

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097622.D
 Acq On : 12 Aug 2017 6:03
 Operator : SJ/JU
 Sample : I4723-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UPPER-BRICK

Quant Time: Aug 12 07:01:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

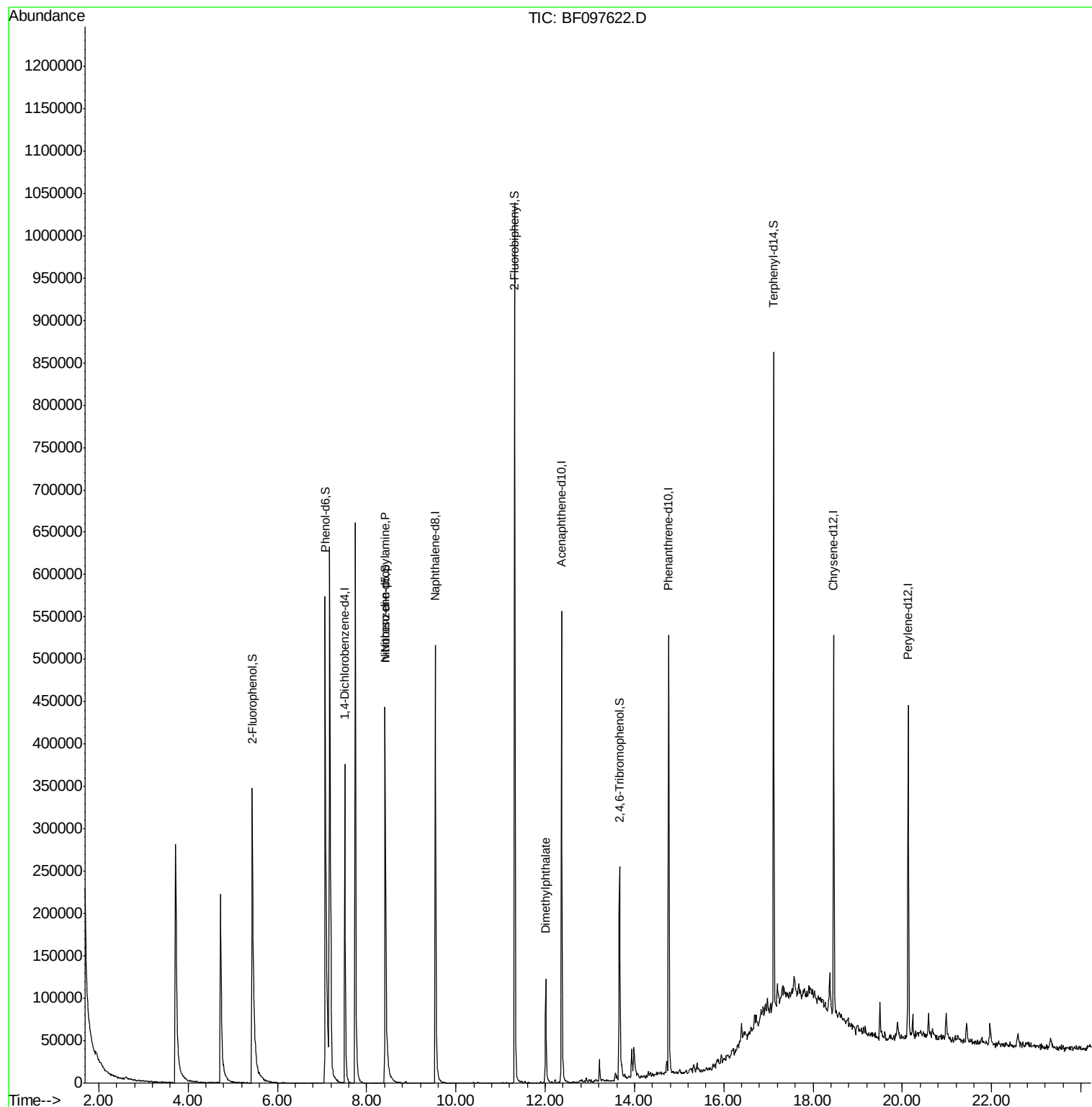
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	87123	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	364936	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	154972	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	271223	20.00	ng	0.00
75) Chrysene-d12	18.46	240	182131	20.00	ng	0.00
86) Perylene-d12	20.13	264	169260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	250968	45.79	ng	0.04
7) Phenol-d6	7.07	99	396433	58.30	ng	0.01
23) Nitrobenzene-d5	8.42	82	248004	42.61	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	43675	37.07	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	436996	42.56	ng	0.00
78) Terphenyl-d14	17.12	244	286552	32.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.42	70	30893	6.53	ng	Qvalue # 86
49) Dimethylphthalate	12.01	163	76900	6.44	ng	98

