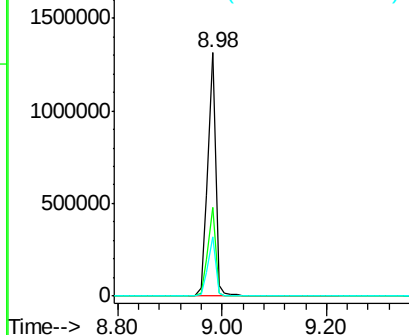


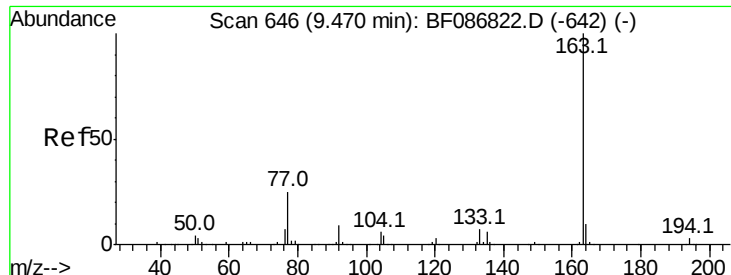
#44
 2-Fluorobiphenyl
 Concen: 79.38 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086984.D
 Acq: 13 May 2016 21:51

Tgt Ion:172 Resp: 1381351
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.5 19.8 29.8



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: 5.44 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-31(0.5-10.0)

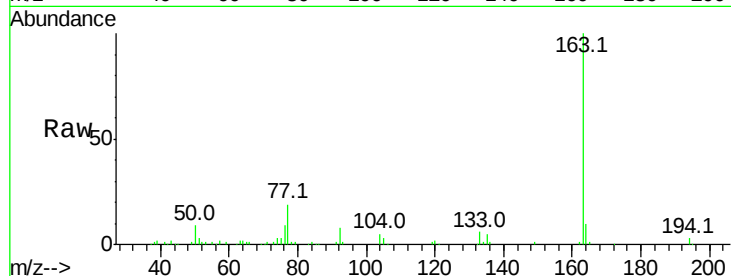
Tot Ion:163 Resp: 121317

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

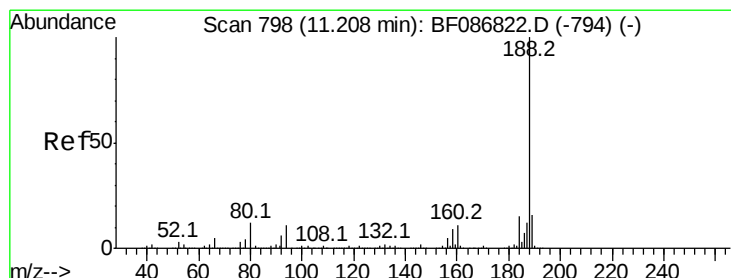
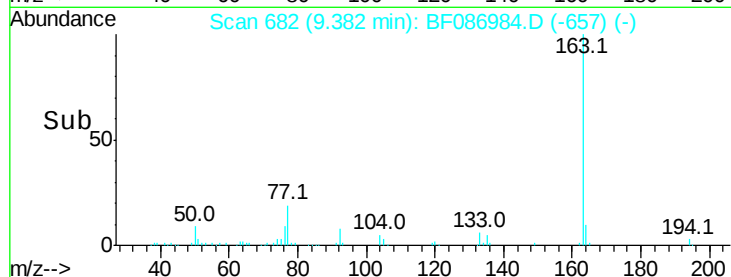
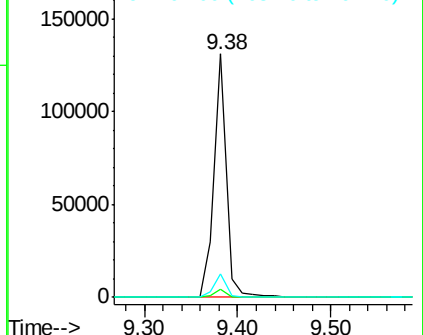
164 9.7 8.2 12.4



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: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

