

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
 Data File : BF081899.D
 Acq On : 30 Sep 2015 5:59
 Operator : UM/IZ
 Sample : G3840-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP219BR-53-55

Quant Time: Sep 30 07:06:09 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

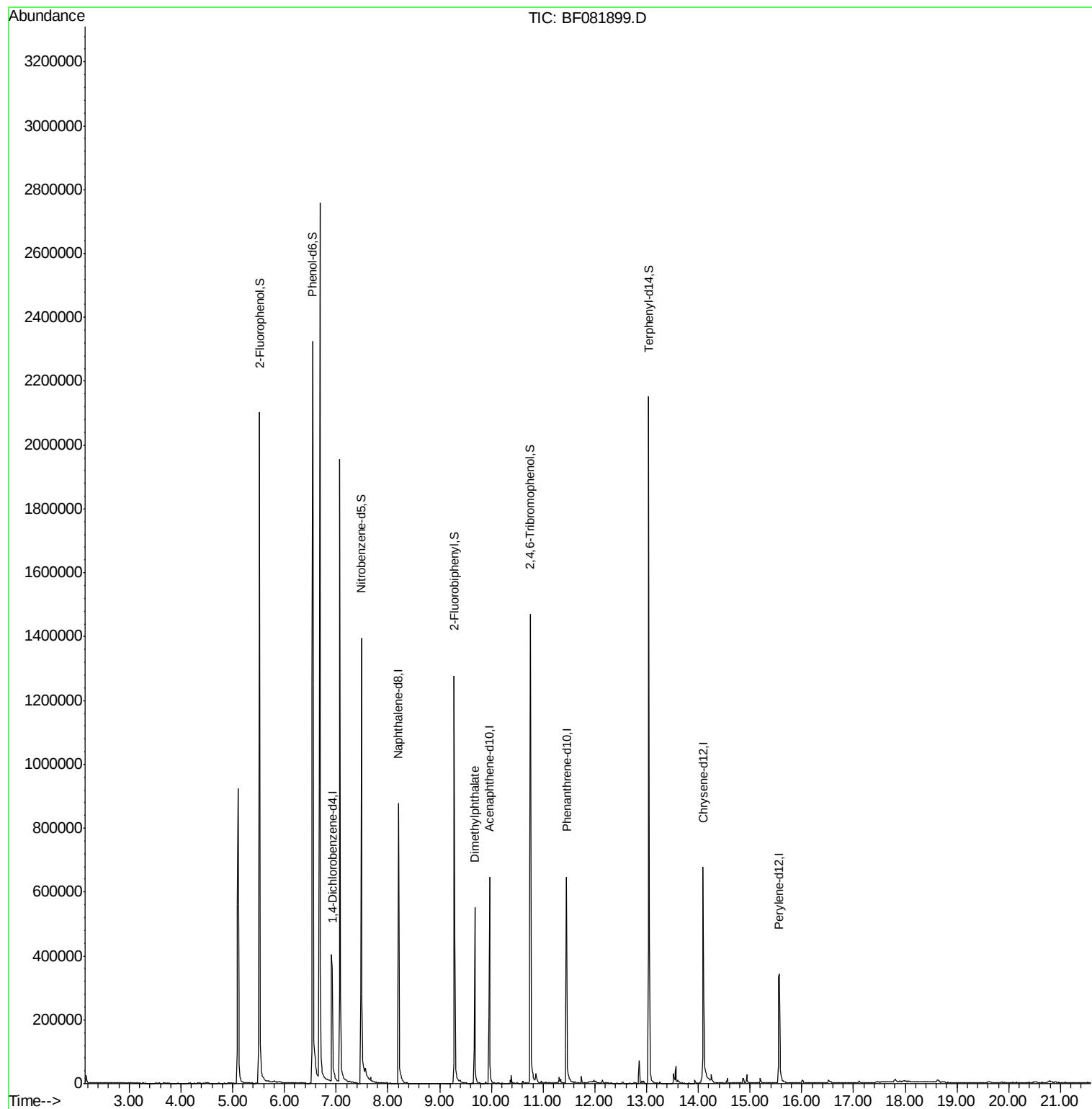
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	117430	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	468170	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	147917	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	306057	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	302981	20.00	ng	-0.02
86) Perylene-d12	15.57	264	261253	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	797065	123.22	ng	0.00
7) Phenol-d6	6.55	99	1086291	133.45	ng	-0.01
23) Nitrobenzene-d5	7.49	82	581004	82.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	211006	140.85	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	495244	51.91	ng	-0.02
78) Terphenyl-d14	13.04	244	747924	77.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.68	163	261191	25.58	ng	Qvalue # 97

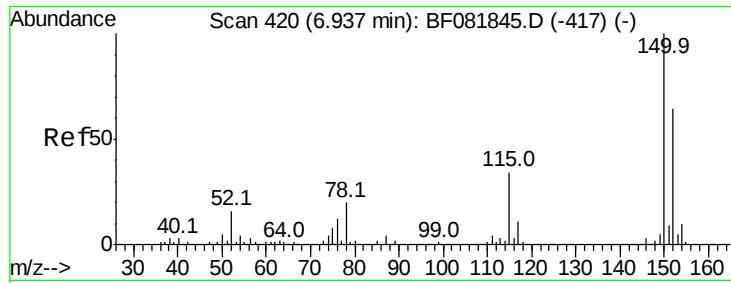
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

