

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096964.D
 Acq On : 22 Jul 2017 1:34
 Operator : SJ/JU
 Sample : PB100832BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100832BL

Quant Time: Jul 22 03:57:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	104559	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	424461	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	162044	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	222633	20.00	ng	-0.05
75) Chrysene-d12	13.68	240	200164	20.00	ng	-0.05
86) Perylene-d12	15.04	264	184336	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	643089	92.48	ng	-0.04
7) Phenol-d6	6.21	99	661119	79.22	ng	-0.04
23) Nitrobenzene-d5	7.12	82	559805	81.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	92889	67.16	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	901261	87.87	ng	-0.05
78) Terphenyl-d14	12.64	244	534239	46.29	ng	-0.05

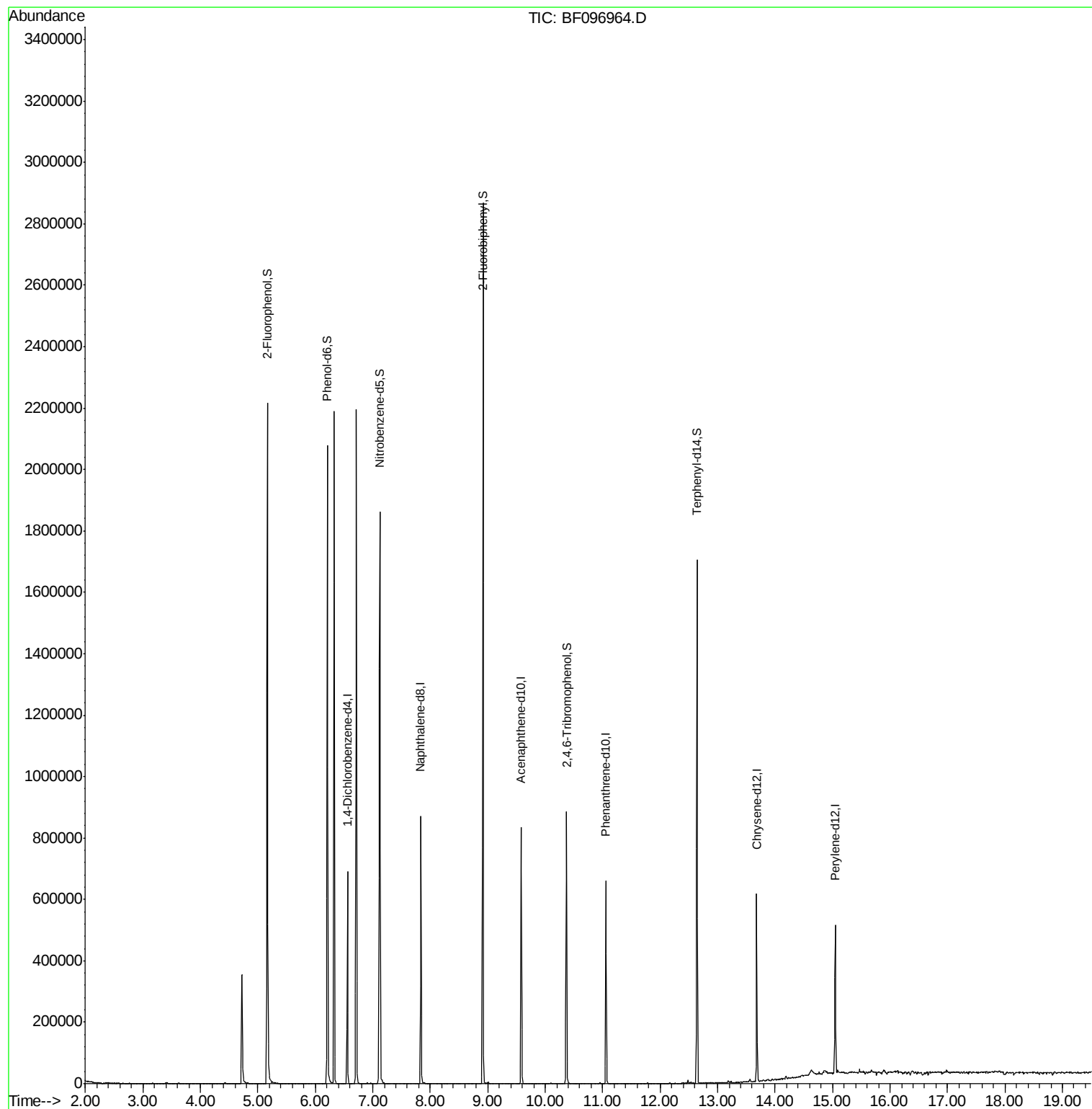
Target Compounds Qvalue

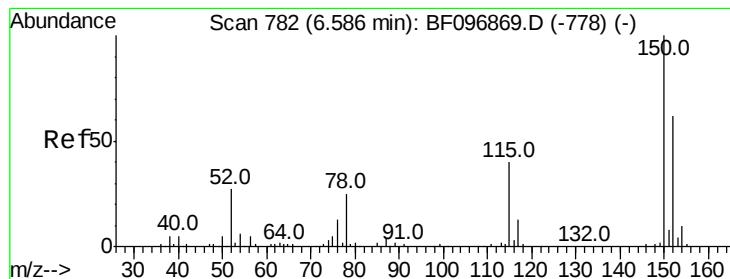
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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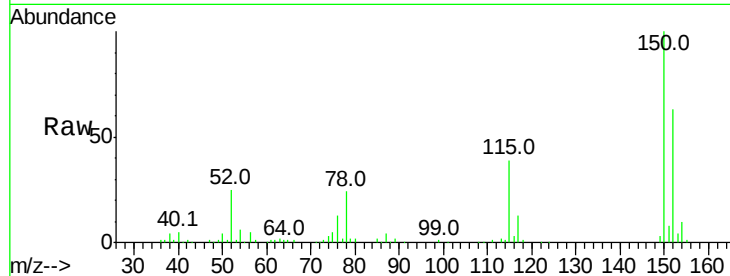


#1

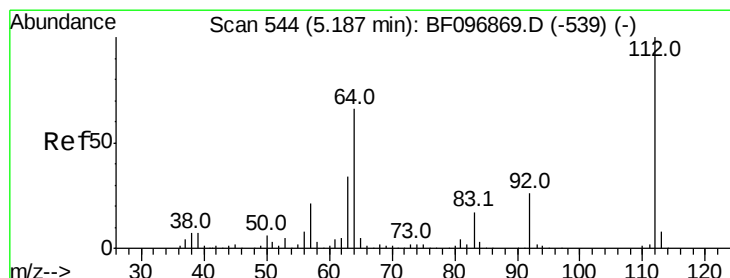
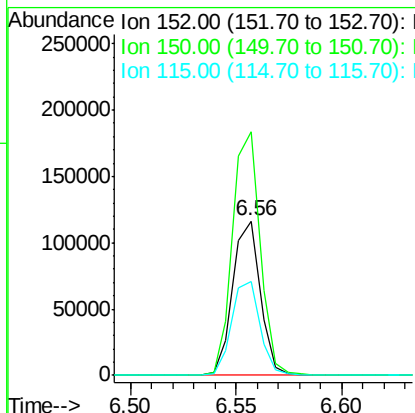
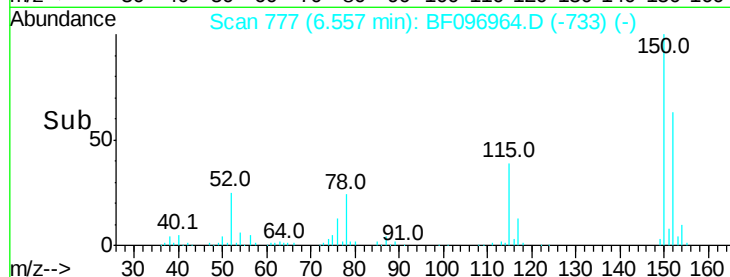
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096964.D
Acq: 22 Jul 2017 1:34

Instrument :
BNA_F
ClientSampleId :
PB100832BL

Tot Ion:152 Resp: 104559
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 61.2 52.2 78.2



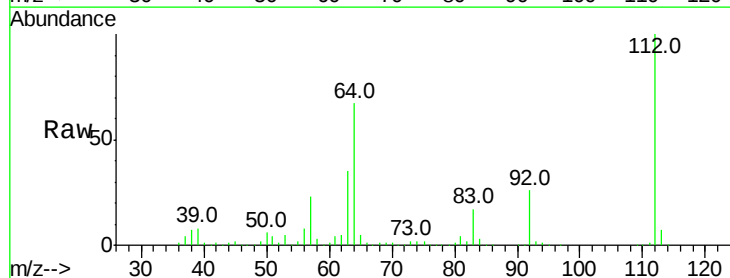
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