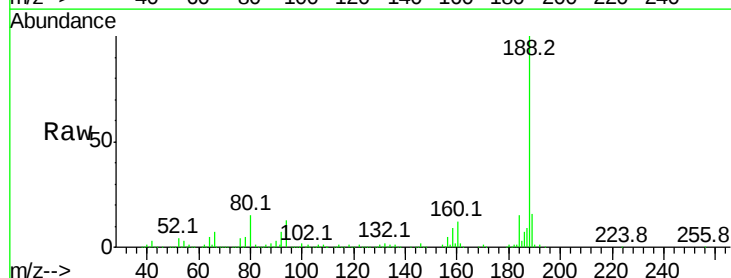
Tgt Ion:188 Resp: 569302

Ion Ratio Lower Upper

188 100

94 13.4 6.8 10.2#

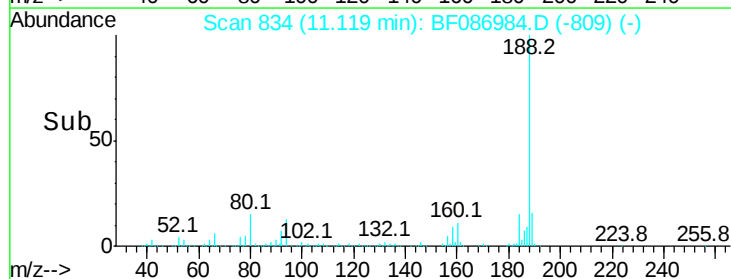
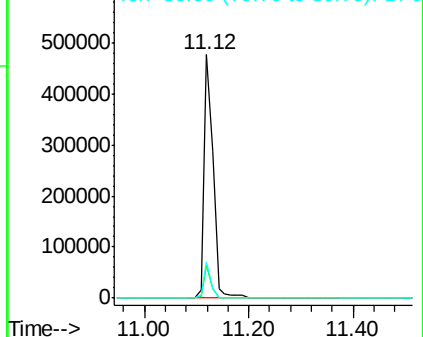
80 15.1 7.1 10.7#

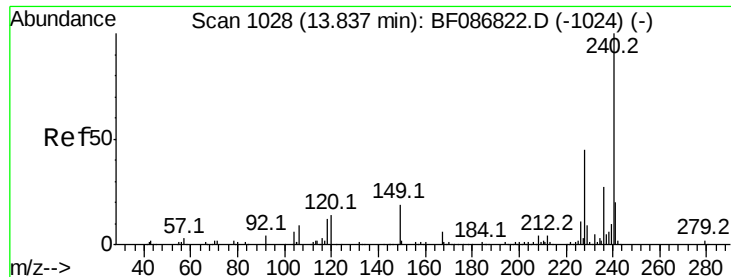


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-31(0.5-10.0)

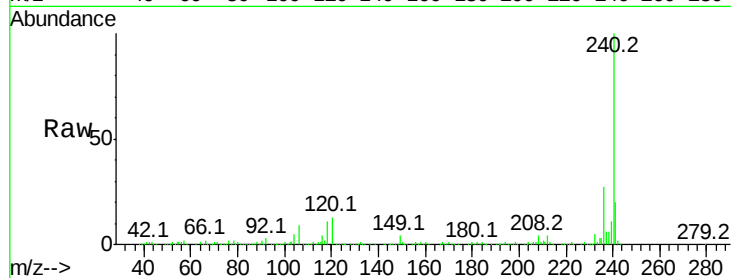
Tot Ion:240 Resp: 527530

Ion Ratio Lower Upper

240 100

120 12.6 11.2 16.8

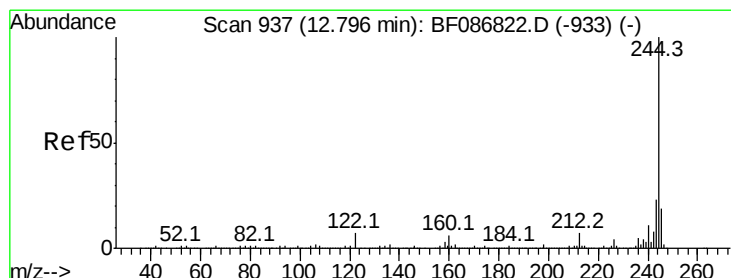
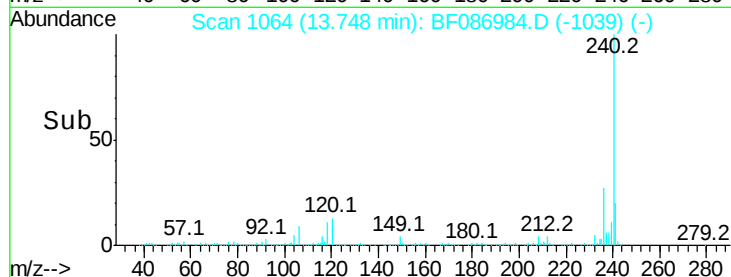
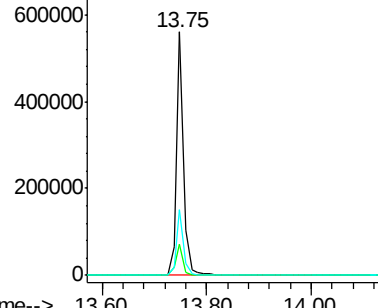
236 26.8 21.2 31.8



