

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
 Data File : BF081896.D
 Acq On : 30 Sep 2015 4:26
 Operator : UM/IZ
 Sample : PB85818BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BL

Quant Time: Sep 30 06:49:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	91234	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	371933	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	145343	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	368136	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	382821	20.00	ng	-0.02
86) Perylene-d12	15.56	264	356193	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	686960	136.69	ng	0.00
7) Phenol-d6	6.55	99	694794	109.86	ng	-0.01
23) Nitrobenzene-d5	7.49	82	459532	82.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	174826	118.77	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	890775	108.22	ng	-0.02
78) Terphenyl-d14	13.04	244	1057972	91.04	ng	-0.01

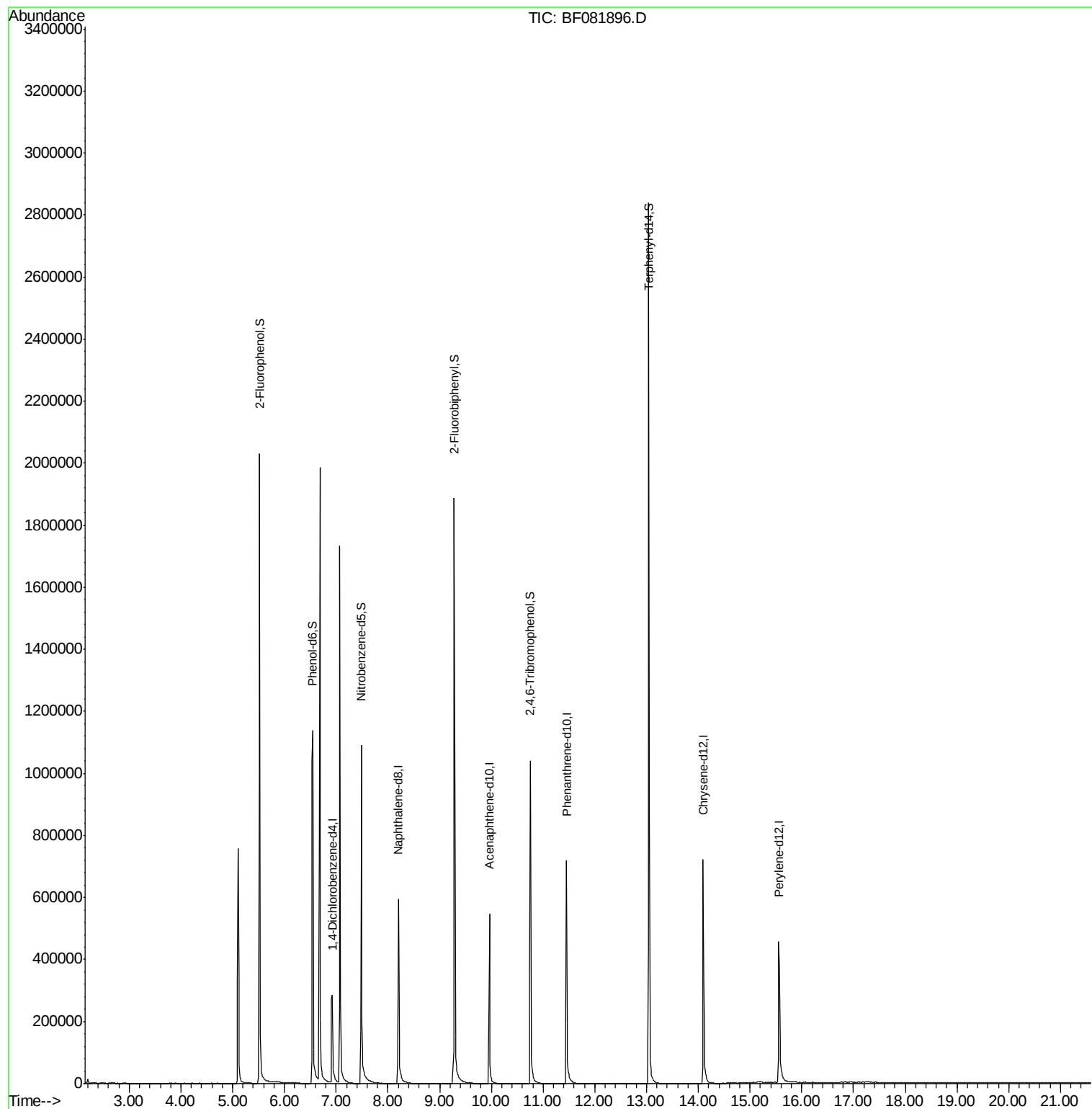
Target Compounds Qvalue

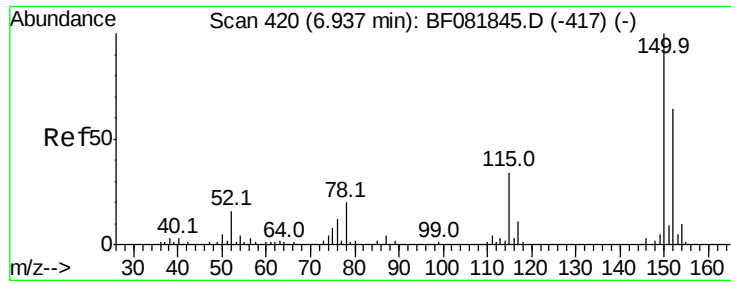
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB85818BL

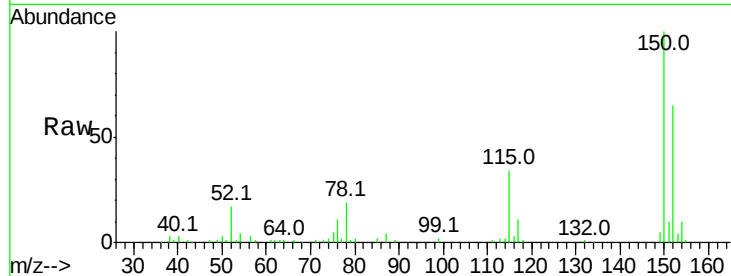
Tot Ion:152 Resp: 91234

Ion Ratio Lower Upper

152 100

150 154.7 124.7 187.1

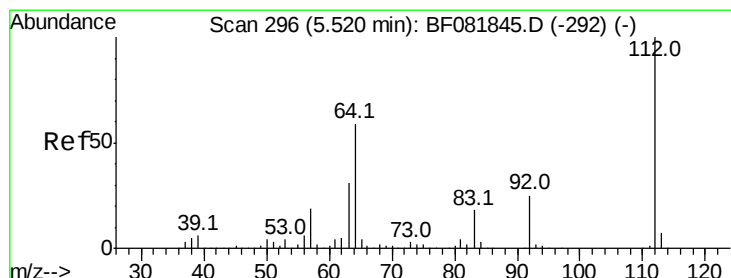
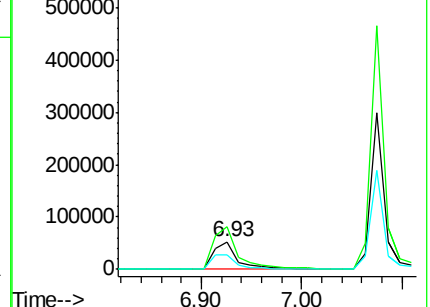
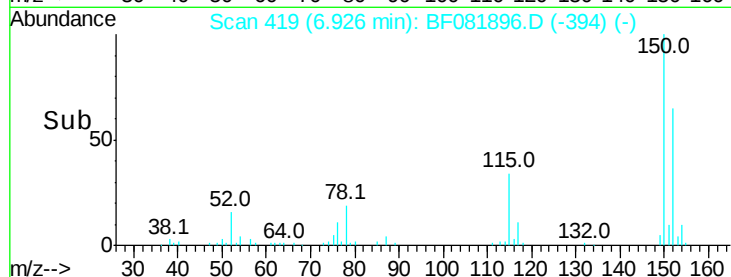
115 52.1 39.0 58.4



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: 136.69 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

