

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
 Data File : BF081897.D
 Acq On : 30 Sep 2015 4:57
 Operator : UM/IZ
 Sample : G3840-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP219BR-32-34

Quant Time: Sep 30 06:54:20 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

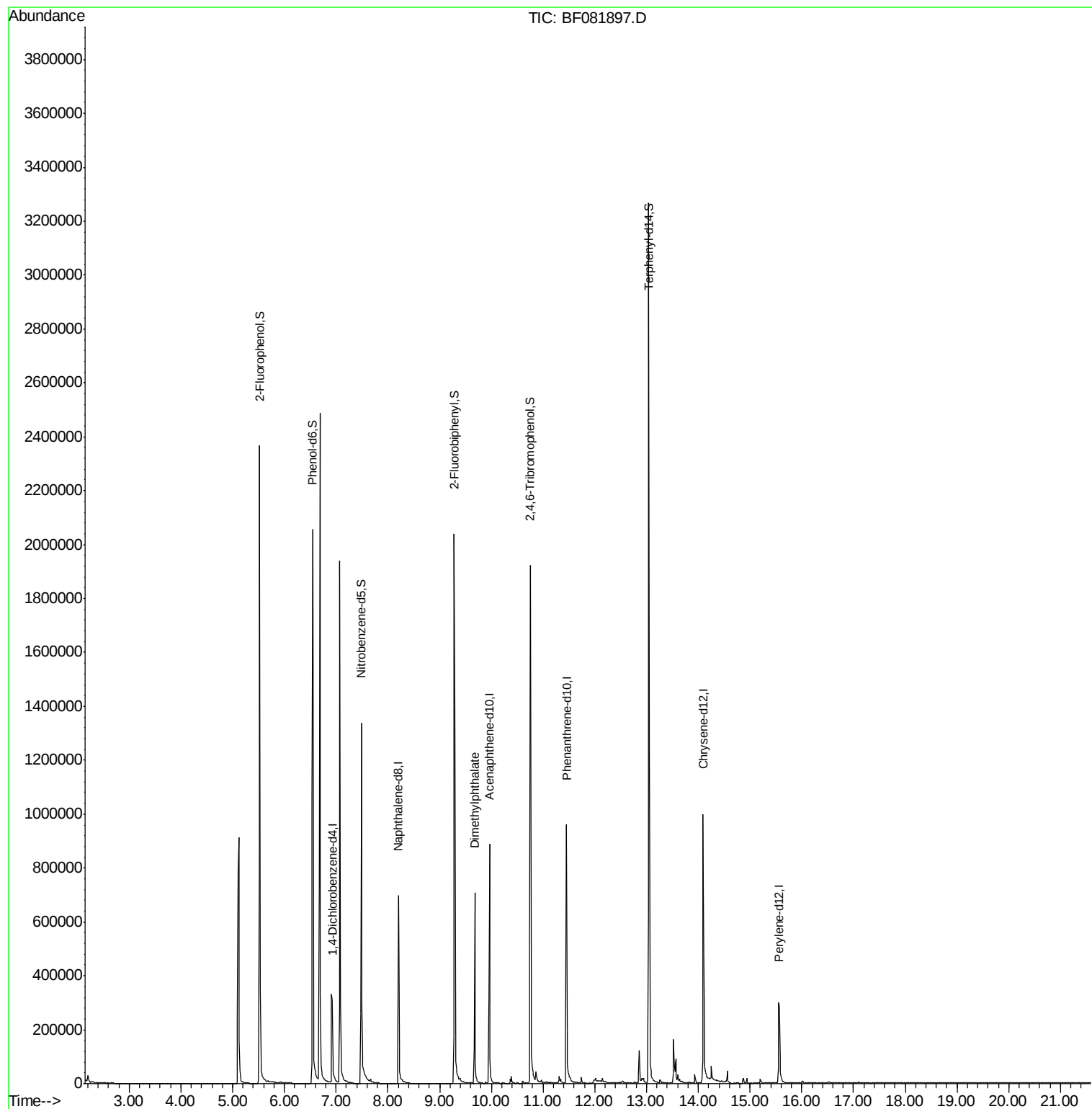
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	100143	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	402153	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	211742	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	445621	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	489049	20.00	ng	-0.02
86) Perylene-d12	15.57	264	235968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	759803	137.73	ng	0.00
7) Phenol-d6	6.55	99	931434	134.18	ng	-0.01
23) Nitrobenzene-d5	7.49	82	565637	93.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	275879	128.65	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1006698	78.36	ng	-0.02
78) Terphenyl-d14	13.04	244	1288840	85.16	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.68	163	339639	23.24	ng	Qvalue # 97