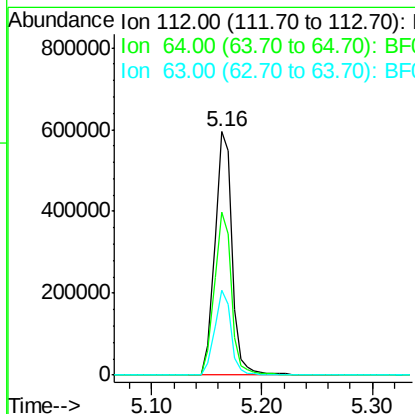
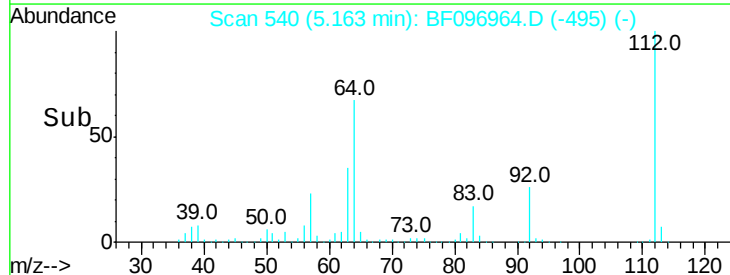
#5

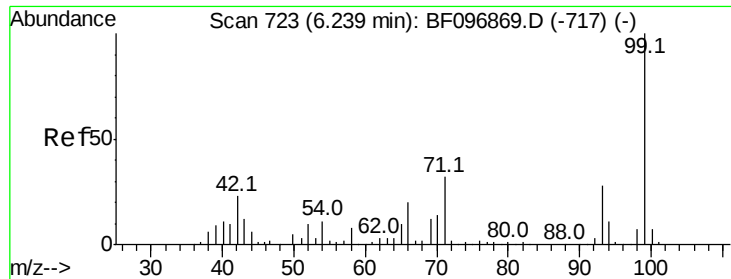
2-Fluorophenol
Concen: 92.478 ng
RT: 5.16 min Scan# 540
Delta R.T. -0.04 min
Lab File: BF096964.D
Acq: 22 Jul 2017 1:34

Tgt Ion:112 Resp: 643089
Ion Ratio Lower Upper
112 100
64 67.1 46.0 69.0
63 34.7 23.4 35.0



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: 79.224 ng

RT: 6.21 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

Instrument :

BNA_F

ClientSampleId :

PB100832BL

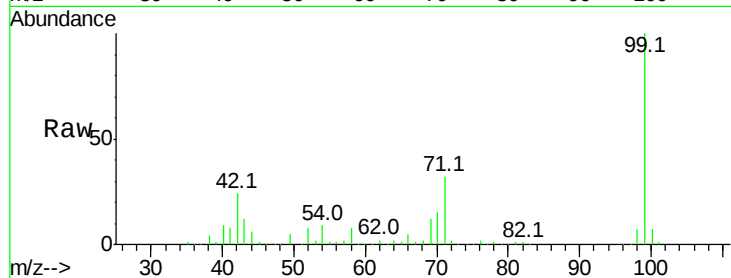
Tot Ion: 99 Resp: 661119

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

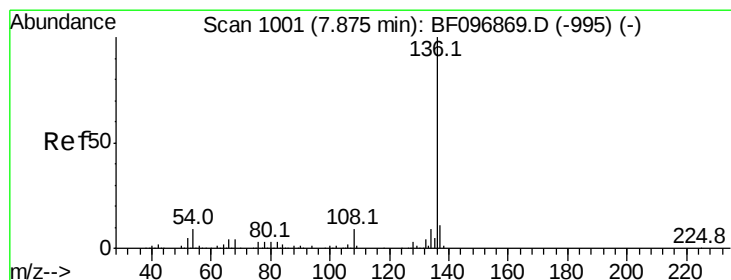
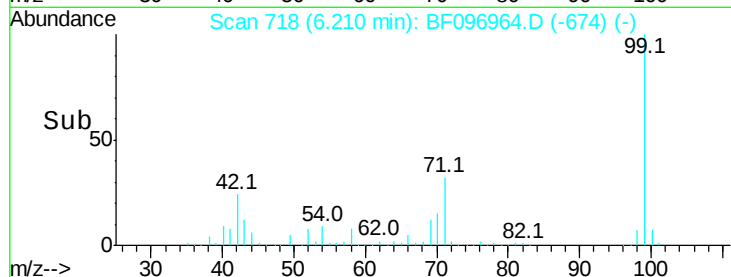
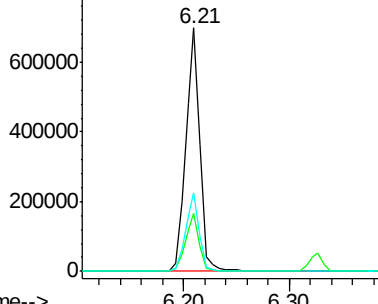
71 32.1 24.5 36.7