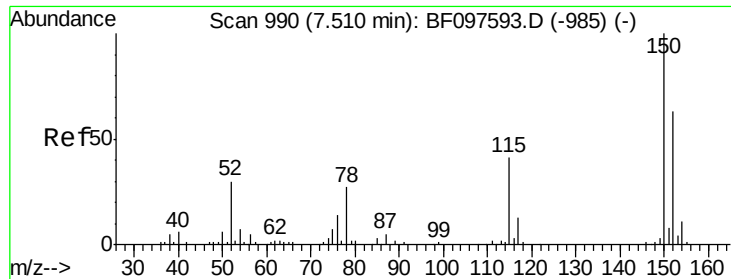
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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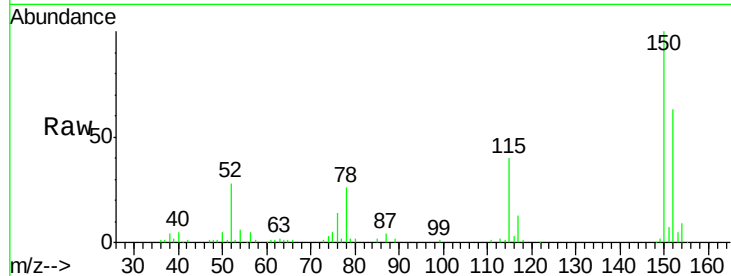


#1

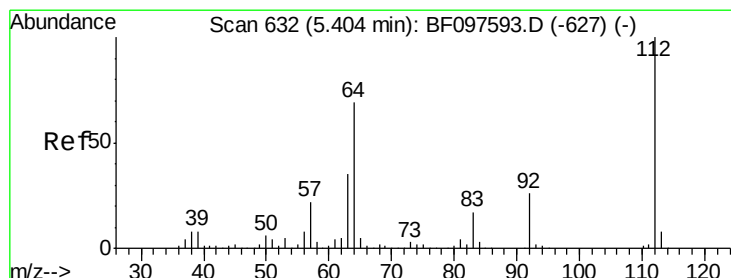
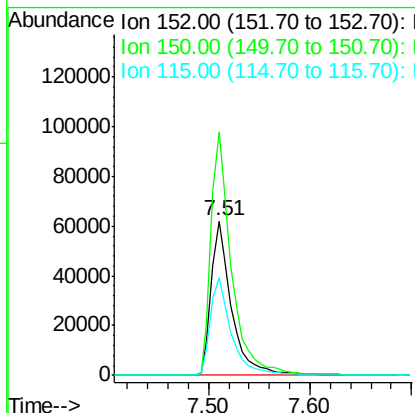
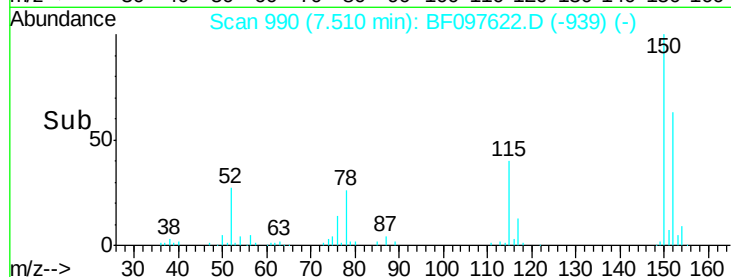
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097622.D
Acq: 12 Aug 2017 6:03

Instrument :
BNA_F
ClientSampleId :
UPPER-BRICK

Tot Ion:152 Resp: 87123
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 63.4 52.2 78.2



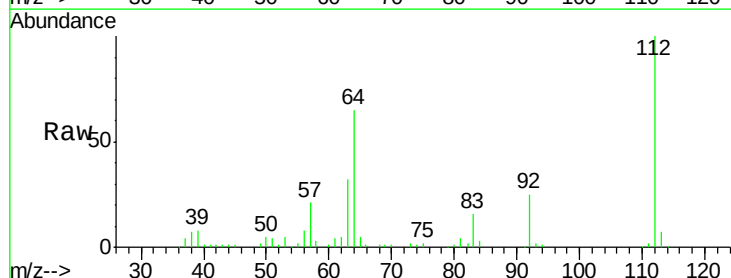
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



