

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081470.D
 Acq On : 5 Sep 2015 17:52
 Operator : UM/IZ
 Sample : G3559-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP224BR-23-25

Quant Time: Sep 07 03:41:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

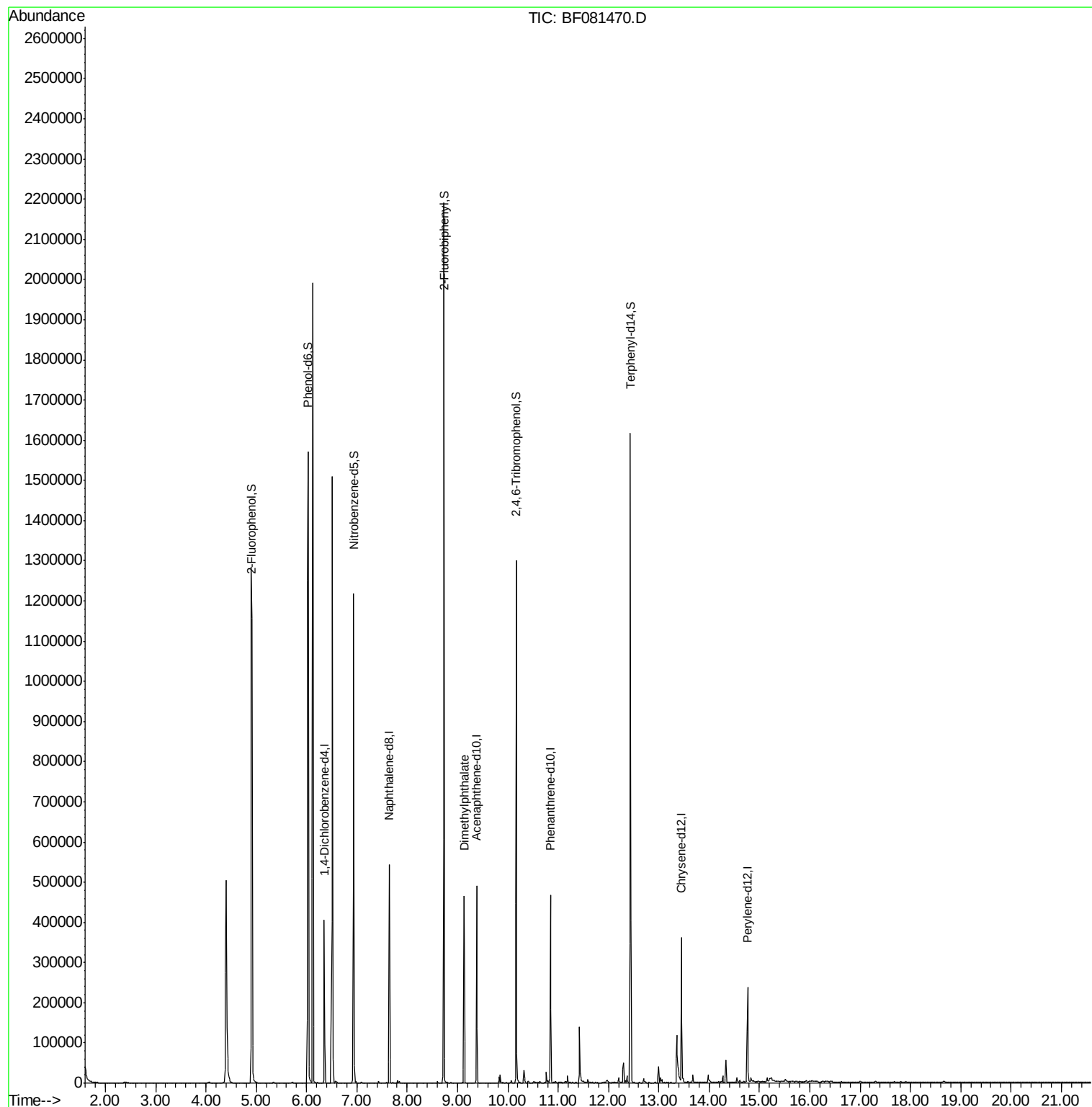
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	54156	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	214536	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	96963	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	185098	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	140656	20.00	ng	-0.01
86) Perylene-d12	14.77	264	107146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	475134	136.12	ng	0.02
7) Phenol-d6	6.03	99	710441	153.76	ng	0.00
23) Nitrobenzene-d5	6.94	82	404352	90.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	117814	136.46	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	646100	85.39	ng	0.00
78) Terphenyl-d14	12.43	244	524909	86.87	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.13	163	173993	23.10	ng	# 97