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: 49.64 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086984.D

Acq: 13 May 2016 21:51

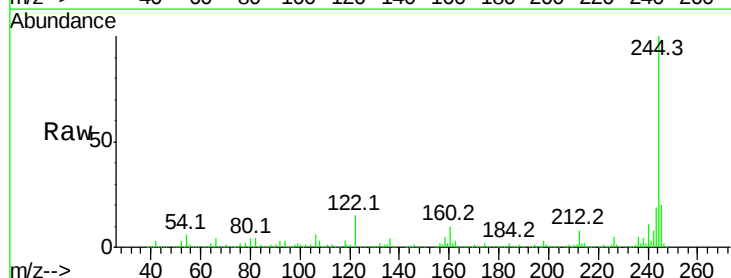
Tgt Ion:244 Resp: 1234124

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

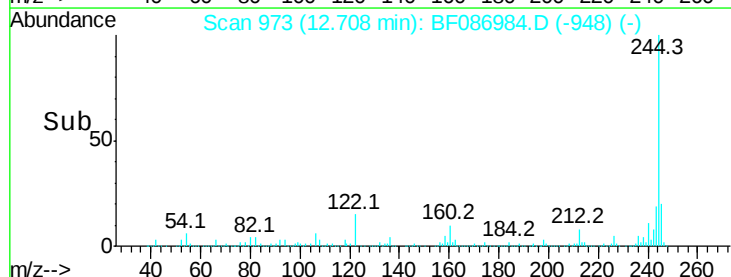
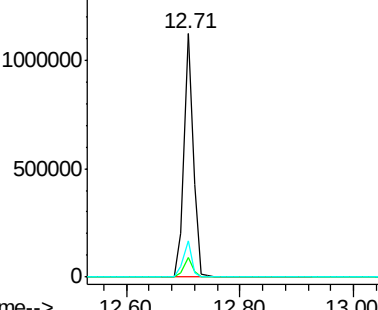
122 15.1 12.0 18.0

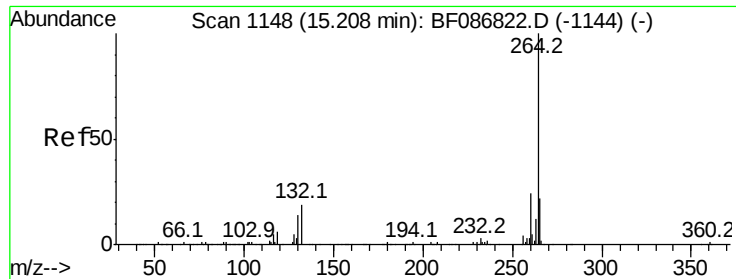


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

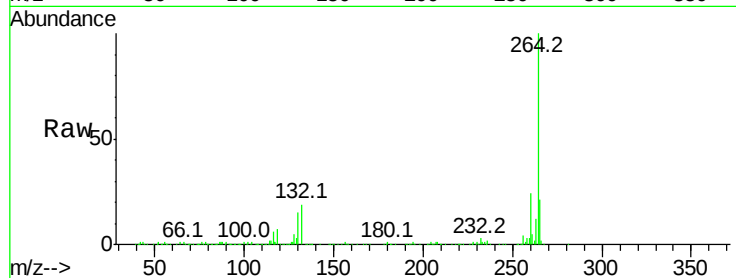




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086984.D
 Acq: 13 May 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-31(0.5-10.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.3	25.9



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