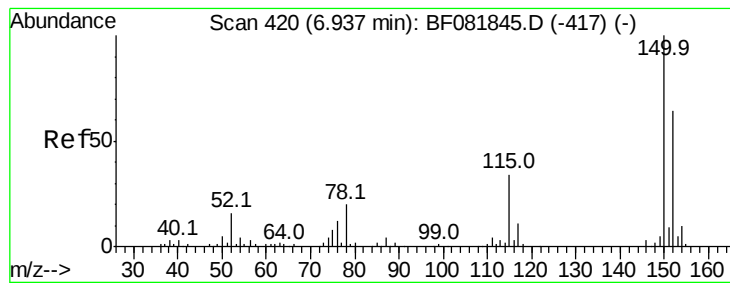
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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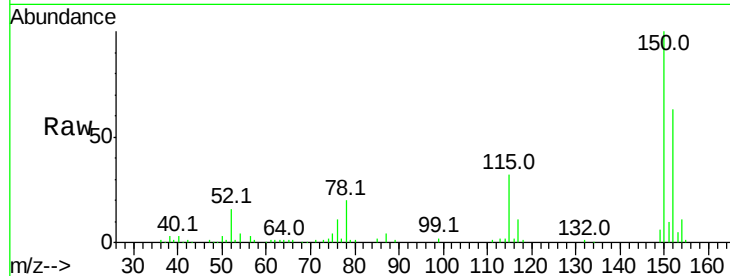


#1

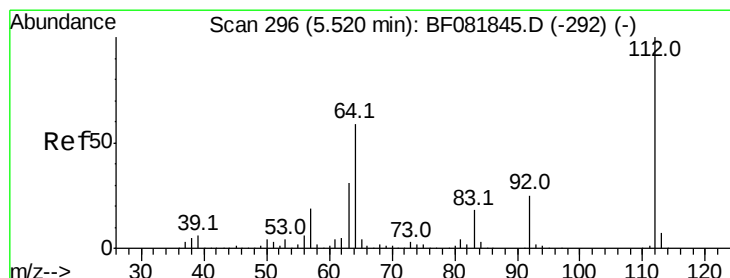
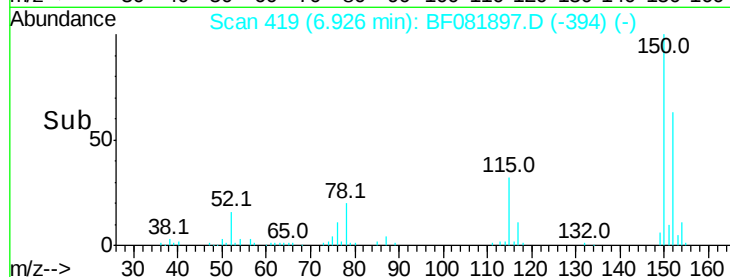
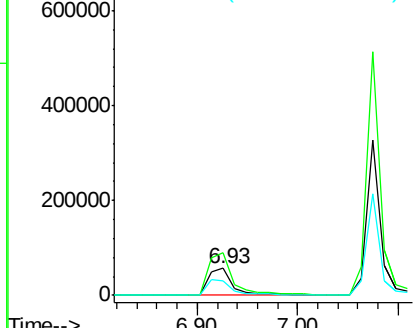
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF081897.D
Acq: 30 Sep 2015 4:57

Instrument :
BNA_F
ClientSampleId :
MGP219BR-32-34

Tot Ion:152 Resp: 100143
Ion Ratio Lower Upper
152 100
150 157.7 124.7 187.1
115 51.0 39.0 58.4



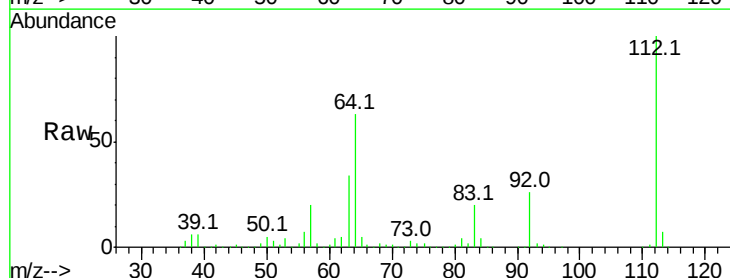
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



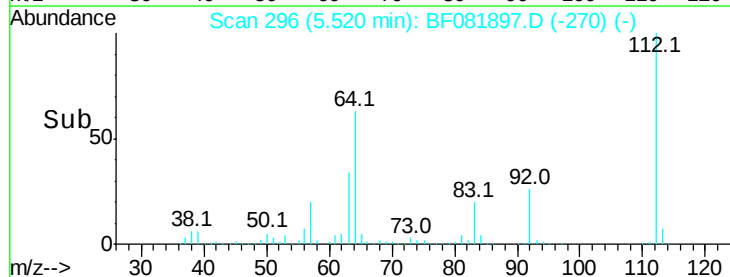
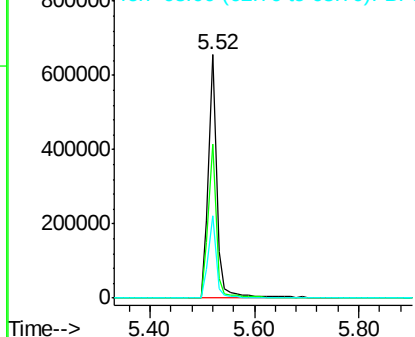
#5