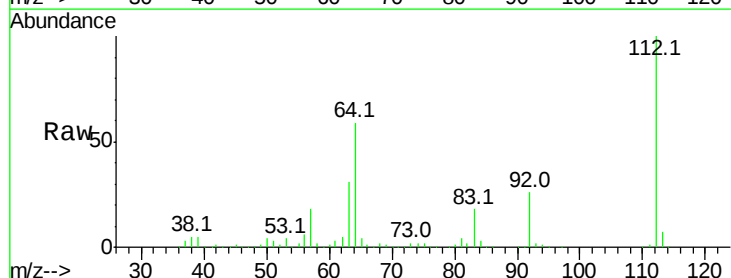
Tgt Ion:112 Resp: 686960

Ion Ratio Lower Upper

112 100

64 58.9 39.7 59.5

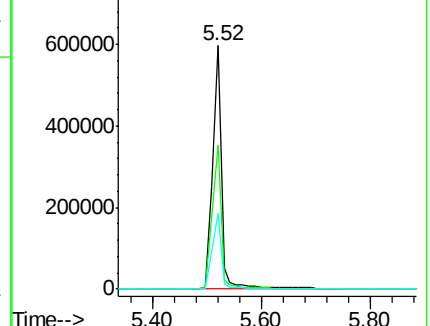
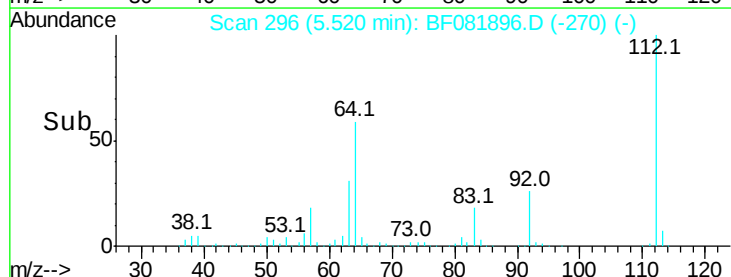
63 31.0 17.4 26.0#



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: 109.86 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

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PB85818BL

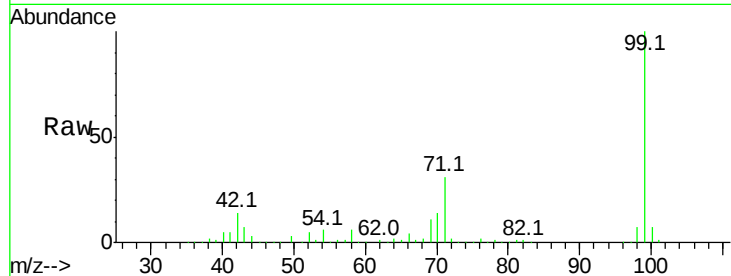
Tot Ion: 99 Resp: 694794

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5

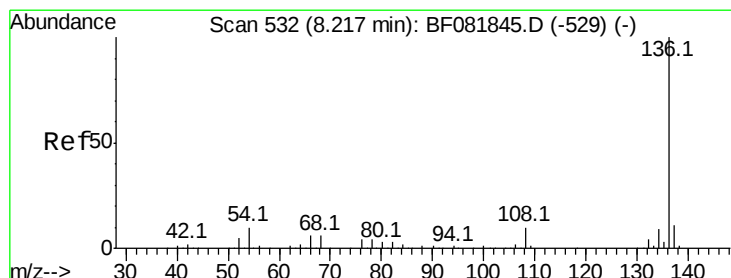
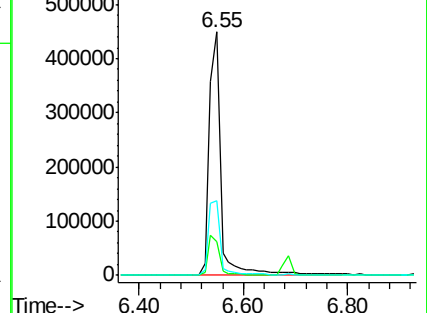
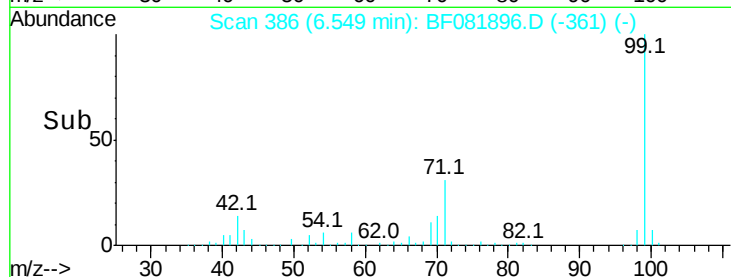
71 30.6 14.2 21.2#