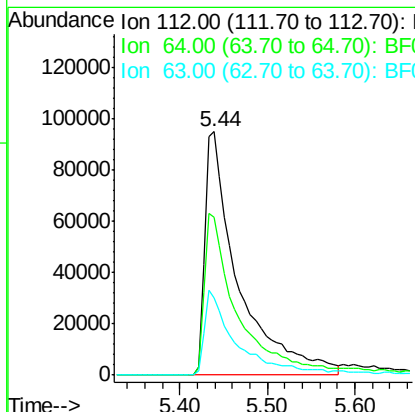
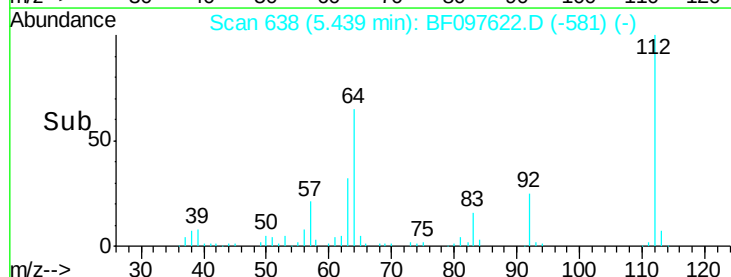
#5

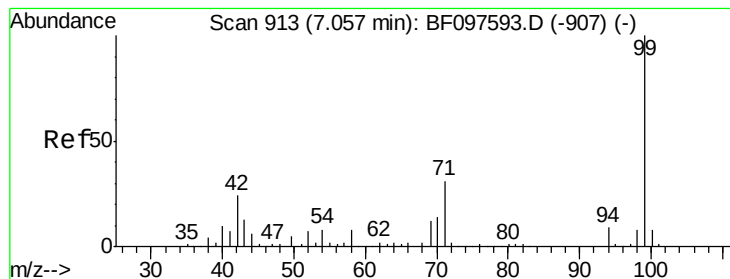
2-Fluorophenol
Concen: 45.79 ng
RT: 5.44 min Scan# 638
Delta R.T. 0.04 min
Lab File: BF097622.D
Acq: 12 Aug 2017 6:03

Tgt Ion:112 Resp: 250968
Ion Ratio Lower Upper
112 100
64 64.8 46.0 69.0
63 31.8 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: 58.30 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097622.D

Acq: 12 Aug 2017 6:03

Instrument :

BNA_F

ClientSampled :

UPPER-BRICK

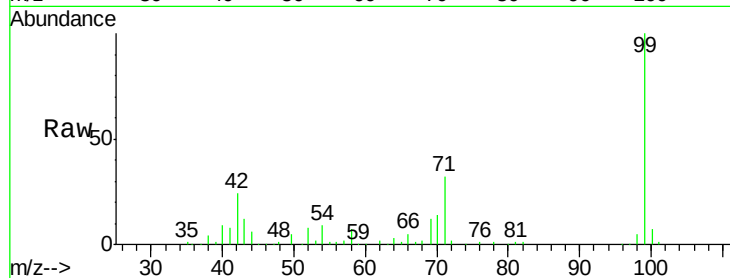
Tot Ion: 99 Resp: 396433

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

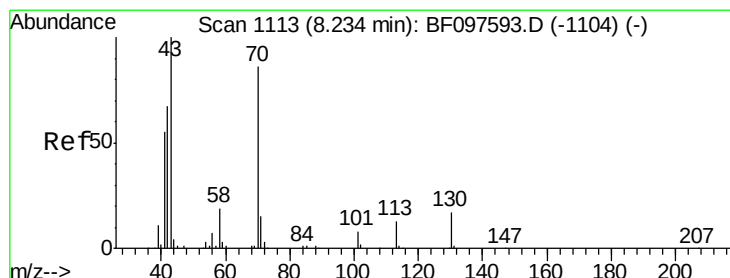
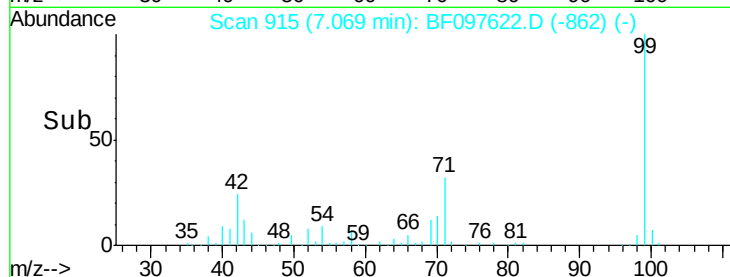
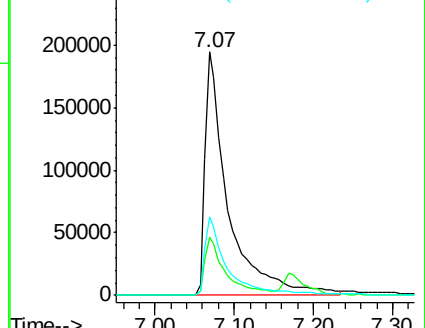
71 32.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.53 ng