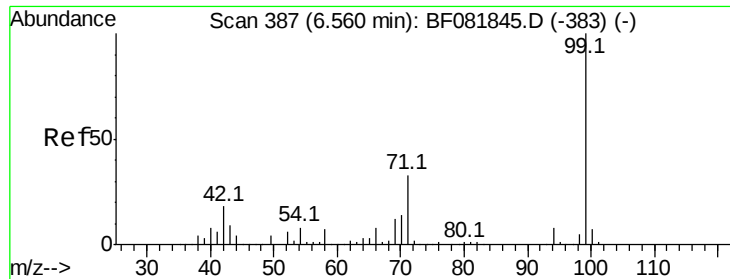
2-Fluorophenol
Concen: 137.73 ng
RT: 5.52 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF081897.D
Acq: 30 Sep 2015 4:57

Tgt Ion:112 Resp: 759803
Ion Ratio Lower Upper
112 100
64 63.4 39.7 59.5#
63 33.7 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: 134.18 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081897.D

Acq: 30 Sep 2015 4:57

Instrument :

BNA_F

ClientSampleId :

MGP219BR-32-34

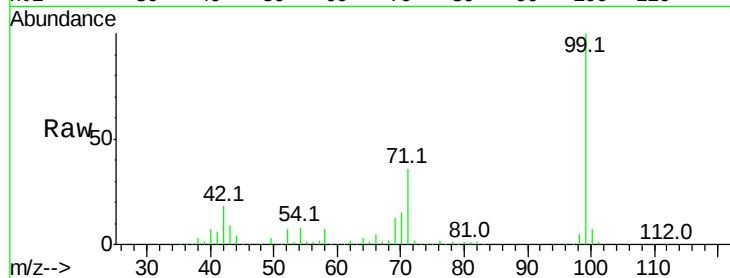
Tot Ion: 99 Resp: 931434

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

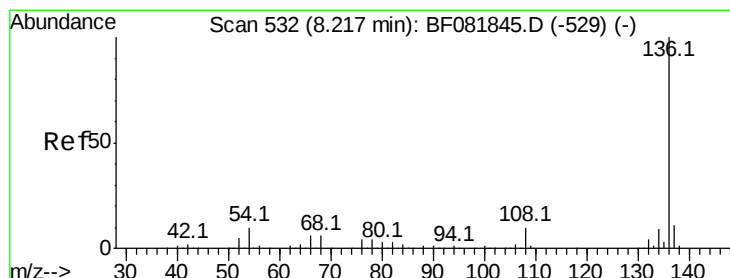
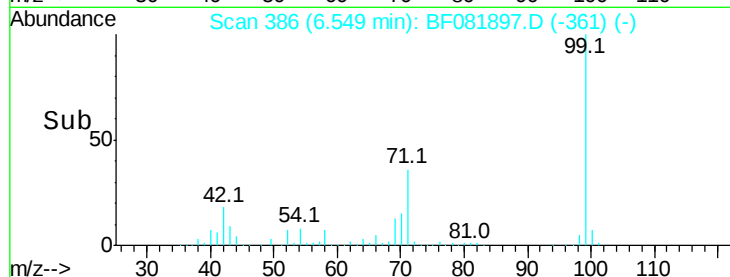
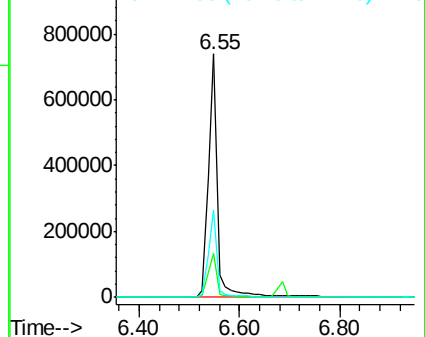
71 35.7 14.2 21.2#



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: BF081897.D

Acq: 30 Sep 2015 4:57

Tgt Ion: 136 Resp: 402153

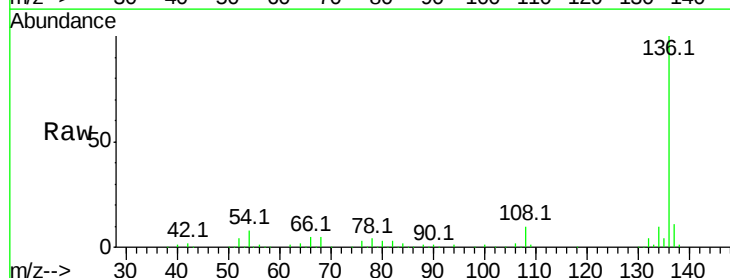
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.9 8.2 12.2#