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: 20.000 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

Tgt Ion: 136 Resp: 424461

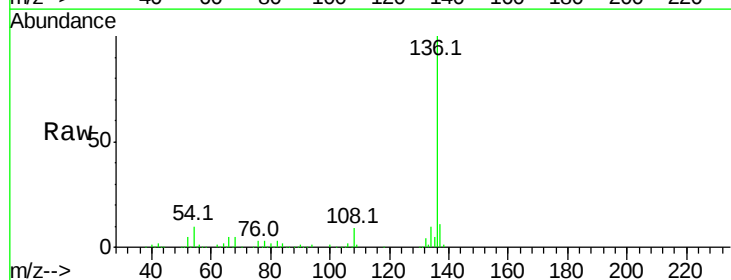
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.0 4.9 7.3#

68 4.7 4.1 6.1

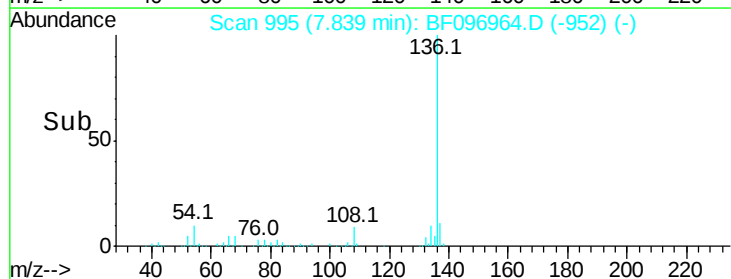
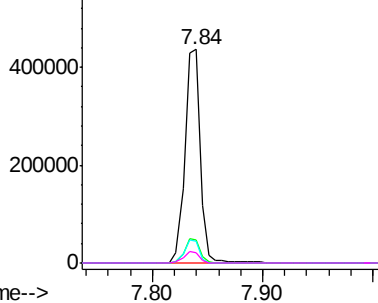


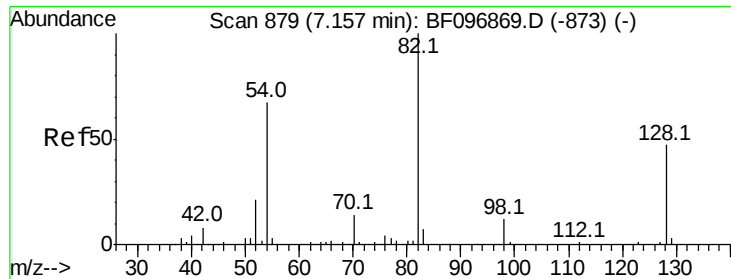
Abundance Ion 136.00 (135.70 to 136.70): E

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

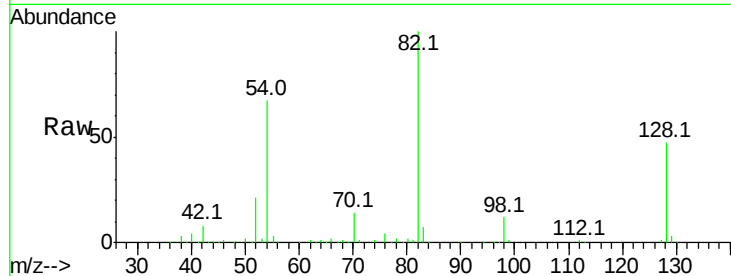




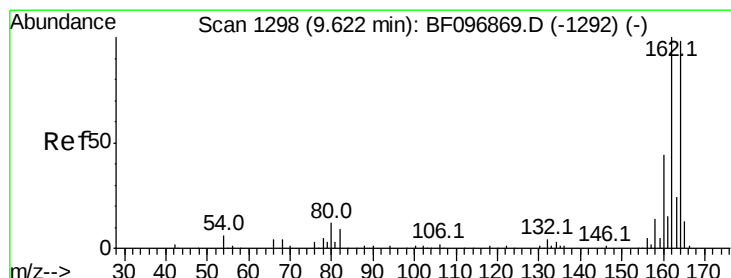
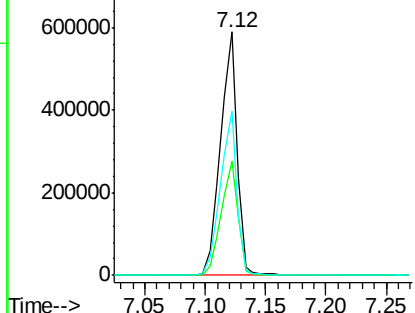
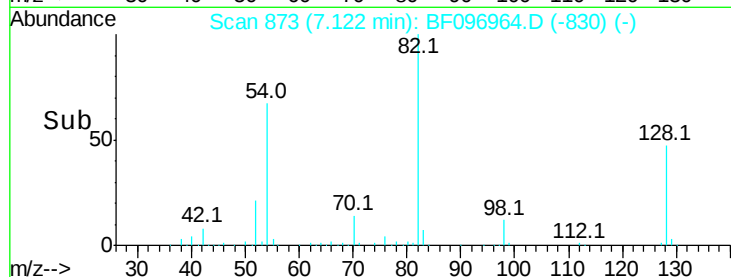
#23
 Nitrobenzene-d5
 Concen: 81.691 ng
 RT: 7.12 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF096964.D
 Acq: 22 Jul 2017 1:34