RT: 8.42 min Scan# 1144

Delta R.T. 0.18 min

Lab File: BF097622.D

Acq: 12 Aug 2017 6:03

Tgt Ion: 70 Resp: 30893

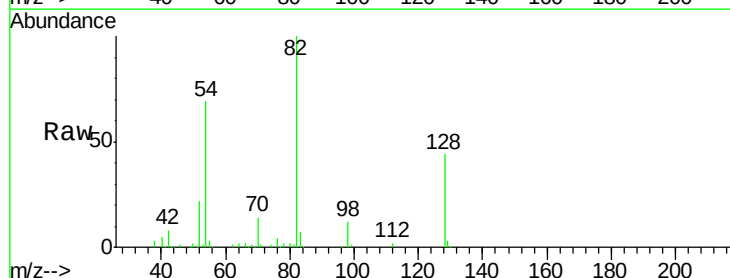
Ion Ratio Lower Upper

70 100

42 62.1 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

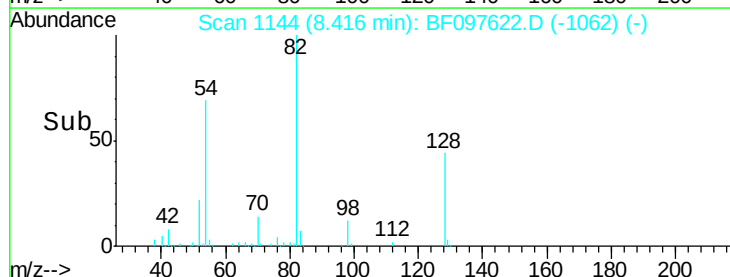
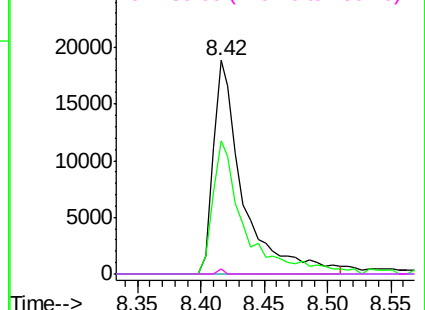


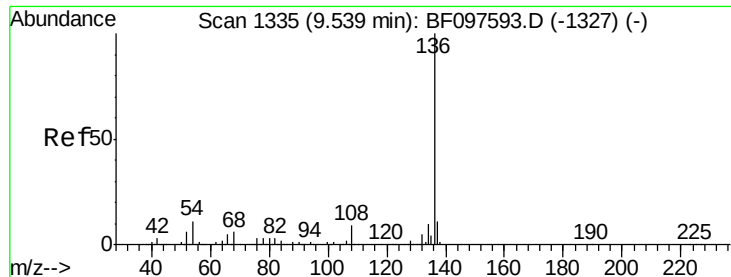
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