68 5.1 5.8 8.6#

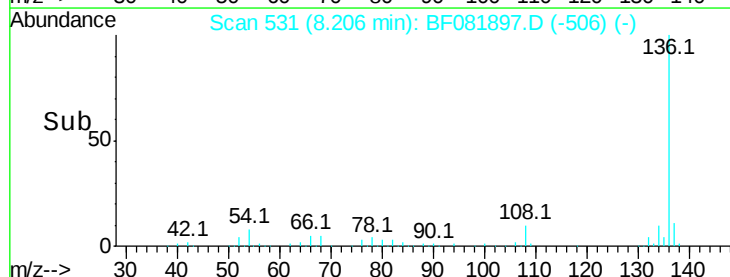
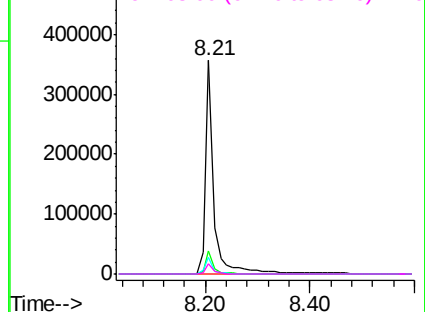


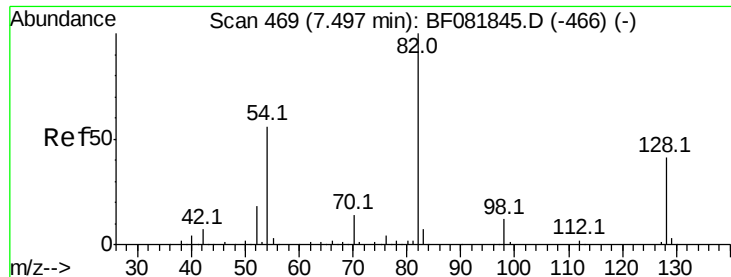
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.76 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081897.D

Acq: 30 Sep 2015 4:57

Instrument :

BNA_F

ClientSampleId :

MGP219BR-32-34

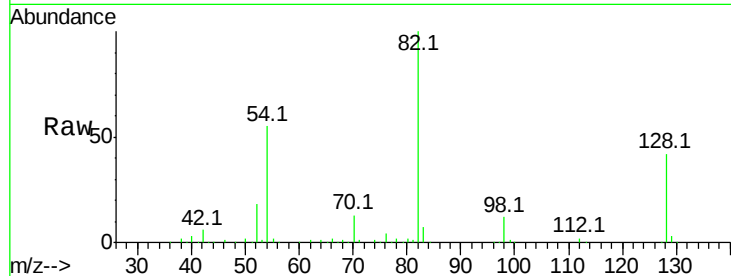
Tot Ion: 82 Resp: 565637

Ion Ratio Lower Upper

82 100

128 41.7 51.0 76.6#

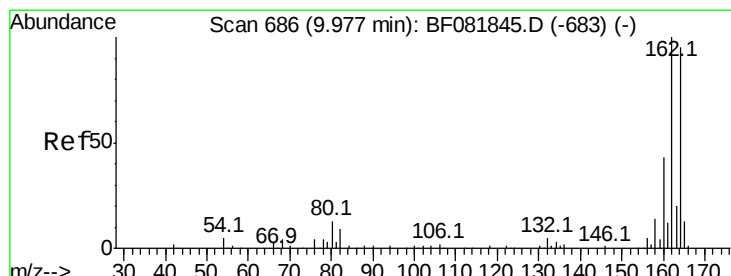
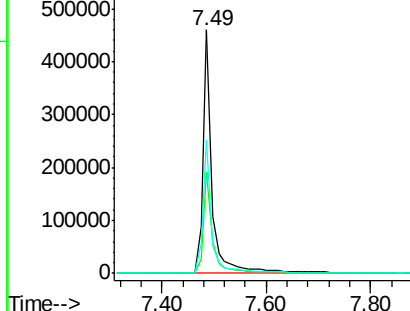
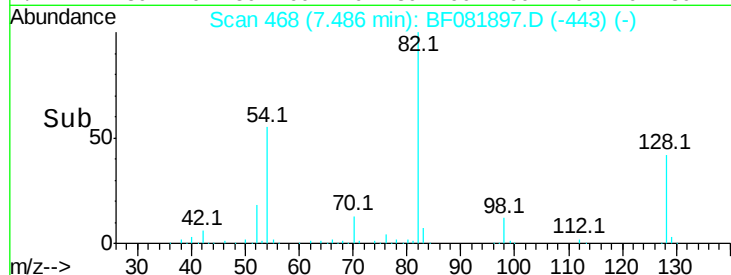
54 55.0 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081897.D