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BNA_F

ClientSampleId :

MGP219BR-53-55

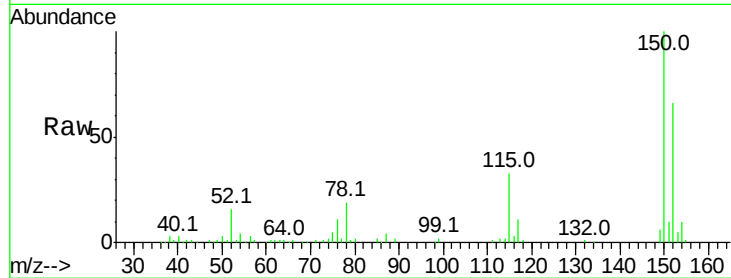
Tot Ion:152 Resp: 117430

Ion Ratio Lower Upper

152 100

150 151.9 124.7 187.1

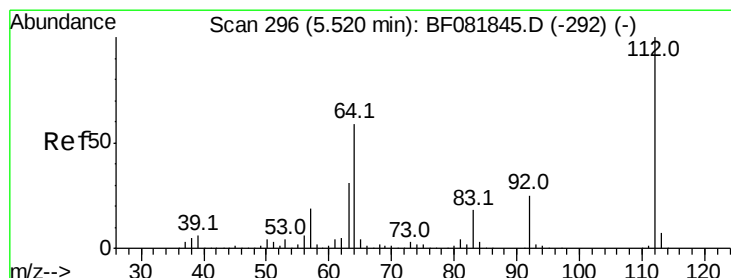
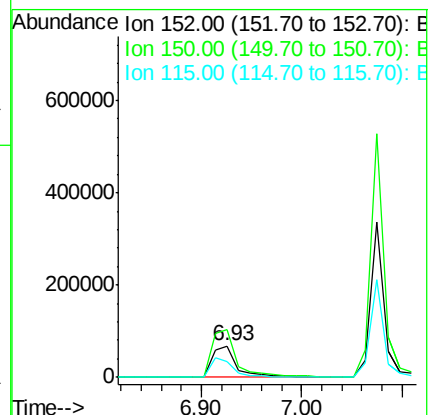
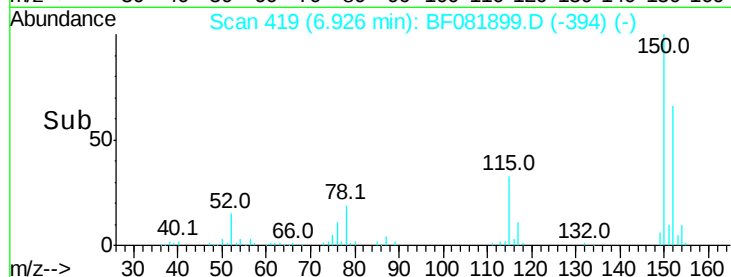
115 49.8 39.0 58.4



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: 123.22 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081899.D

Acq: 30 Sep 2015 5:59

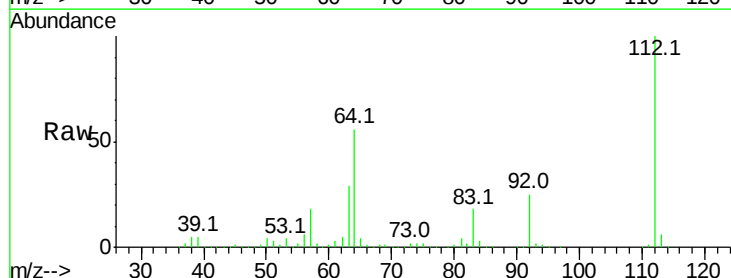
Tgt Ion:112 Resp: 797065

Ion Ratio Lower Upper

112 100

64 55.7 39.7 59.5

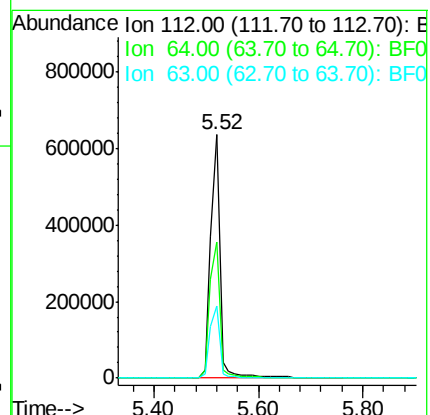
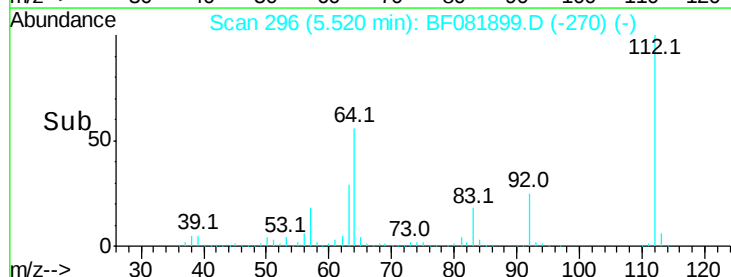
63 29.5 17.4 26.0#