Instrument :
 BNA_F
 ClientSampleId :
 PB100832BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	67.2	42.2	63.2

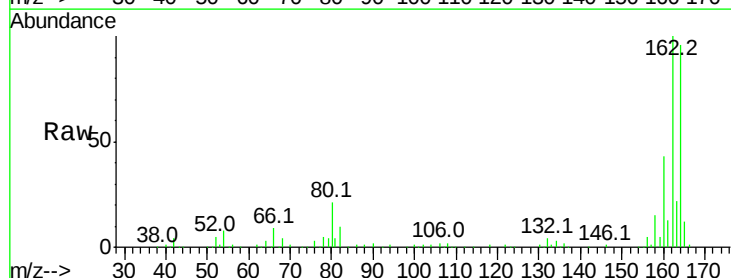


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

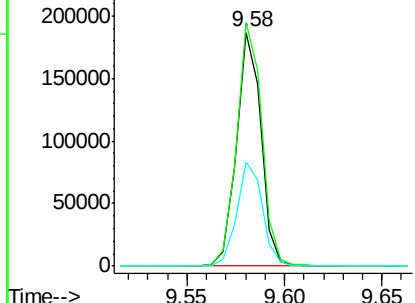
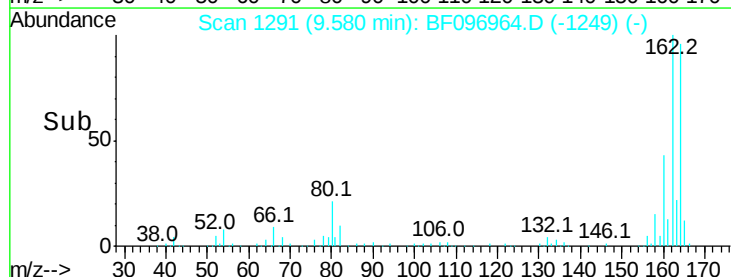


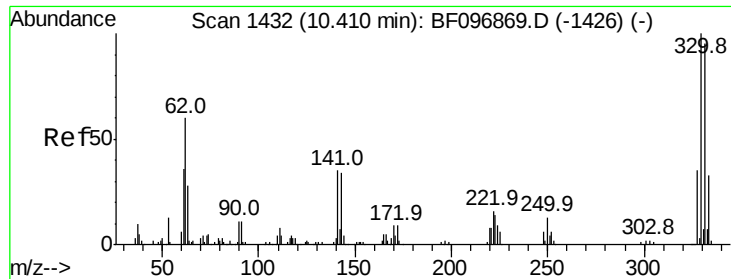
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.58 min Scan# 1291
 Delta R.T. -0.05 min
 Lab File: BF096964.D
 Acq: 22 Jul 2017 1:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	44.6	36.2	54.2