Acq: 30 Sep 2015 4:57

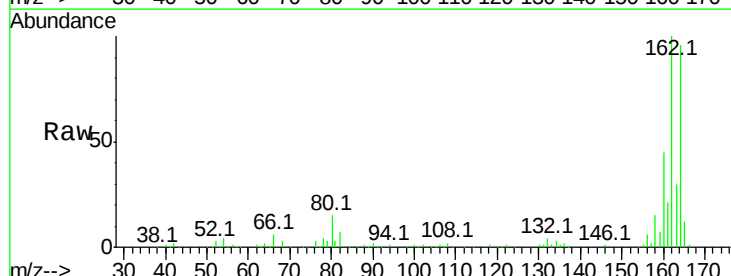
Tgt Ion: 164 Resp: 211742

Ion Ratio Lower Upper

164 100

162 104.3 75.2 112.8

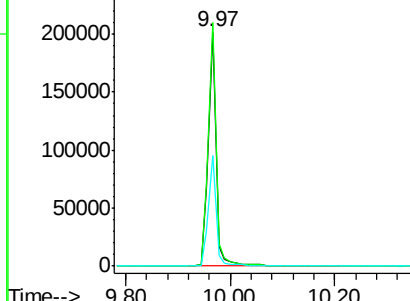
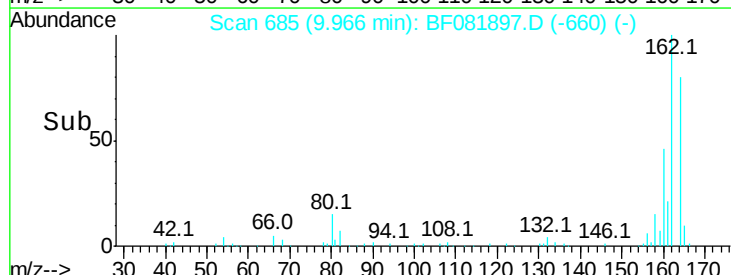
160 47.2 31.5 47.3

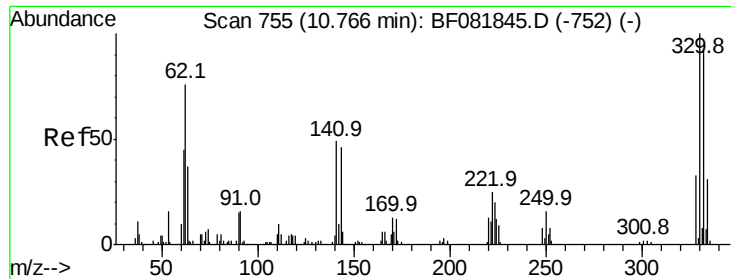


Abundance Ion 164.00 (163.70 to 164.70): B

Ion 162.00 (161.70 to 162.70): B

Ion 160.00 (159.70 to 160.70): B

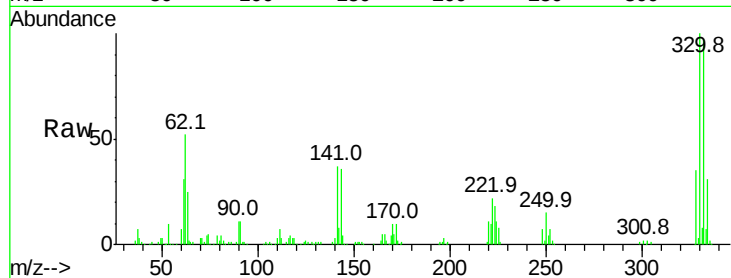




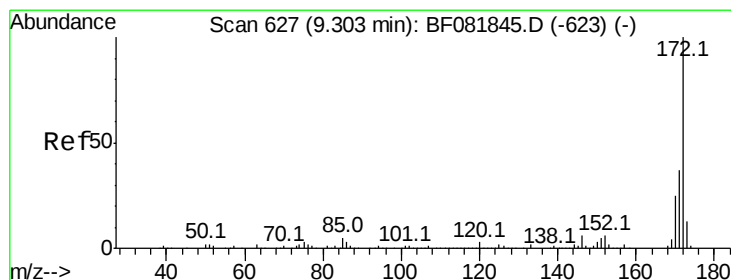
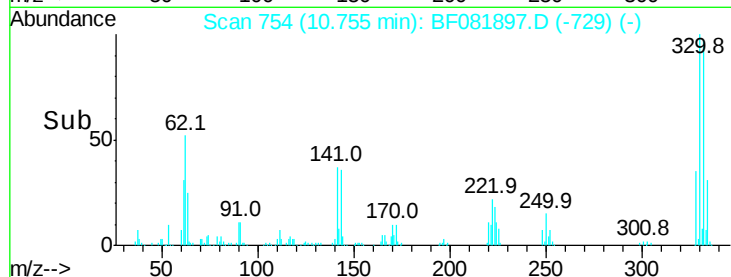
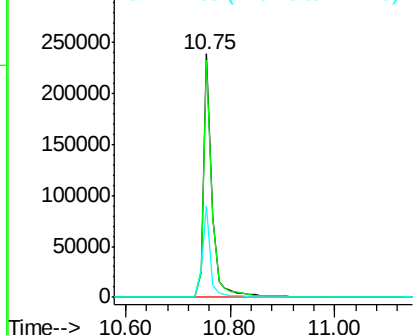
#41
 2,4,6-Tribromophenol
 Concen: 128.65 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081897.D
 Acq: 30 Sep 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP219BR-32-34