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: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

Tgt Ion: 136 Resp: 371933

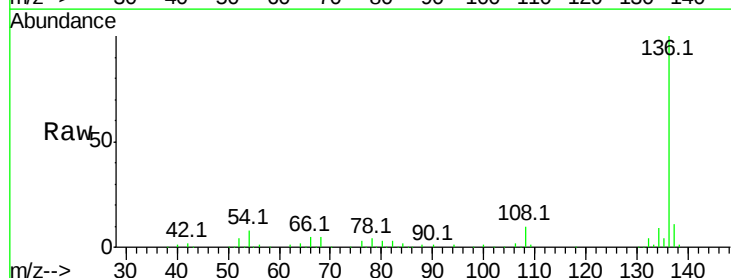
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.5 8.2 12.2#

68 5.0 5.8 8.6#

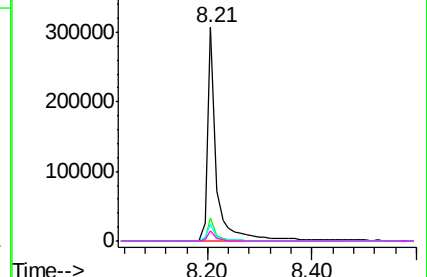
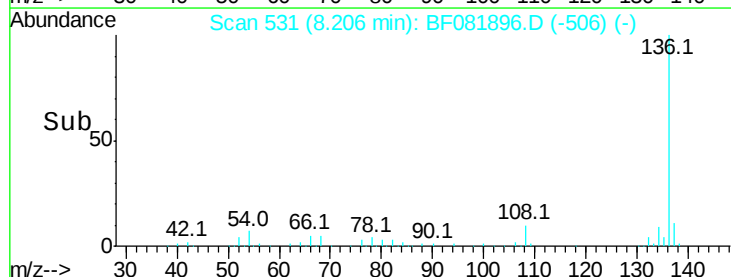


Abundance Ion 136.00 (135.70 to 136.70): E

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

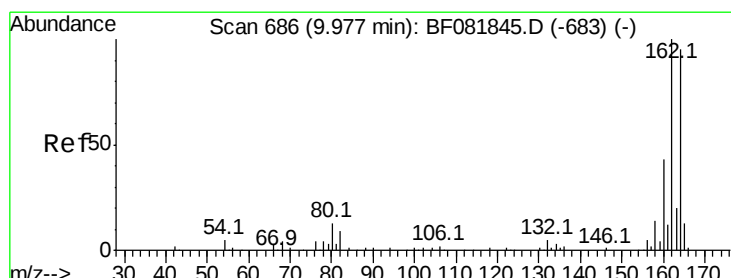
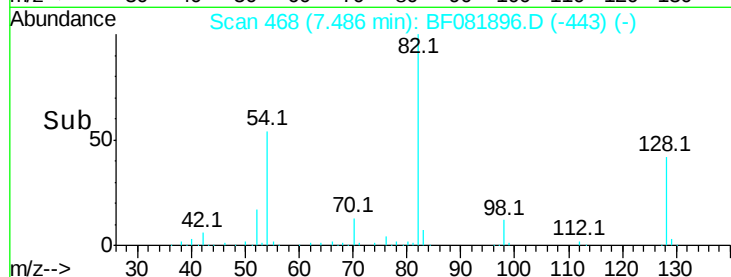
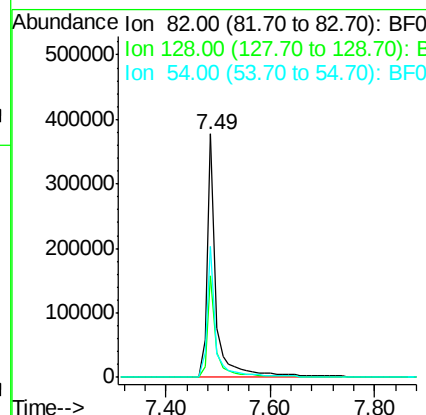
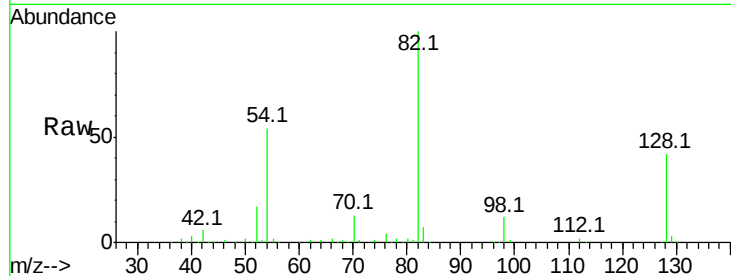