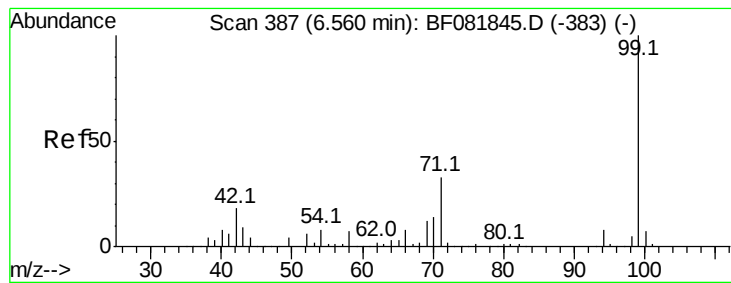


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.45 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081899.D

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Instrument :

BNA_F

ClientSampleId :

MGP219BR-53-55

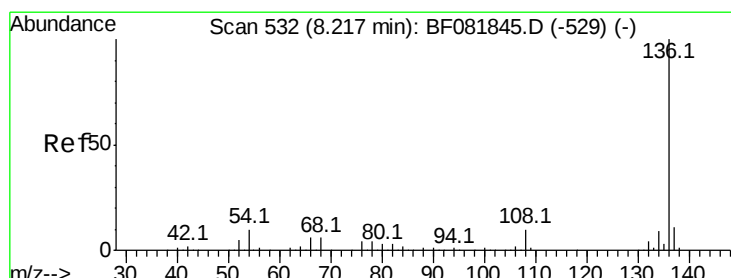
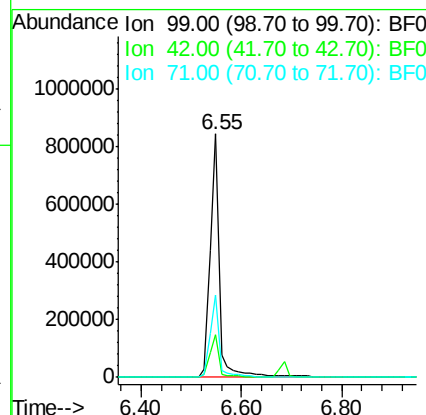
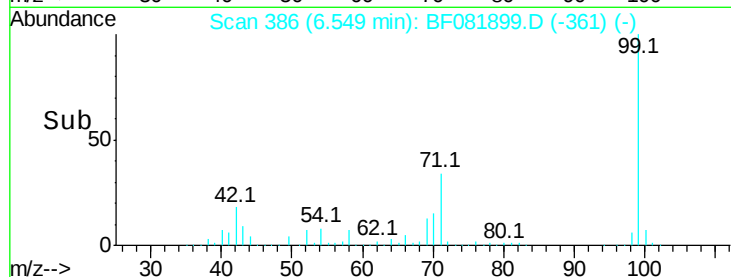
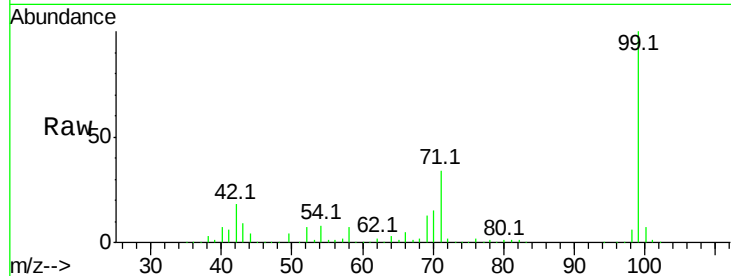
Tot Ion: 99 Resp: 1086291

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

71 33.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081899.D

Acq: 30 Sep 2015 5:59

Tgt Ion: 136 Resp: 468170

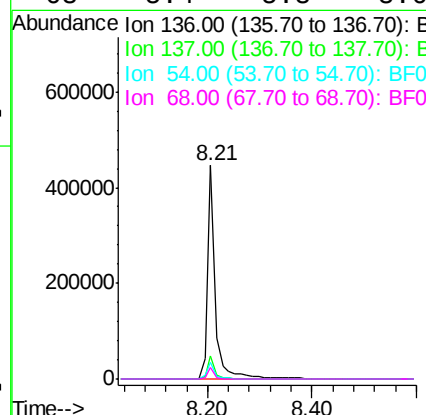
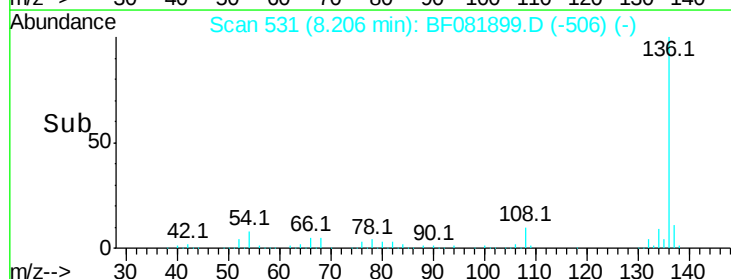
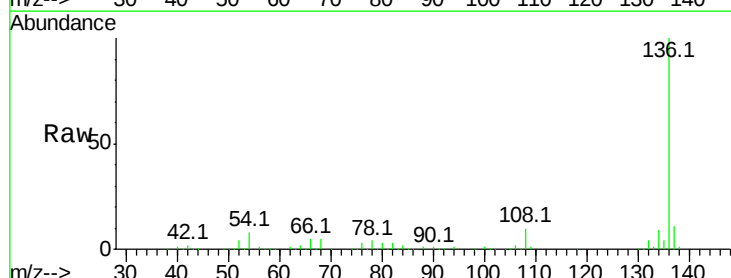
Ion Ratio Lower Upper