Tot Ion:330 Resp: 275879
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 36.4 29.7 44.5

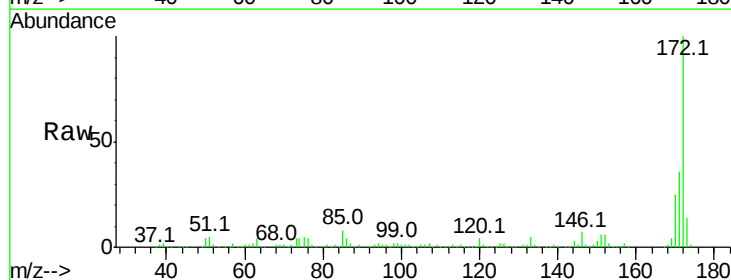


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

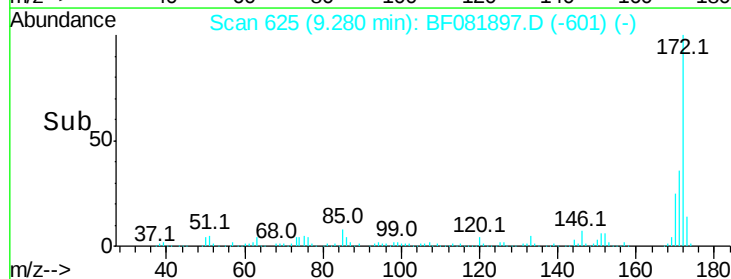
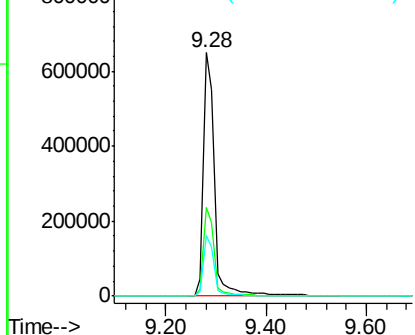


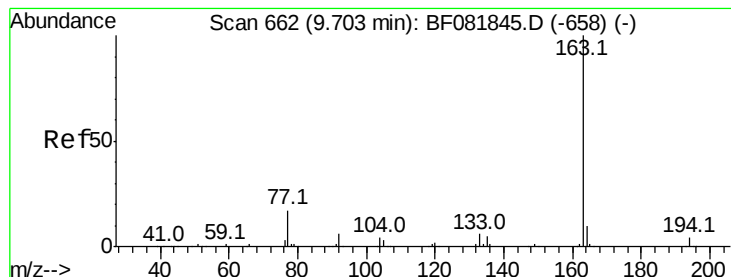
#44
 2-Fluorobiphenyl
 Concen: 78.36 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081897.D
 Acq: 30 Sep 2015 4:57

Tgt Ion:172 Resp: 1006698
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.7 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: 23.24 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081897.D

Acq: 30 Sep 2015 4:57

Instrument :

BNA_F

ClientSampleId :

MGP219BR-32-34

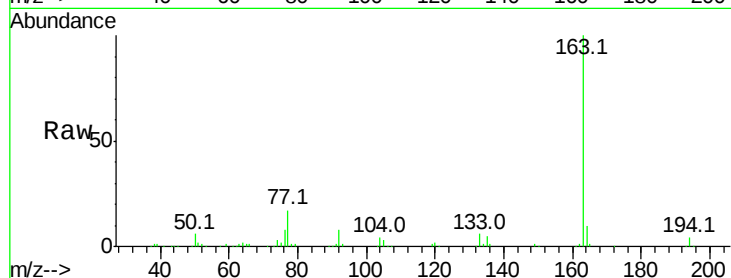
Tot Ion:163 Resp: 339639

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

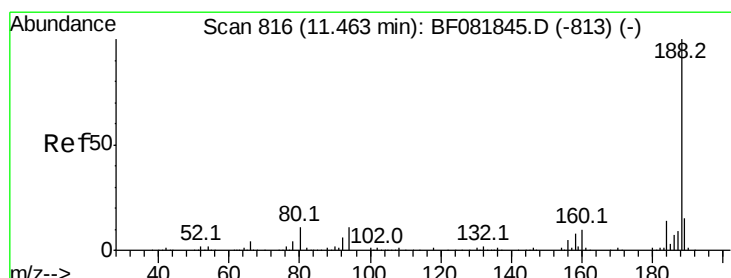
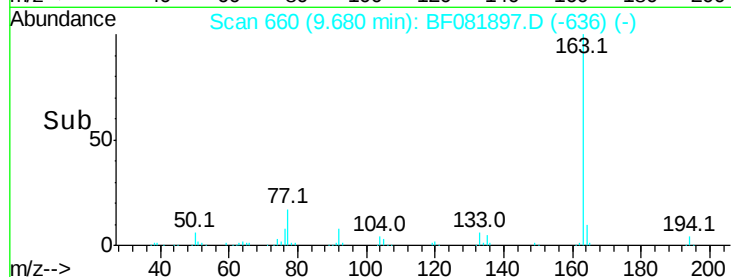
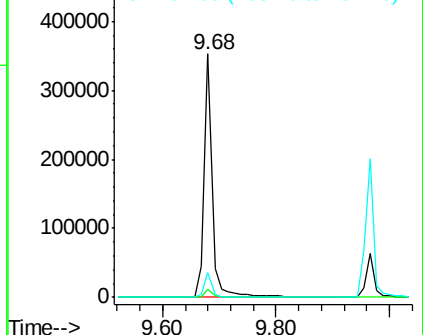
164 10.1 8.3 12.5