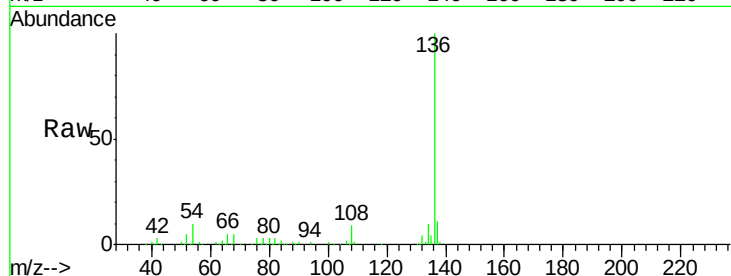




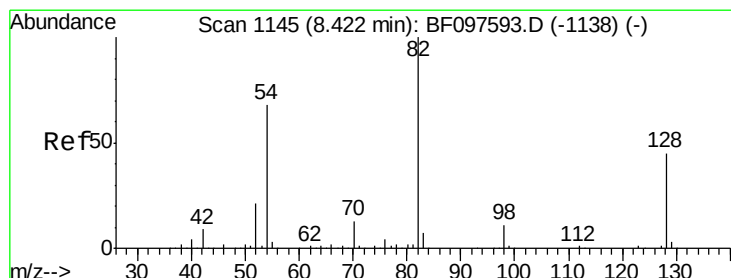
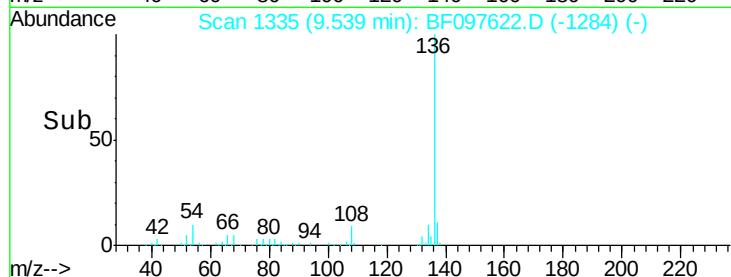
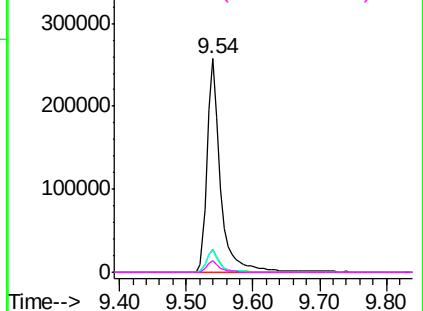
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF097622.D
Acq: 12 Aug 2017 6:03

Instrument :
BNA_F
ClientSampleId :
UPPER-BRICK

Tot Ion:136	Resp:	364936
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	10.0	4.9 7.3#
68	5.3	4.1 6.1

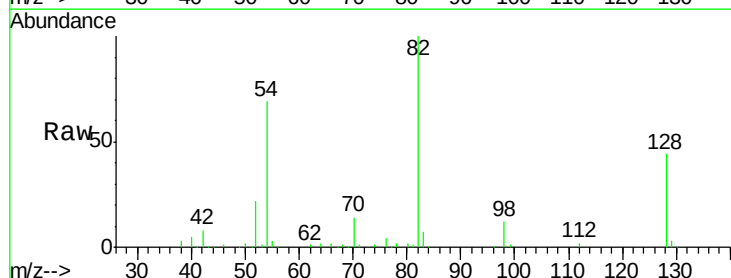


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

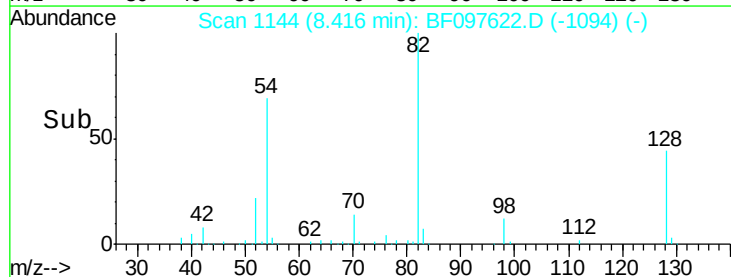
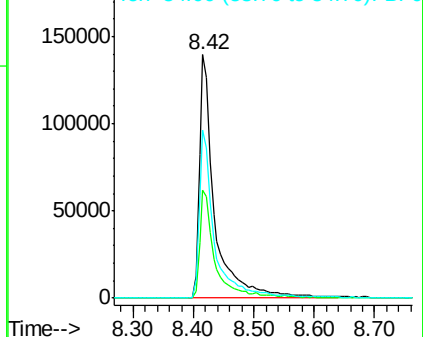


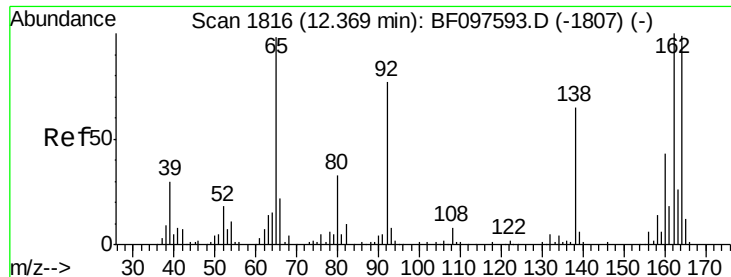
#23
Nitrobenzene-d5
Concen: 42.61 ng
RT: 8.42 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF097622.D
Acq: 12 Aug 2017 6:03