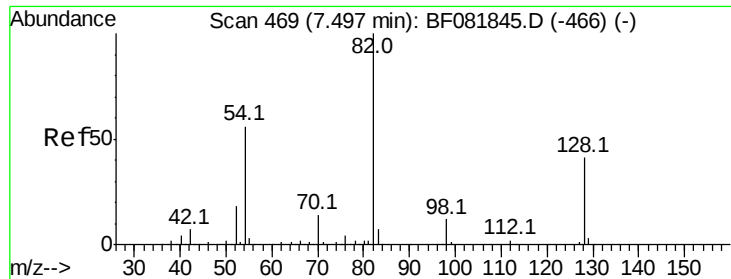
136 100

137 10.9 9.0 13.6

54 7.9 8.2 12.2#

68 5.4 5.8 8.6#

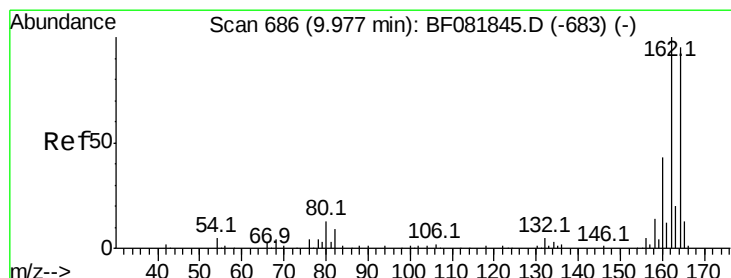
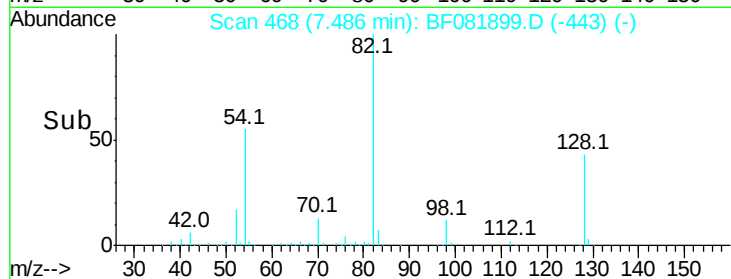
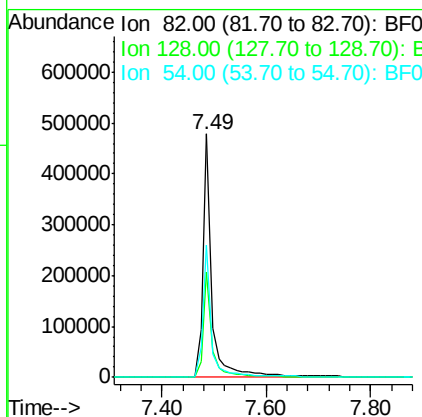
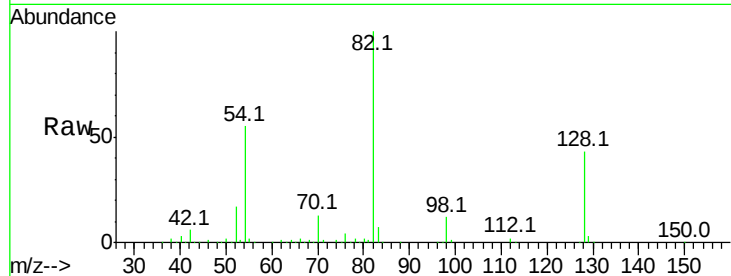




#23
 Nitrobenzene-d5
 Concen: 82.73 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081899.D
 Acq: 30 Sep 2015 5:59