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: BF081897.D

Acq: 30 Sep 2015 4:57

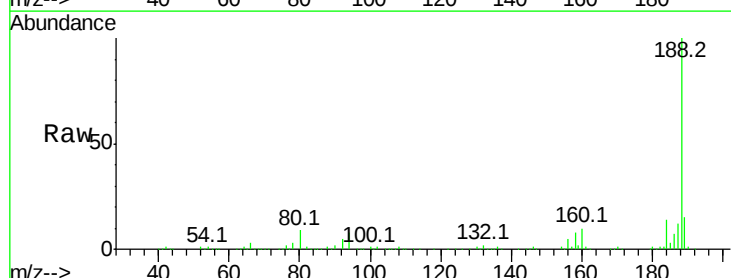
Tgt Ion:188 Resp: 445621

Ion Ratio Lower Upper

188 100

94 7.8 11.1 16.7#

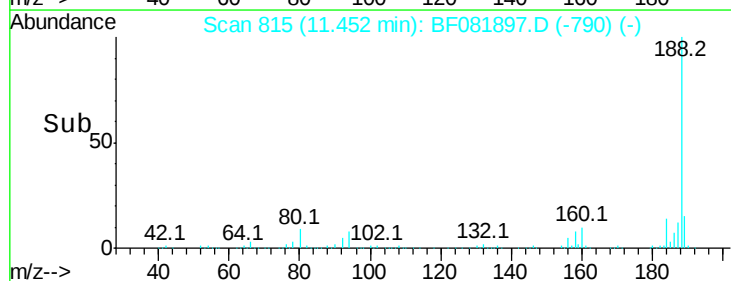
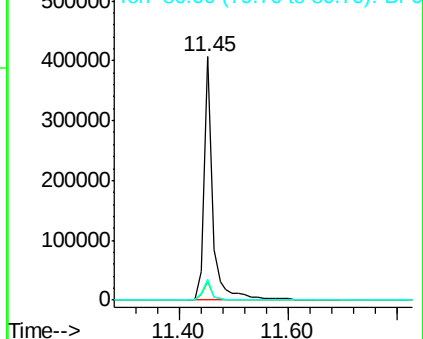
80 8.6 11.0 16.4#

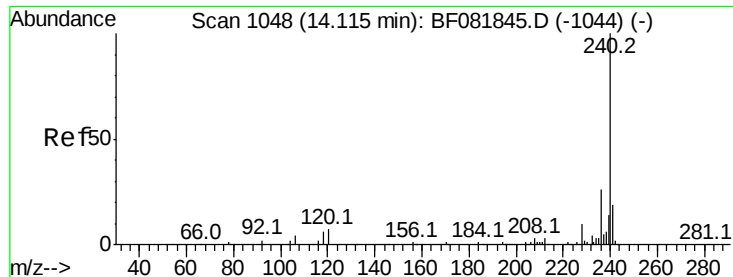


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF081897.D

Acq: 30 Sep 2015 4:57

Instrument :

BNA_F

ClientSampleId :