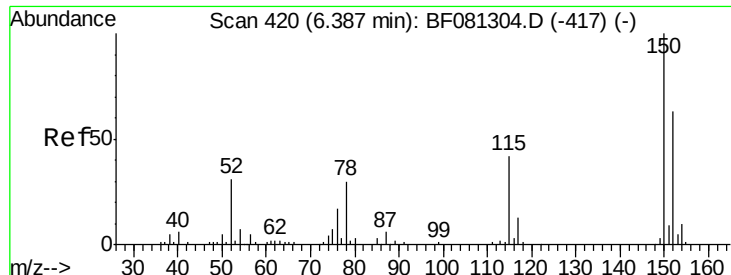
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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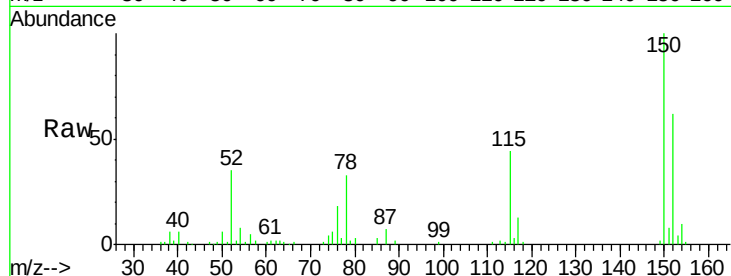


#1

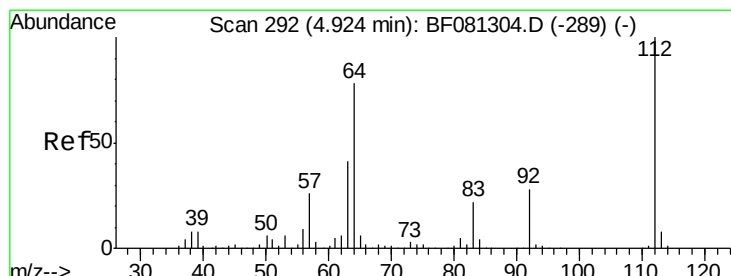
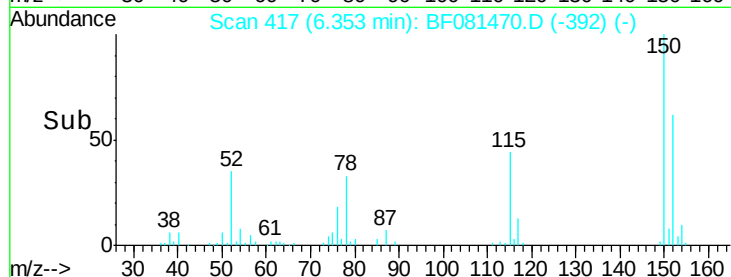
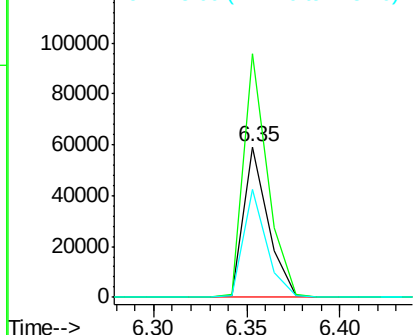
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081470.D
Acq: 5 Sep 2015 17:52

Instrument :
BNA_F
ClientSampleId :
MGP224BR-23-25

Tgt Ion:152 Resp: 54156
Ion Ratio Lower Upper
152 100
150 161.5 124.7 187.1
115 71.7 39.0 58.4#



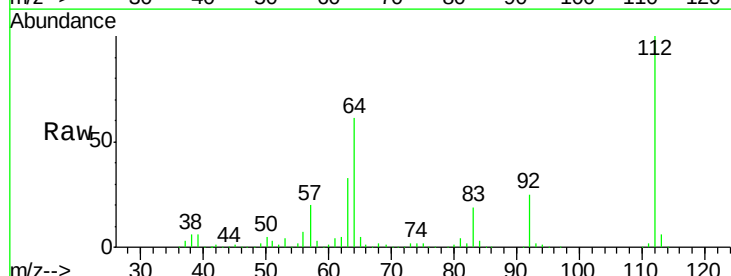
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



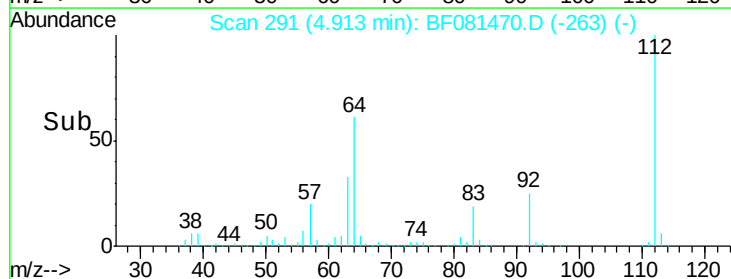
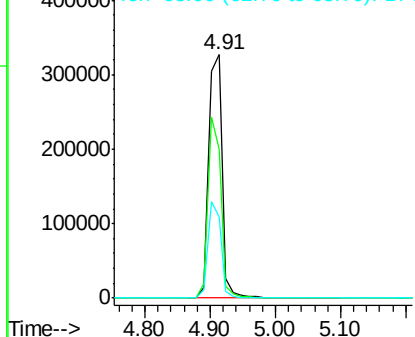
#5