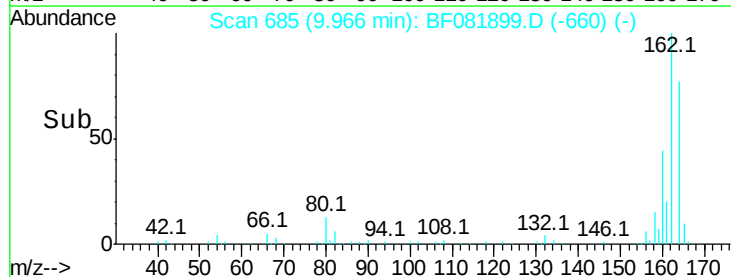
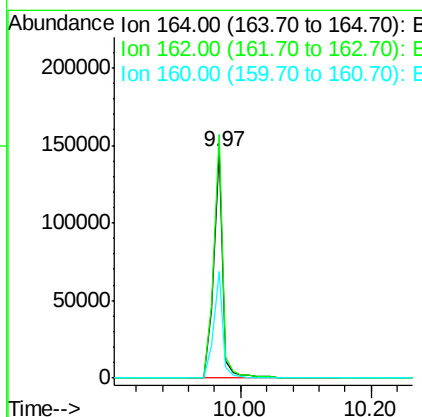
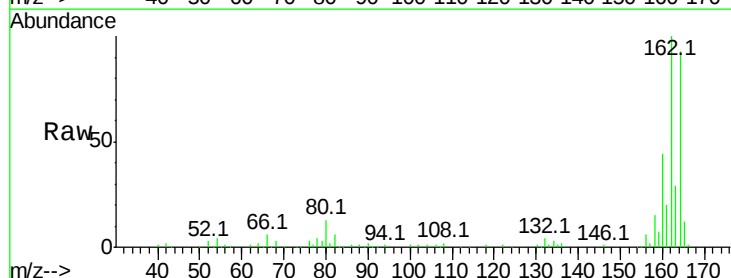
Instrument :
 BNA_F
 ClientSampleId :
 MGP219BR-53-55

Tot Ion	82	Resp	581004
Ion Ratio	Lower	Upper	
82	100		
128	43.4	51.0	76.6#
54	54.6	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: BF081899.D
 Acq: 30 Sep 2015 5:59

Tgt Ion	164	Resp	147917
Ion Ratio	Lower	Upper	
164	100		
162	107.3	75.2	112.8
160	47.2	31.5	47.3

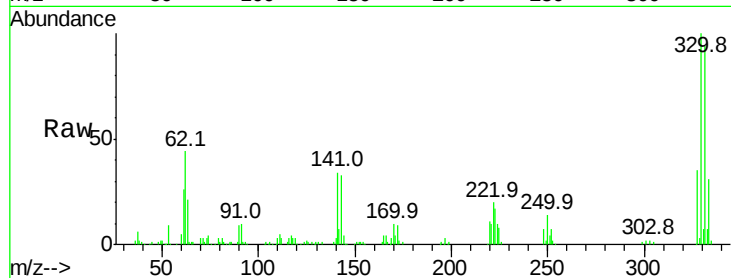




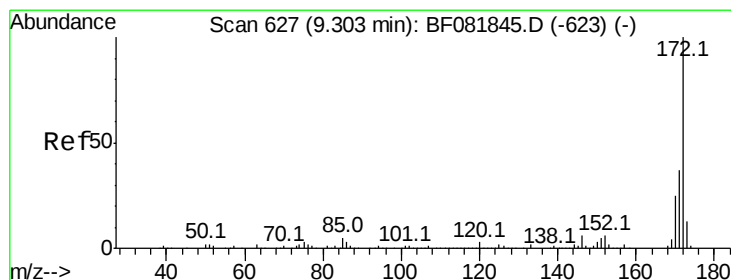
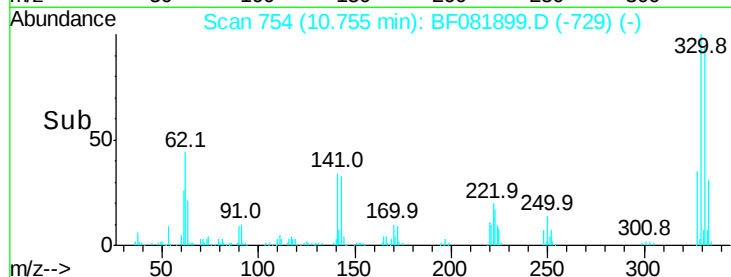
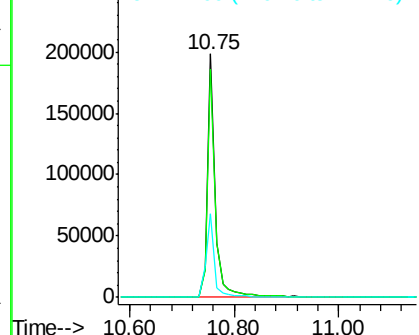
#41
 2,4,6-Tribromophenol
 Concen: 140.85 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081899.D
 Acq: 30 Sep 2015 5:59

Instrument :
 BNA_F
 ClientSampleId :
 MGP219BR-53-55

Tot Ion:330 Resp: 211006
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 36.8 29.7 44.5