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

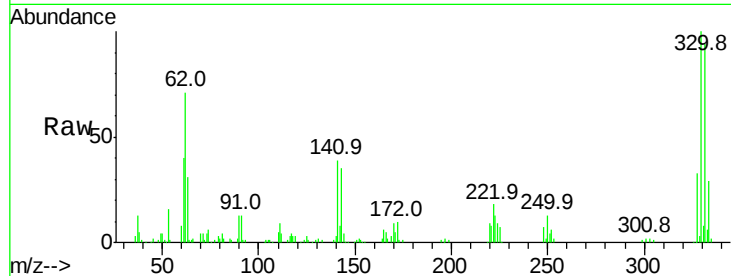




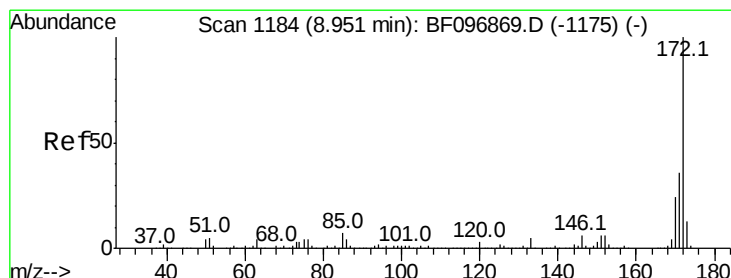
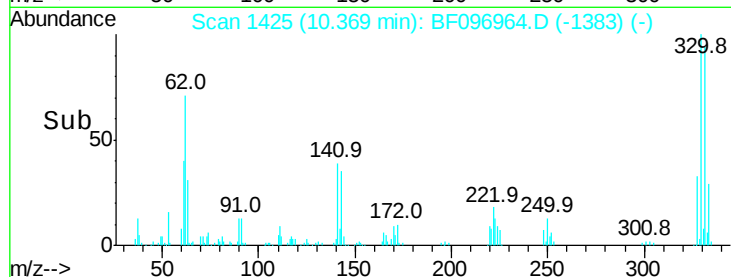
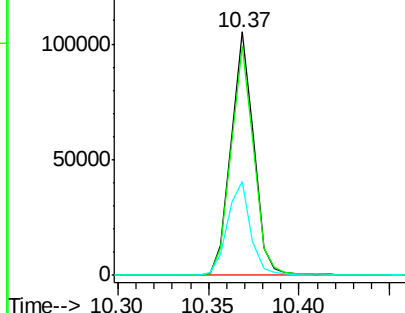
#41
 2,4,6-Tribromophenol
 Concen: 67.156 ng
 RT: 10.37 min Scan# 1425
 Delta R.T. -0.05 min
 Lab File: BF096964.D
 Acq: 22 Jul 2017 1:34

Instrument :
 BNA_F
 ClientSampleId :
 PB100832BL

Tot Ion:330 Resp: 92889
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 38.7 31.4 47.2

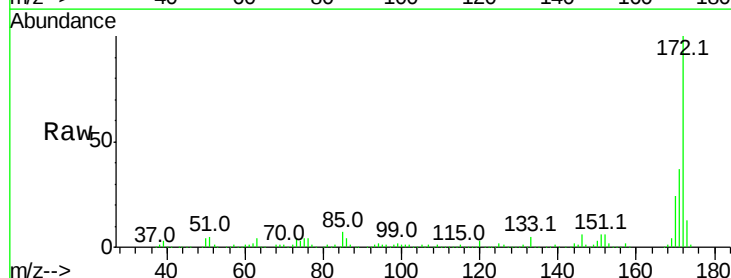


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

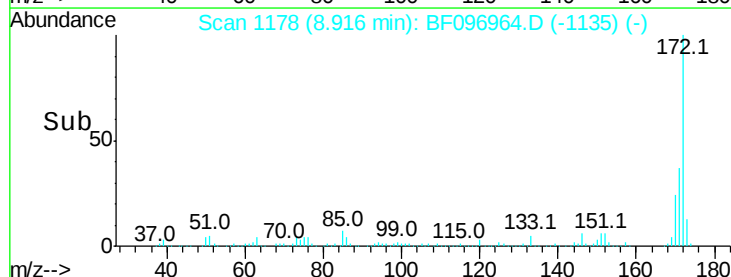
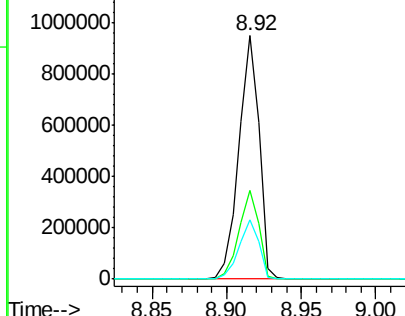


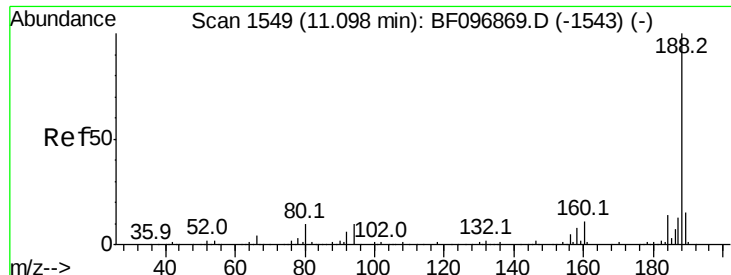
#44
 2-Fluorobiphenyl
 Concen: 87.873 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096964.D
 Acq: 22 Jul 2017 1:34

Tgt Ion:172 Resp: 901261
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.2 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.06 min Scan# 1542