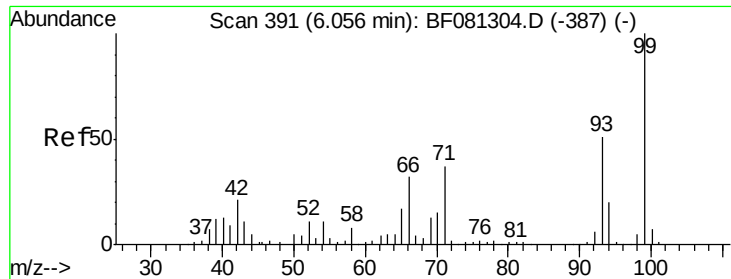
2-Fluorophenol
Concen: 136.12 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF081470.D
Acq: 5 Sep 2015 17:52

Tgt Ion:112 Resp: 475134
Ion Ratio Lower Upper
112 100
64 61.3 39.7 59.5#
63 33.1 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: 153.76 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

MGP224BR-23-25

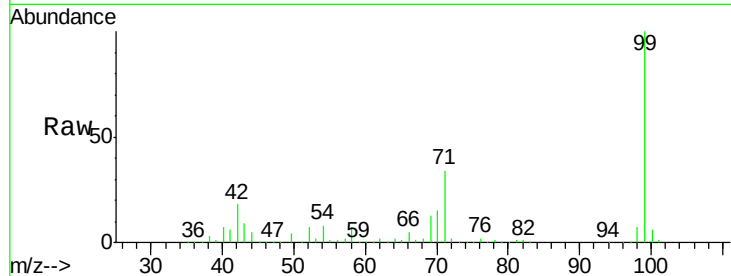
Tgt Ion: 99 Resp: 710441

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

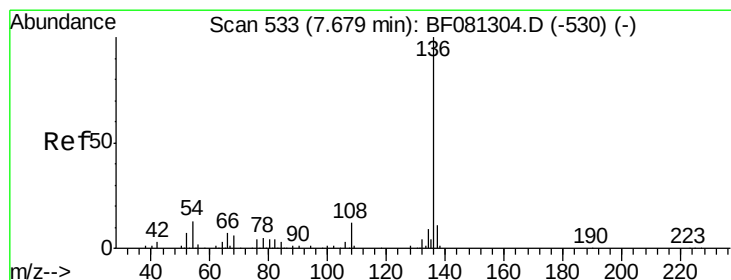
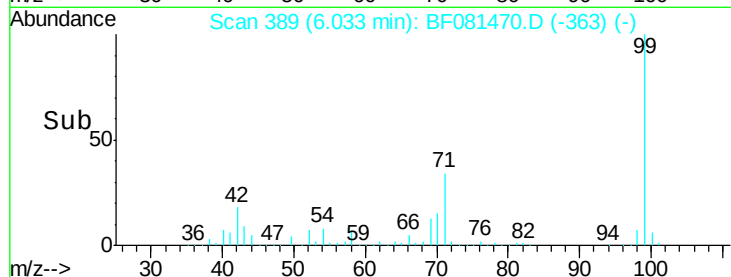
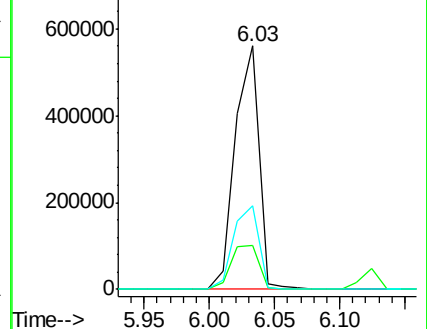
71 34.3 14.2 21.2#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

Tgt Ion: 136 Resp: 214536

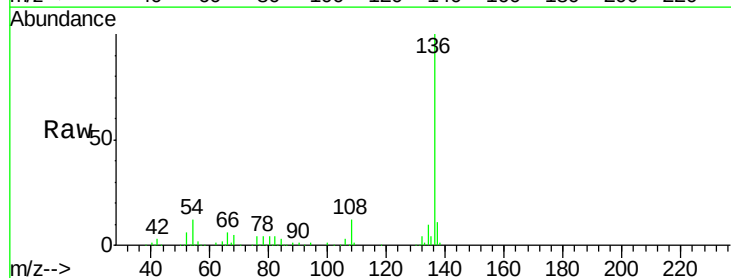
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 11.6 8.2 12.2