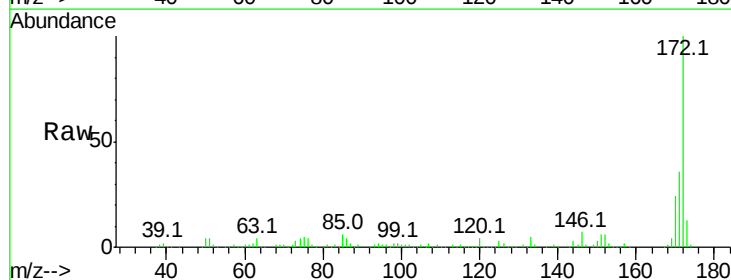


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

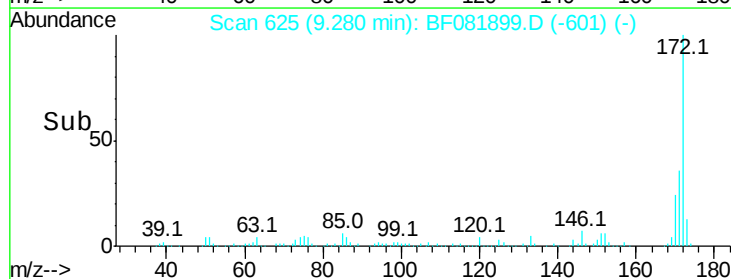
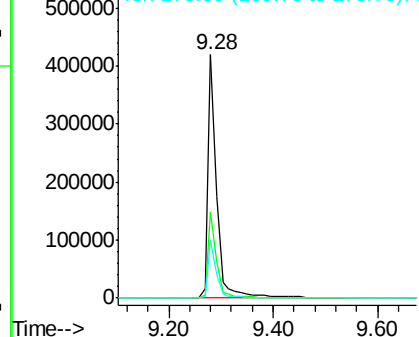


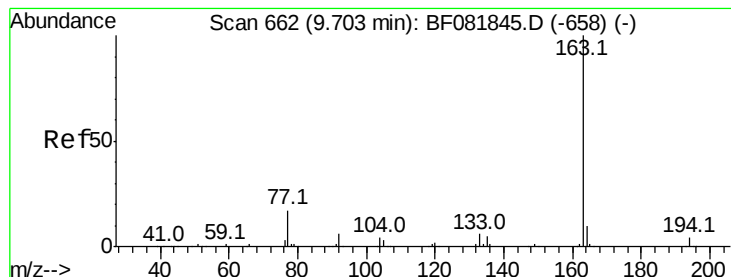
#44
 2-Fluorobiphenyl
 Concen: 51.91 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081899.D
 Acq: 30 Sep 2015 5:59

Tgt Ion:172 Resp: 495244
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.6 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





#49

Dimethylphthalate

Concen: 25.58 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081899.D

Acq: 30 Sep 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MGP219BR-53-55

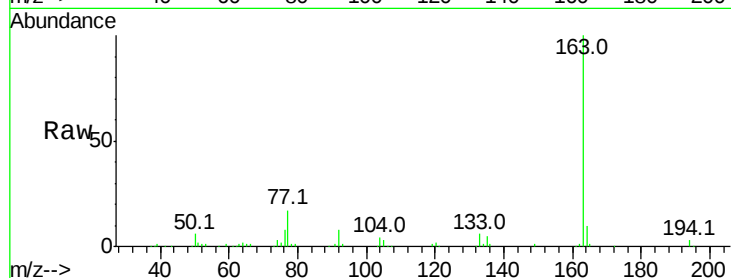
Tot Ion:163 Resp: 261191

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

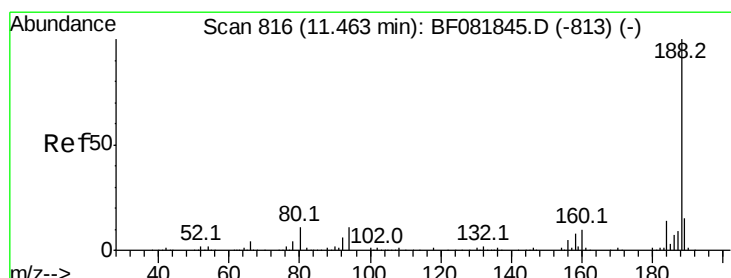
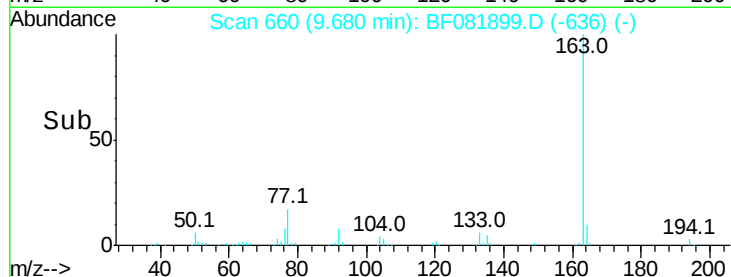
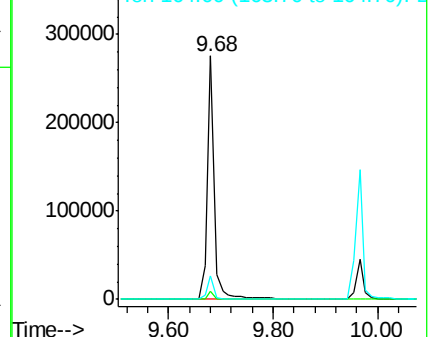
164 9.8 8.3 12.5