Delta R.T. -0.05 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

Instrument :

BNA_F

ClientSampleId :

PB100832BL

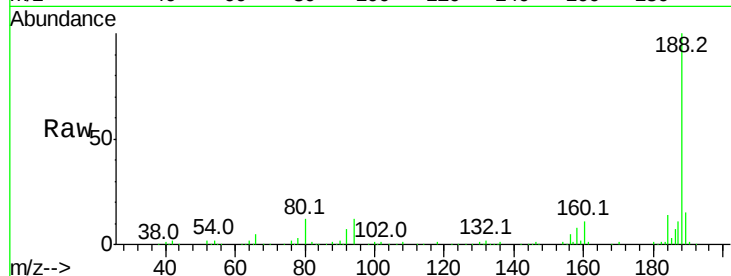
Tot Ion:188 Resp: 222633

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

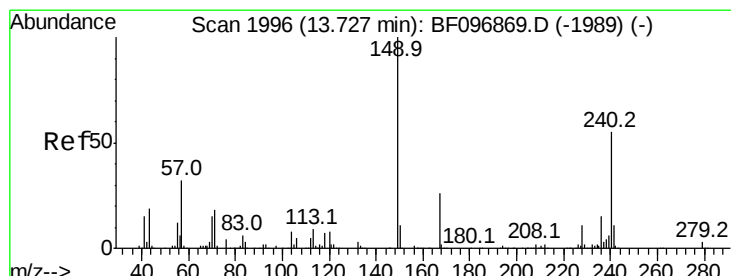
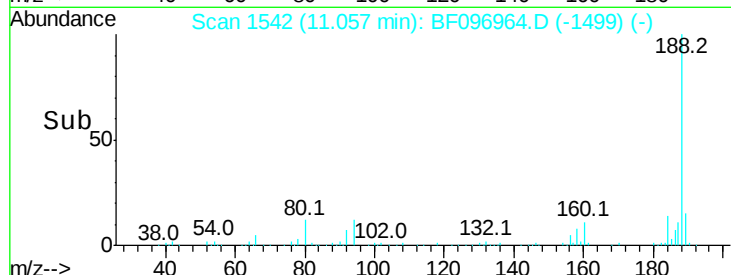
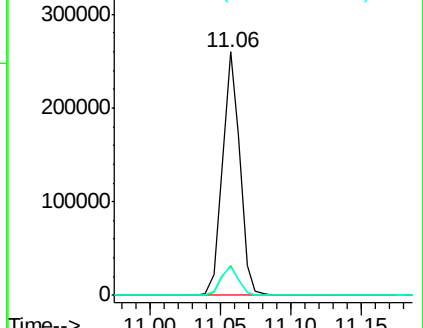
80 12.0 10.2 15.2



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: 20.000 ng

RT: 13.68 min Scan# 1988

Delta R.T. -0.05 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

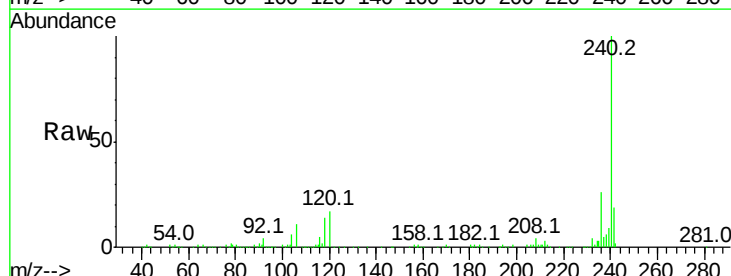
Tgt Ion:240 Resp: 200164

Ion Ratio Lower Upper

240 100

120 17.0 5.8 8.8#

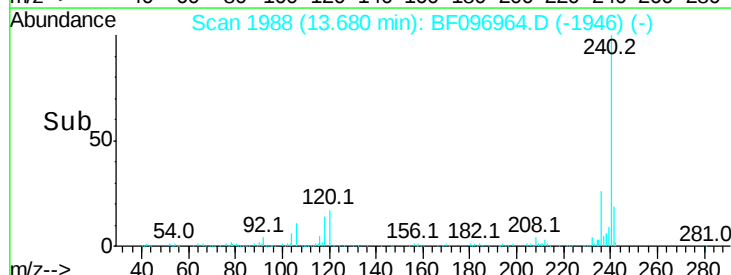
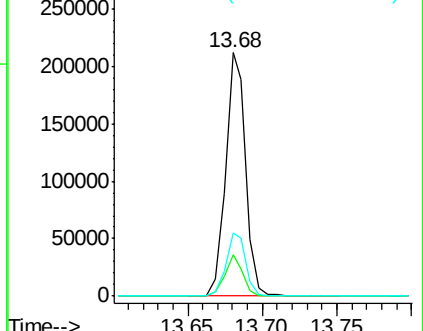
236 26.0 20.5 30.7