68 5.0 5.8 8.6#

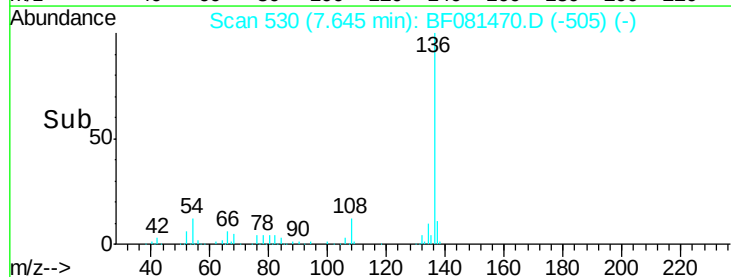
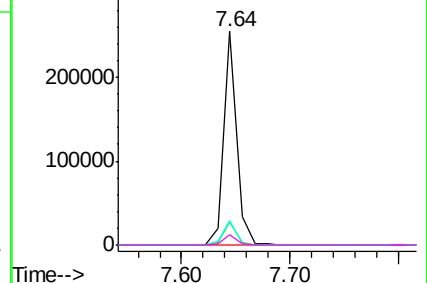


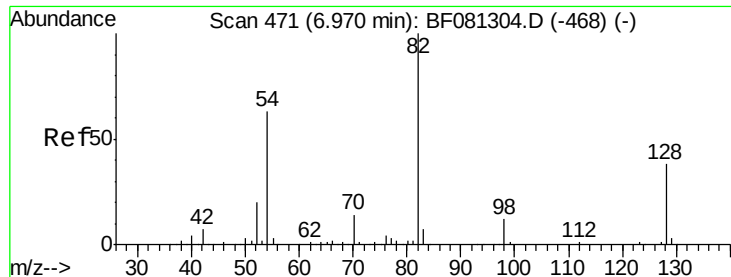
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.93 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

MGP224BR-23-25

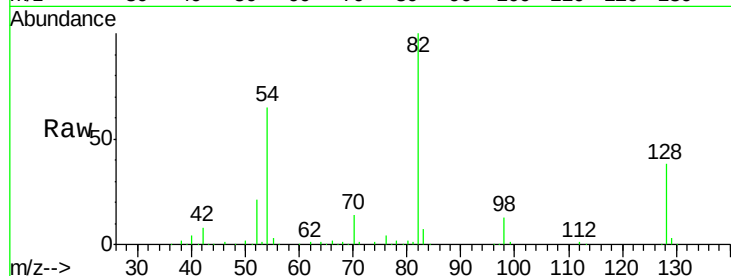
Tgt Ion: 82 Resp: 404352

Ion Ratio Lower Upper

82 100

128 38.3 51.0 76.6#

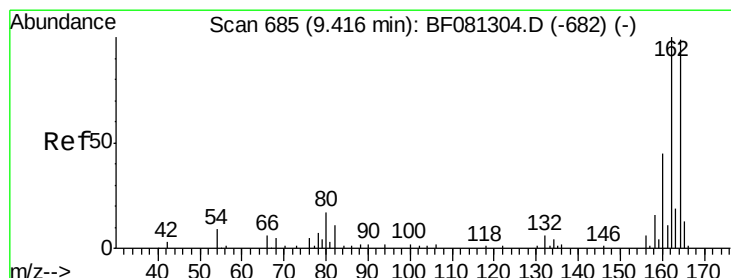
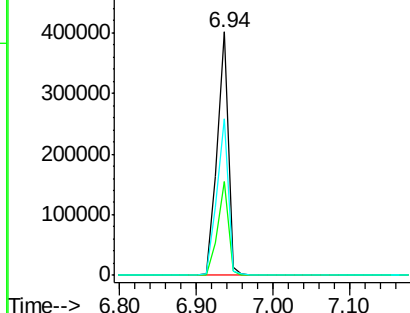
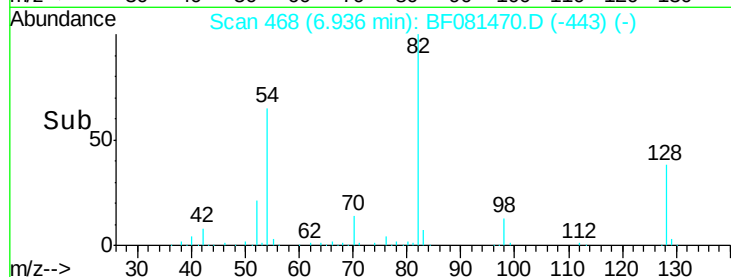
54 64.5 47.5 71.3



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: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