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: 11.45 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF081899.D

Acq: 30 Sep 2015 5:59

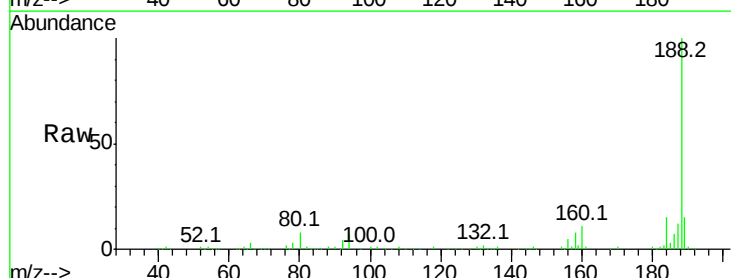
Tgt Ion:188 Resp: 306057

Ion Ratio Lower Upper

188 100

94 7.0 11.1 16.7#

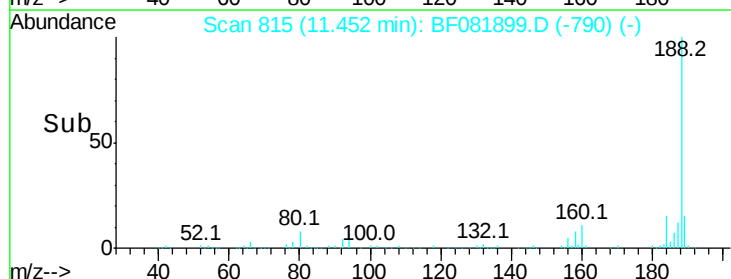
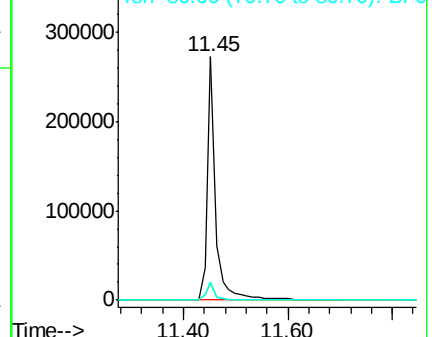
80 7.7 11.0 16.4#

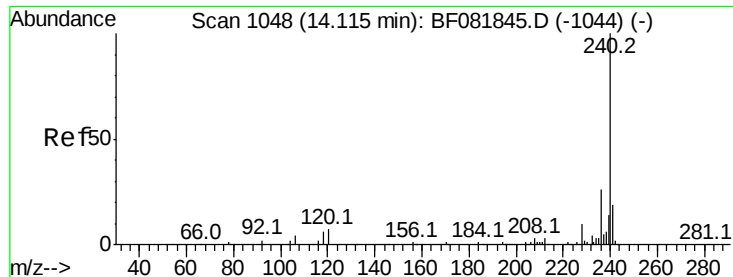


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081899.D

Acq: 30 Sep 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MGP219BR-53-55

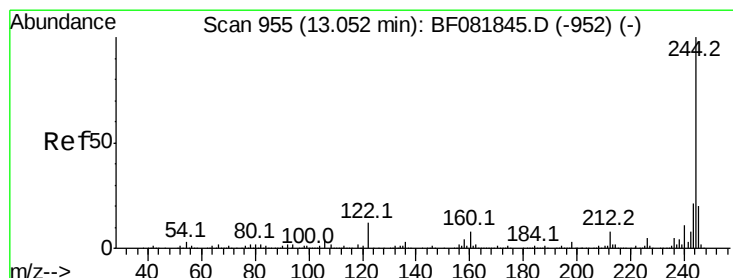
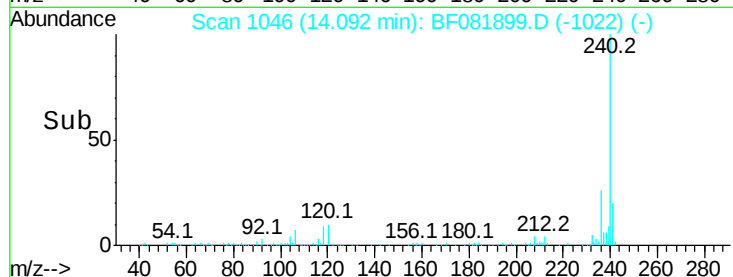
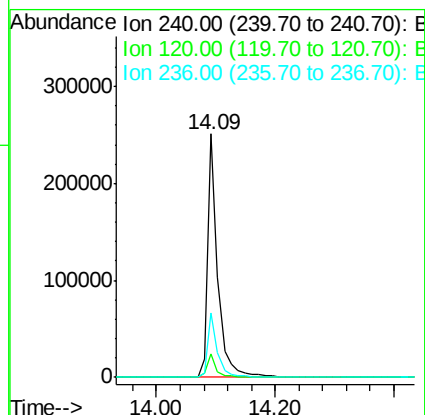
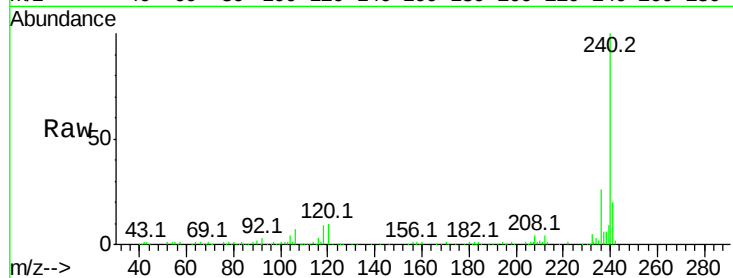
Tot Ion:240 Resp: 302981