#23
 Nitrobenzene-d5
 Concen: 82.36 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

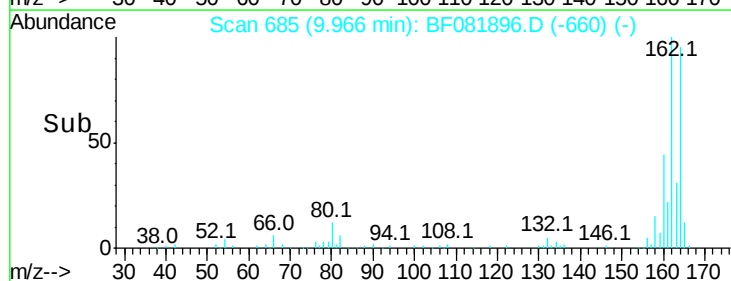
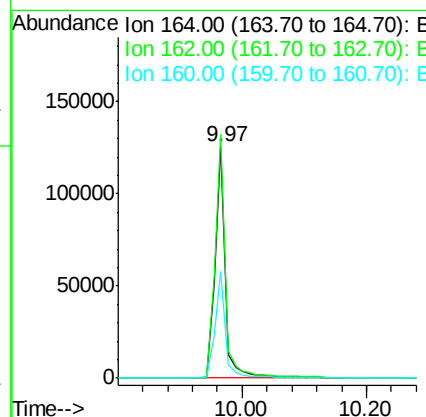
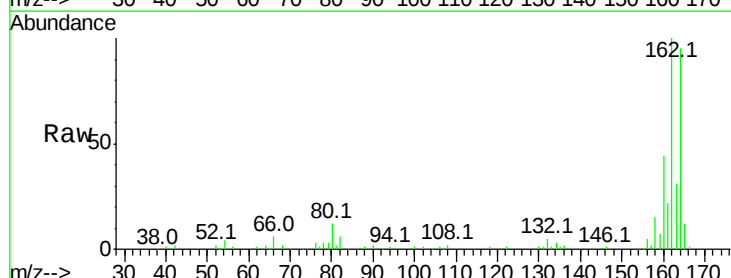
Instrument :
 BNA_F
 ClientSampleID :
 PB85818BL

Tot Ion	82	Resp	459532
Ion	Ratio	Lower	Upper
82	100		
128	42.0	51.0	76.6#
54	53.9	47.5	71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

Tgt Ion	164	Resp	145343
Ion	Ratio	Lower	Upper
164	100		
162	105.4	75.2	112.8
160	46.2	31.5	47.3