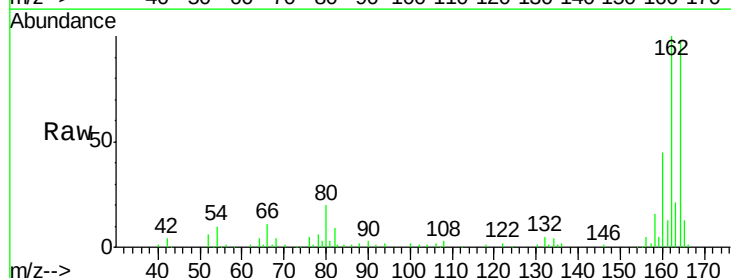
Tgt Ion: 164 Resp: 96963

Ion Ratio Lower Upper

164 100

162 102.1 75.2 112.8

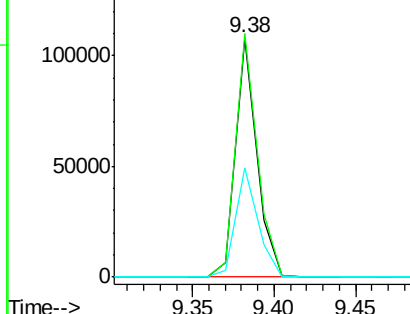
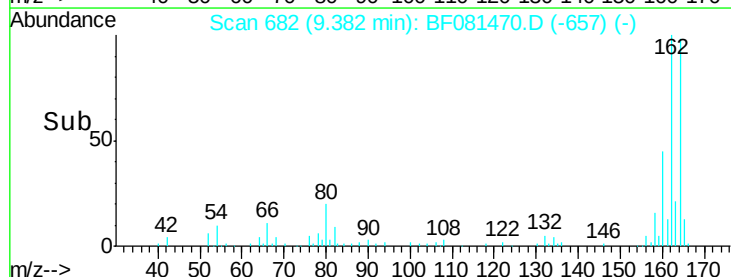
160 45.8 31.5 47.3

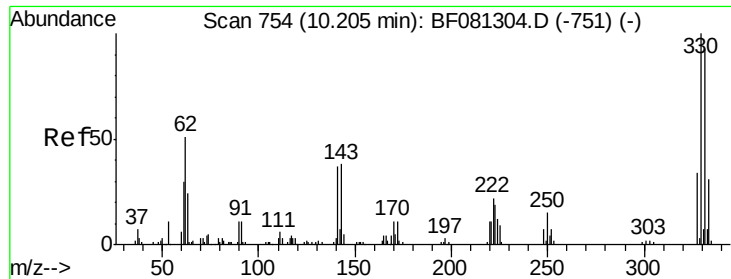


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

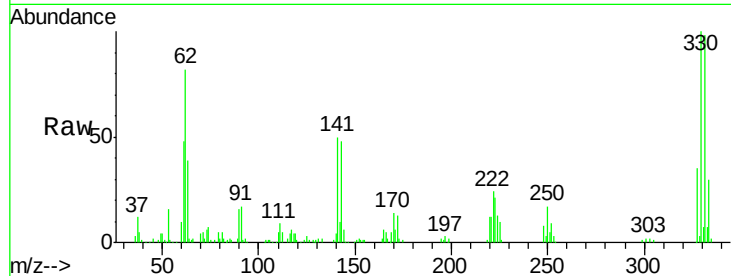




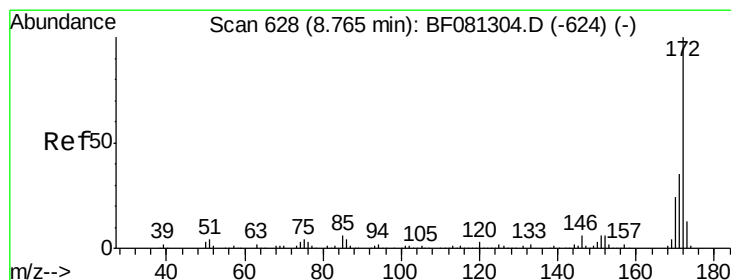
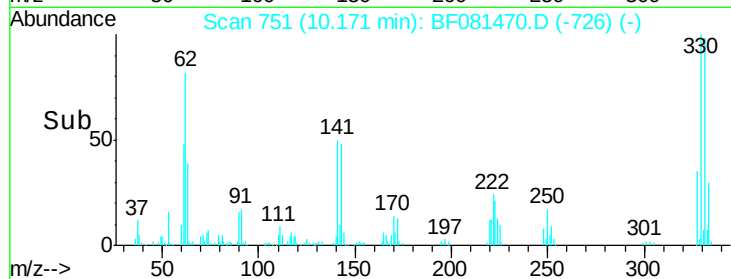
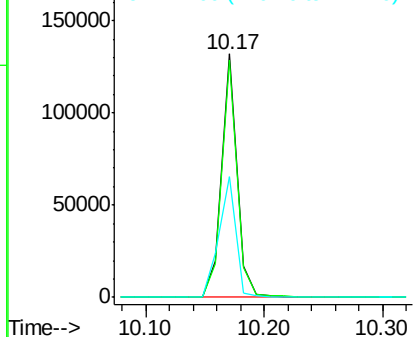
#41
 2,4,6-Tribromophenol
 Concen: 136.46 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081470.D
 Acq: 5 Sep 2015 17:52

Instrument :
 BNA_F
 ClientSampleId :
 MGP224BR-23-25

Tgt Ion:330 Resp: 117814
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 54.2 29.7 44.5#