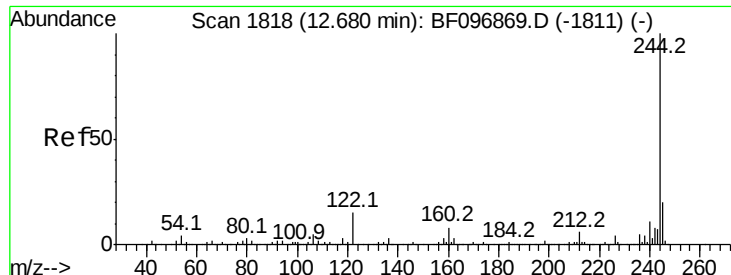


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.288 ng

RT: 12.64 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

Instrument :

BNA_F

ClientSampleId :

PB100832BL

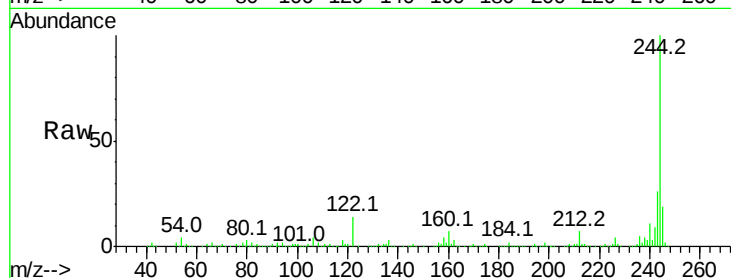
Tot Ion:244 Resp: 534239

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

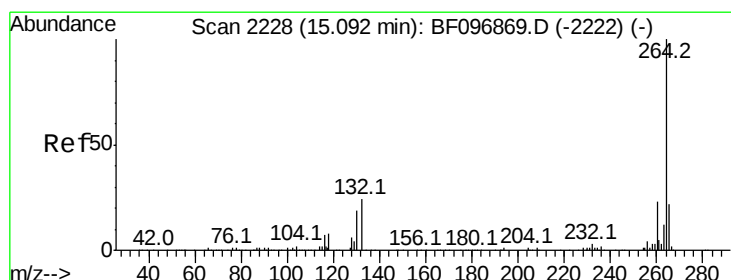
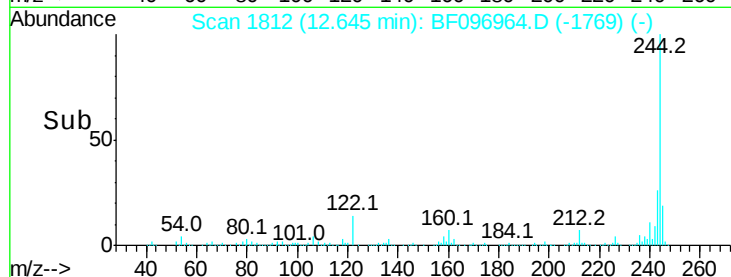
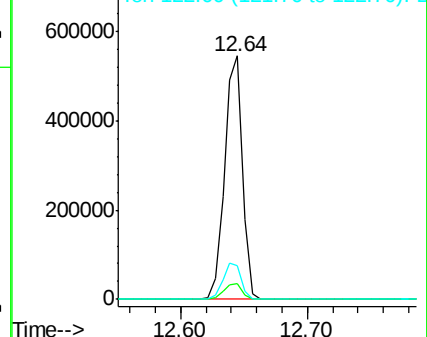
122 14.1 10.3 15.5



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: 20.000 ng

RT: 15.04 min Scan# 2220

Delta R.T. -0.06 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

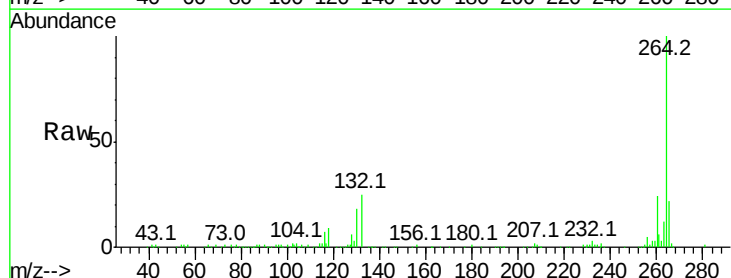
Tgt Ion:264 Resp: 184336

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.8 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