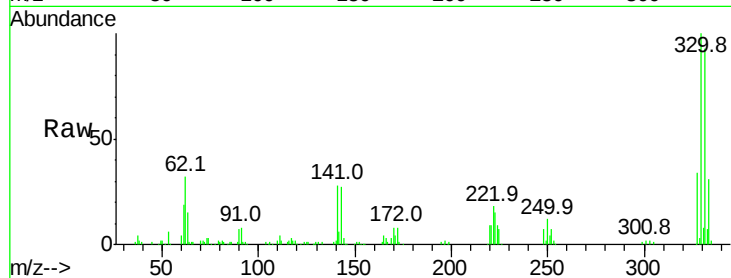




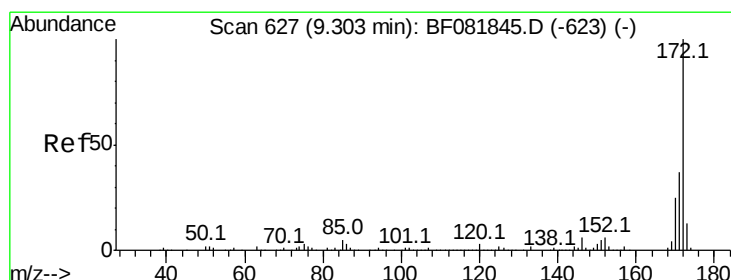
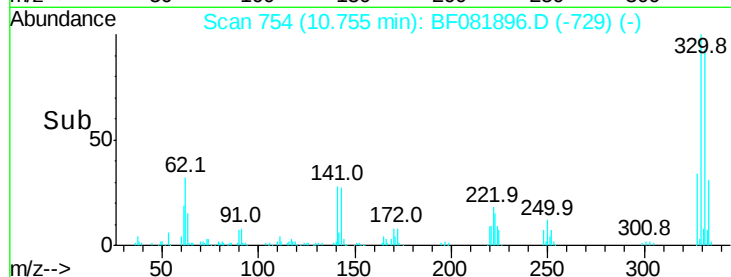
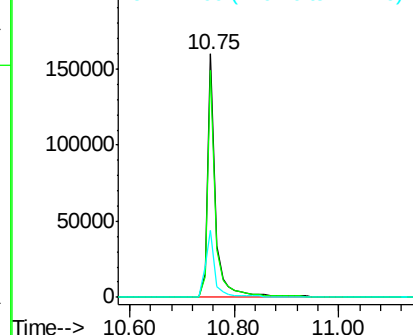
#41
 2,4,6-Tribromophenol
 Concen: 118.77 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BL

Tot Ion:330 Resp: 174826
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.6 114.8
 141 33.1 29.7 44.5

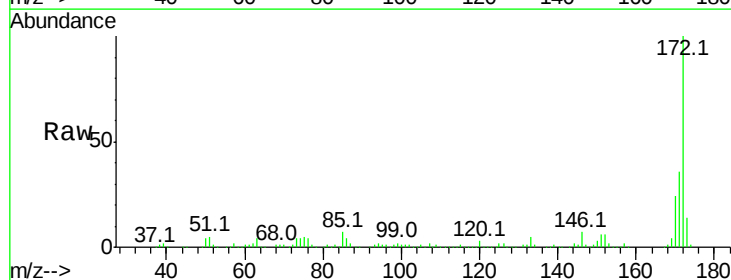


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

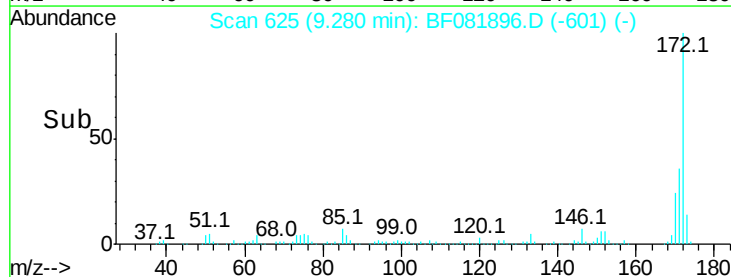
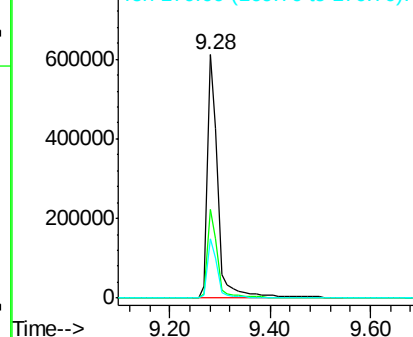


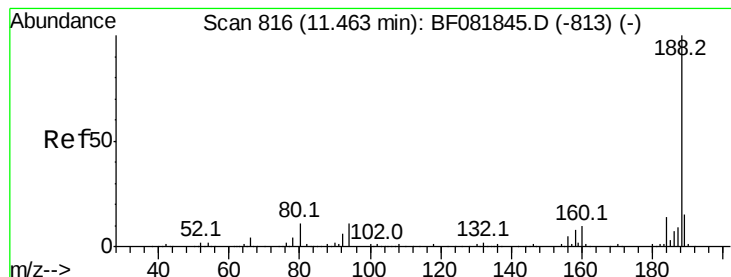
#44
 2-Fluorobiphenyl
 Concen: 108.22 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