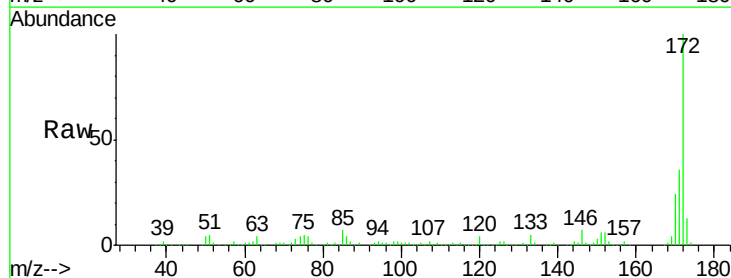


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

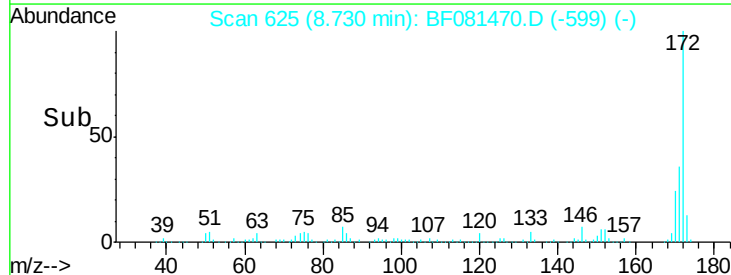
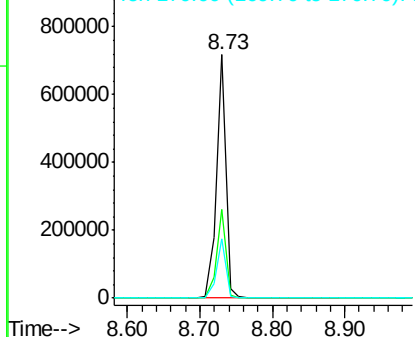


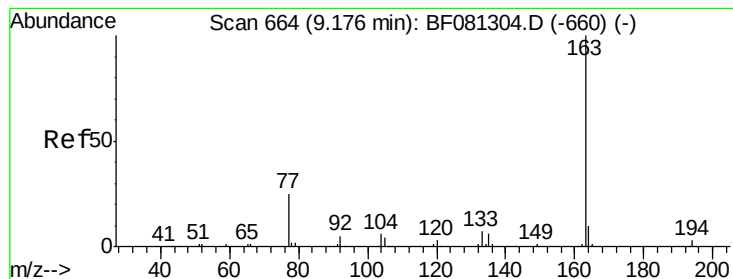
#44
 2-Fluorobiphenyl
 Concen: 85.39 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081470.D
 Acq: 5 Sep 2015 17:52

Tgt Ion:172 Resp: 646100
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.2 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: 23.10 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

MGP224BR-23-25

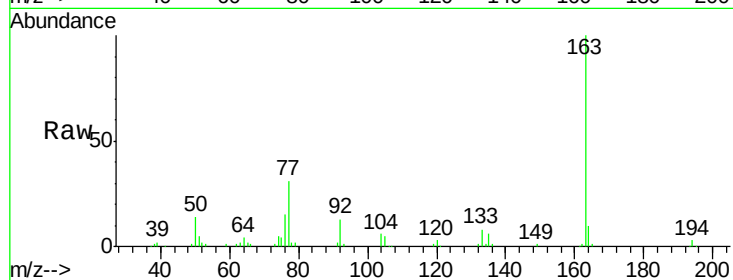
Tgt Ion:163 Resp: 173993

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

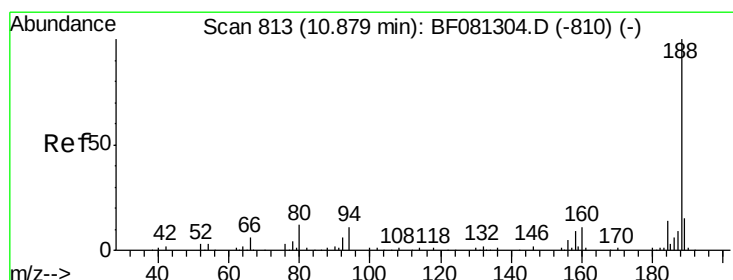
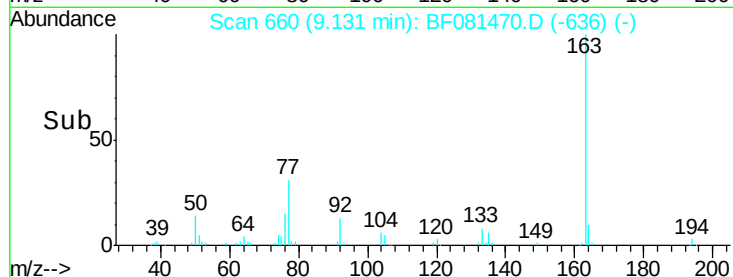
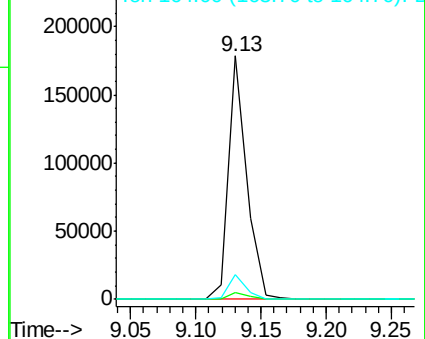
164 10.0 8.3 12.5