Ion Ratio Lower Upper

240 100

120 9.8 16.2 24.2#

236 26.3 18.4 27.6



#78

Terphenyl-d14

Concen: 77.91 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081899.D

Acq: 30 Sep 2015 5:59

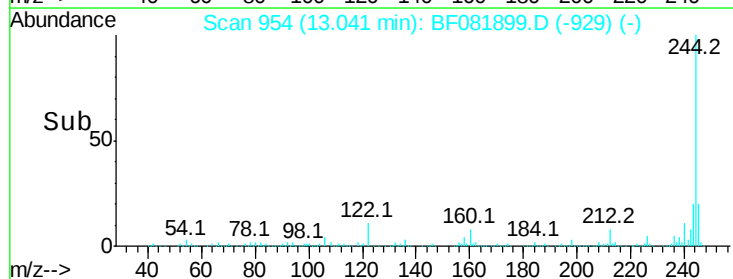
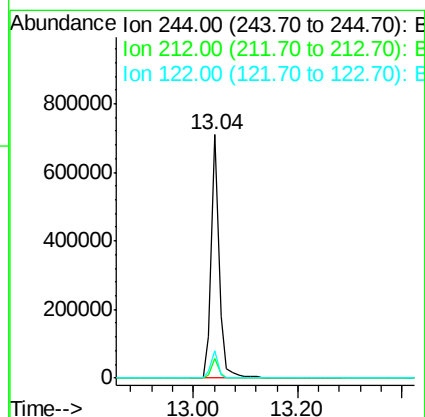
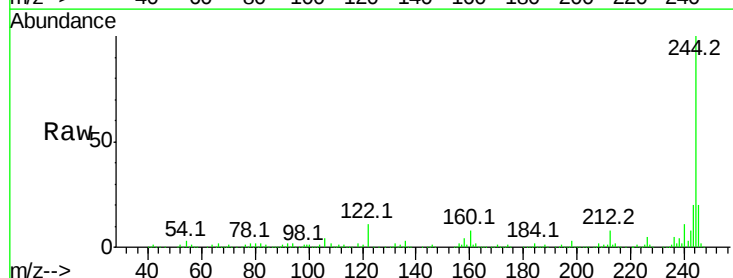
Tgt Ion:244 Resp: 747924

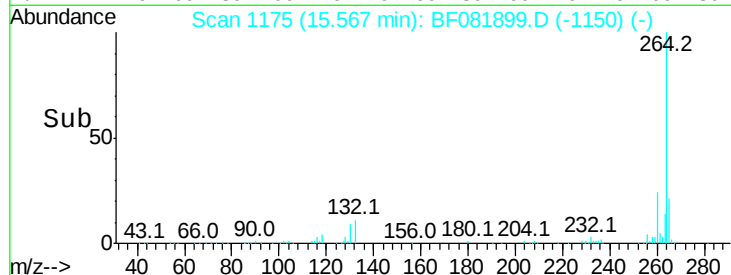
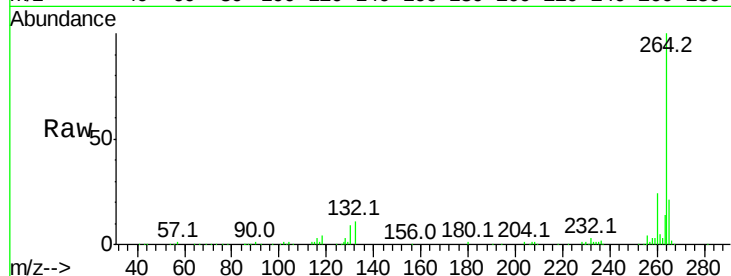
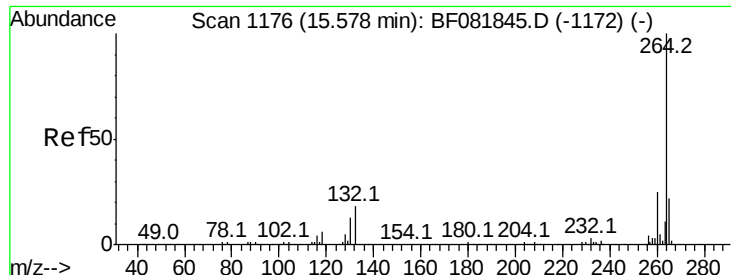
Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

122 11.0 17.4 26.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
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 MGP219BR-53-55

Tot Ion:	264	Resp:	261253
Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.3	17.2	25.8