Tgt Ion:172 Resp: 890775
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.4 17.4 26.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB85818BL

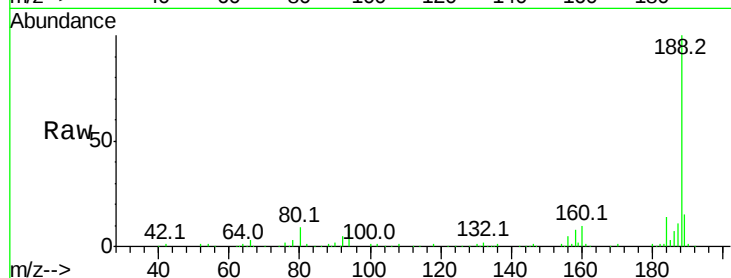
Tot Ion:188 Resp: 368136

Ion Ratio Lower Upper

188 100

94 8.5 11.1 16.7#

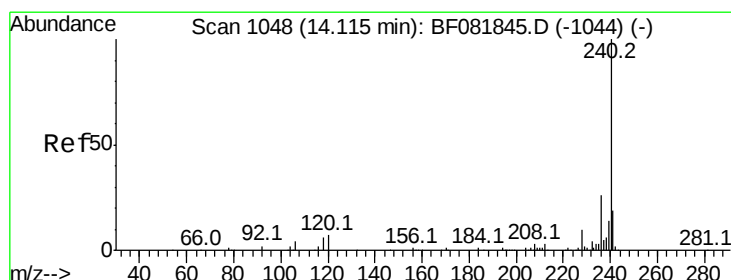
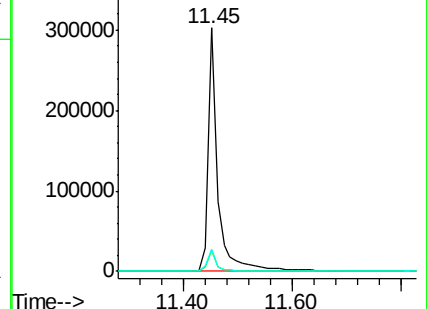
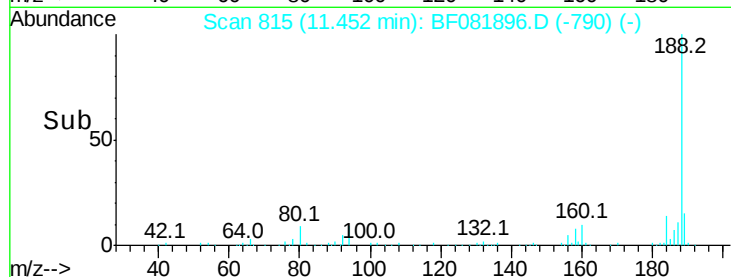
80 9.1 11.0 16.4#



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: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