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: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

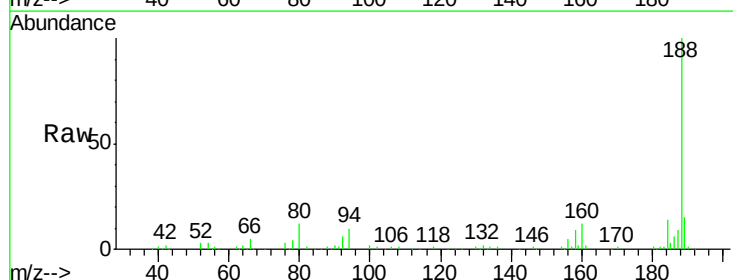
Tgt Ion:188 Resp: 185098

Ion Ratio Lower Upper

188 100

94 9.8 11.1 16.7#

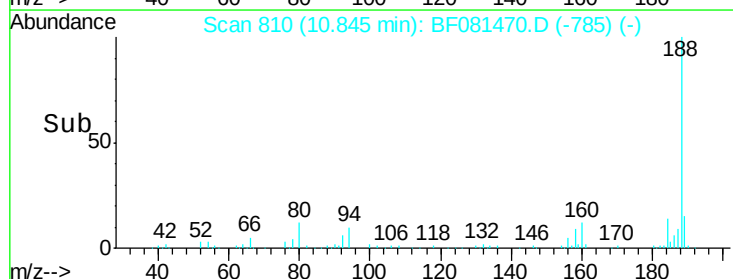
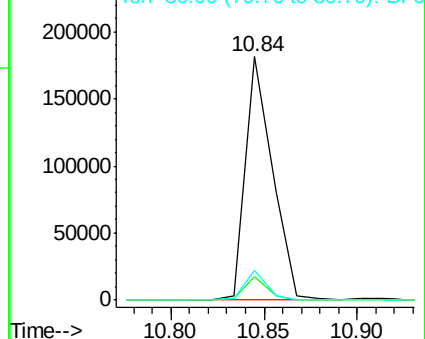
80 12.1 11.0 16.4

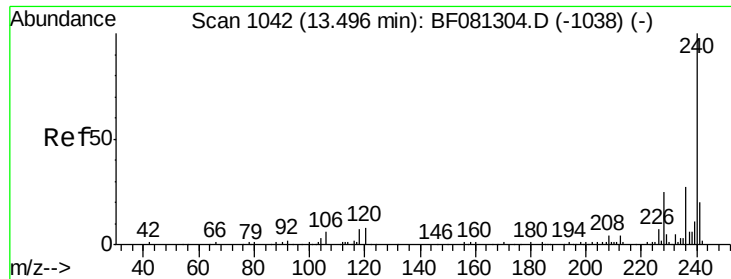


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

MGP224BR-23-25

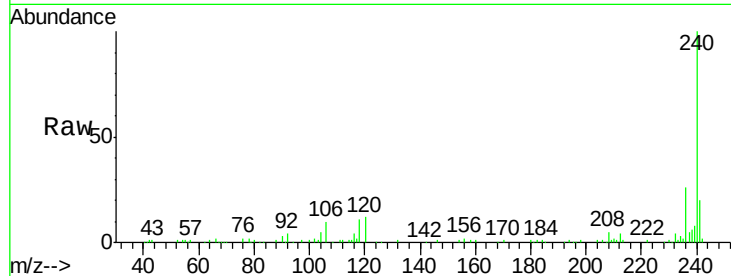
Tgt Ion:240 Resp: 140656

Ion Ratio Lower Upper

240 100

120 11.9 16.2 24.2#

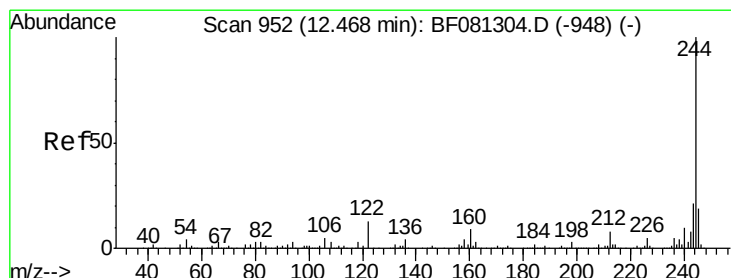
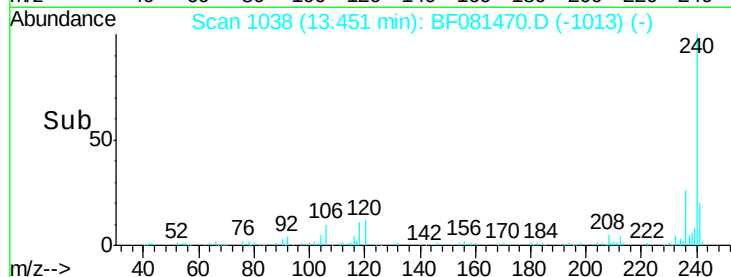
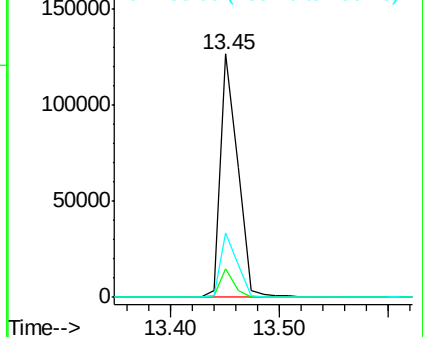
236 26.3 18.4 27.6