MGP219BR-32-34

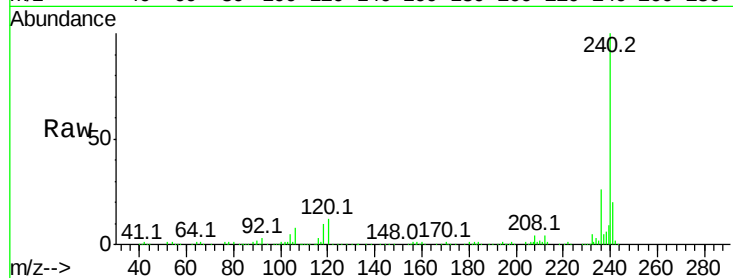
Tot Ion:240 Resp: 489049

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

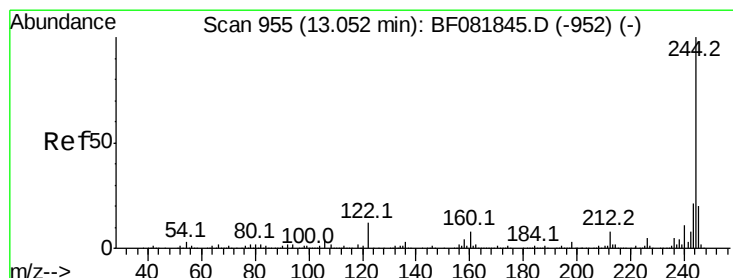
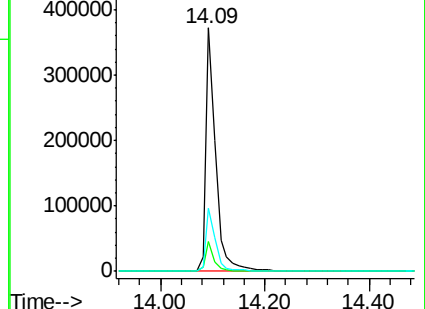
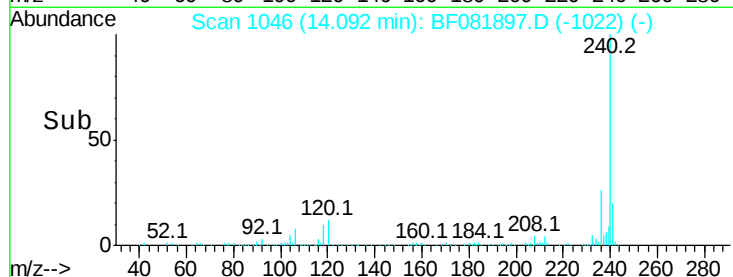
236 25.9 18.4 27.6



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: 85.16 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081897.D

Acq: 30 Sep 2015 4:57

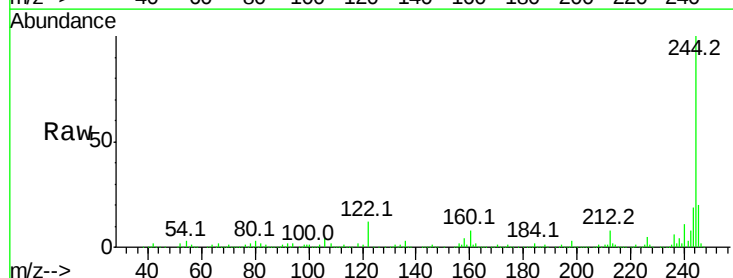
Tgt Ion:244 Resp: 1288840

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

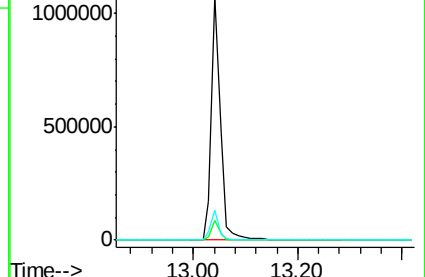
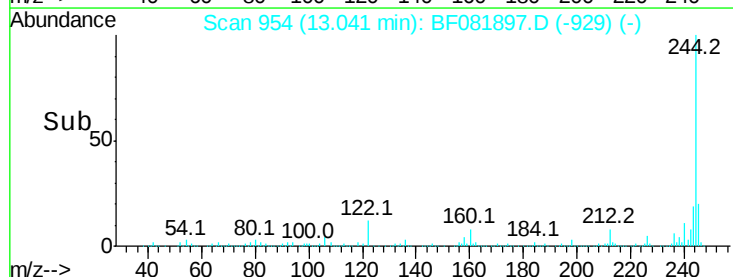
122 12.2 17.4 26.2#

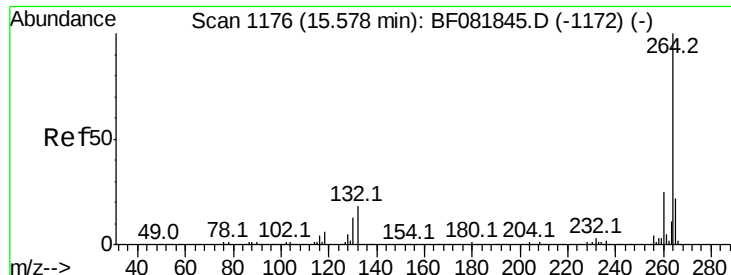


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

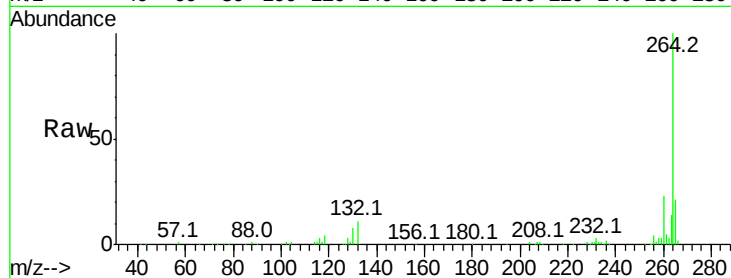




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081897.D
 Acq: 30 Sep 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 MGP219BR-32-34

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	16.7	25.1
265	21.3	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