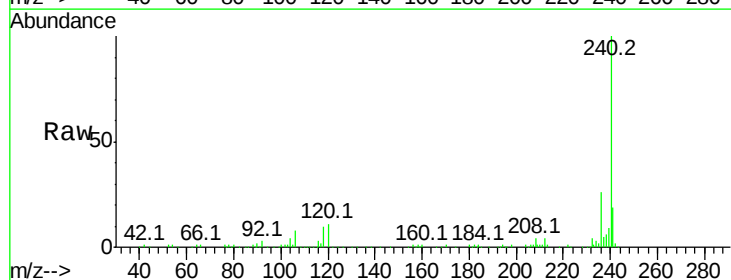
Tgt Ion:240 Resp: 382821

Ion Ratio Lower Upper

240 100

120 11.0 16.2 24.2#

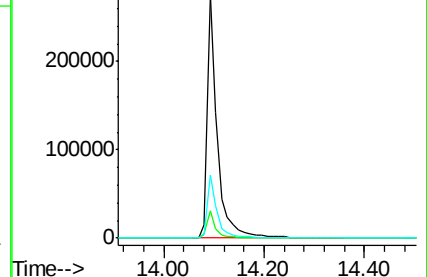
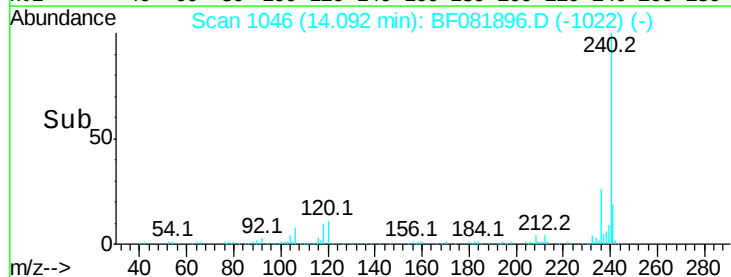
236 25.8 18.4 27.6

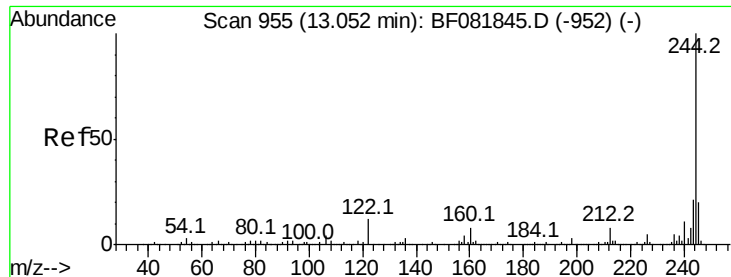


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

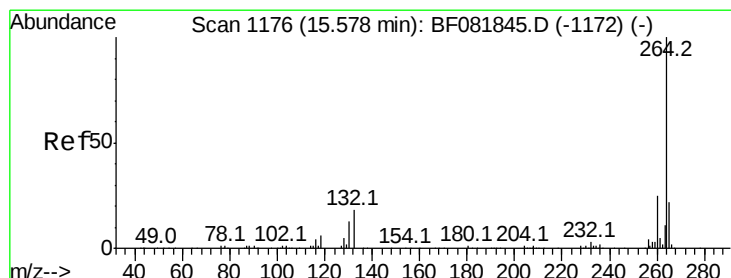
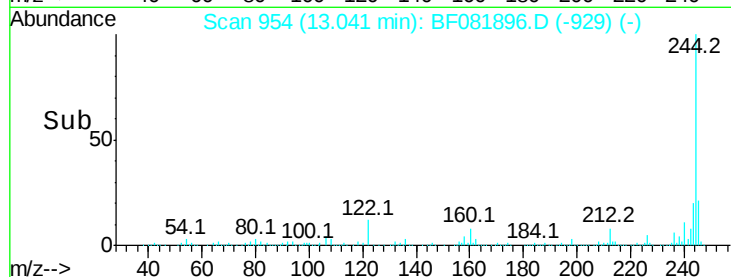
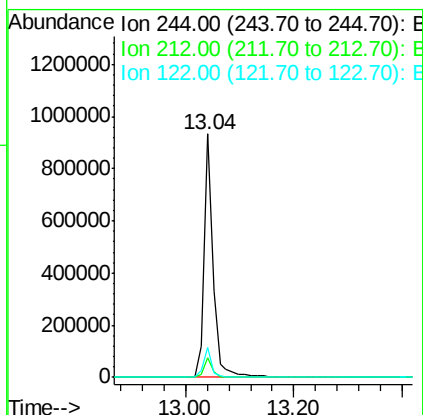
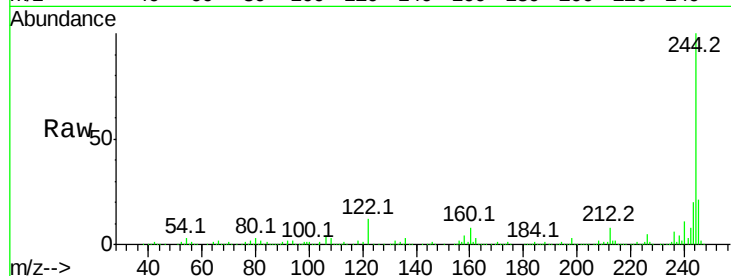




#78
 Terphenyl-d14
 Concen: 91.04 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BL

Tot Ion:244 Resp: 1057972
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 12.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

Tgt Ion:264 Resp: 356193
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.8 17.2 25.8