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: 86.87 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

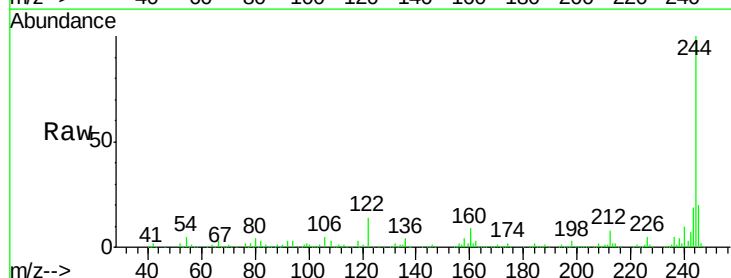
Tgt Ion:244 Resp: 524909

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

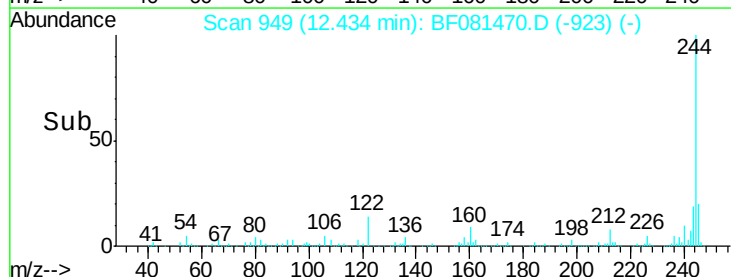
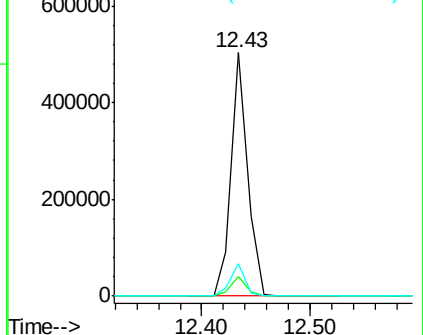
122 13.5 17.4 26.2#

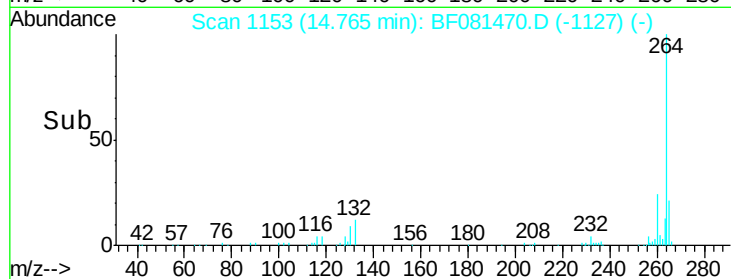
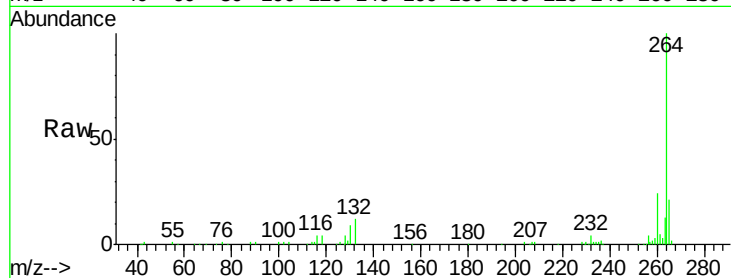
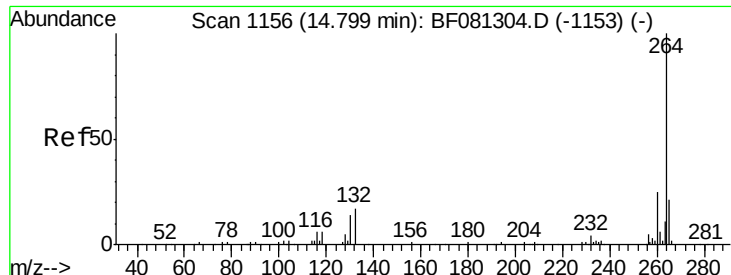


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF081470.D

Acq: 5 Sep 2015 17:52

Instrument :

BNA_F

ClientSampleId :

MGP224BR-23-25

Tgt Ion:264 Resp: 107146

Ion Ratio Lower Upper

264 100

260 24.3 16.7 25.1

265 21.3 17.2 25.8