Tgt Ion: 82	Resp:	248004
Ion Ratio	Lower	Upper
82	100	
128	44.4	34.0 51.0
54	68.8	42.2 63.2#



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: 12.36 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF097622.D

Acq: 12 Aug 2017 6:03

Instrument :

BNA_F

ClientSampleId :

UPPER-BRICK

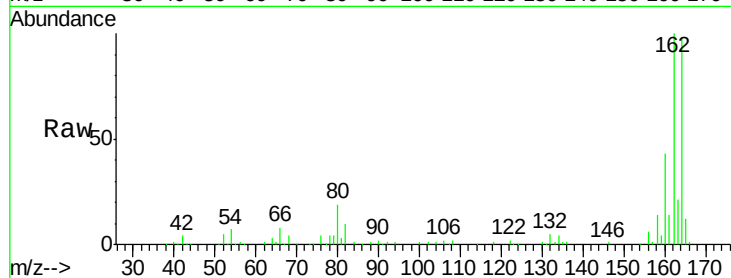
Tot Ion:164 Resp: 154972

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

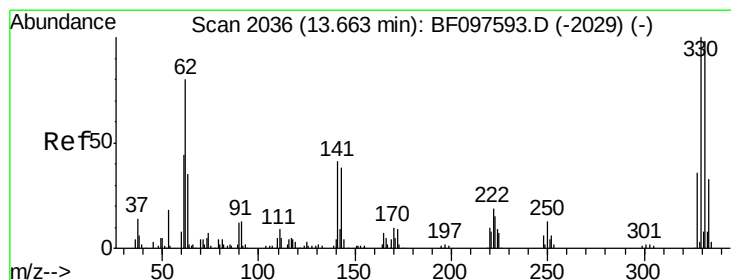
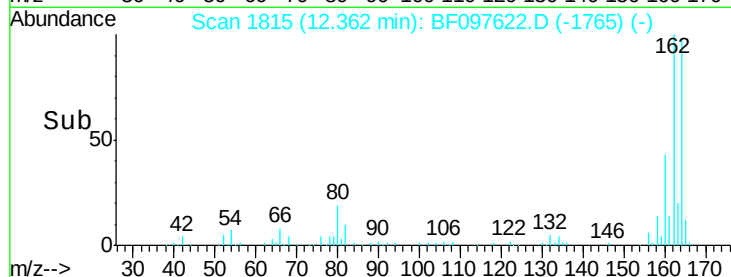
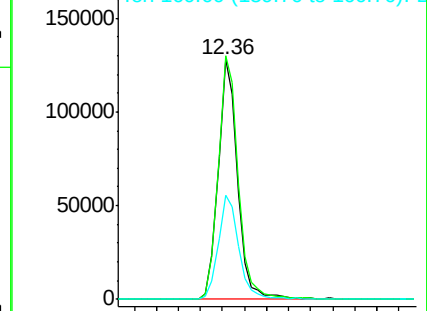
160 43.5 36.2 54.2



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: 37.07 ng

RT: 13.66 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF097622.D

Acq: 12 Aug 2017 6:03

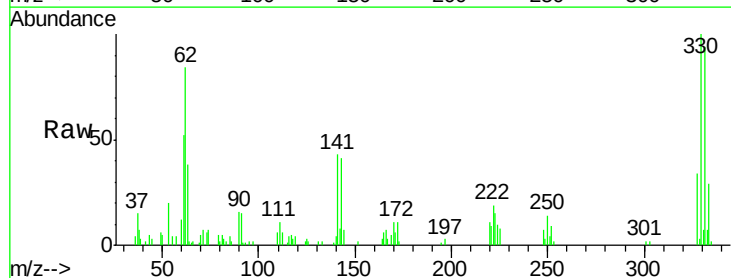
Tgt Ion:330 Resp: 43675

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

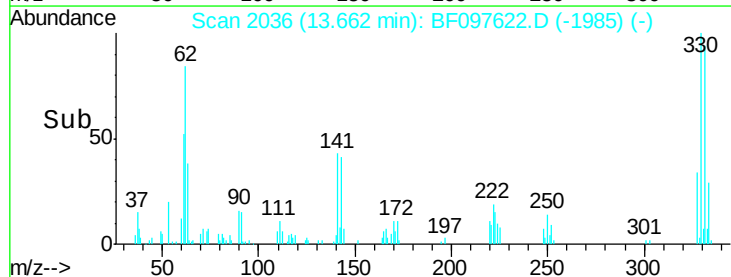
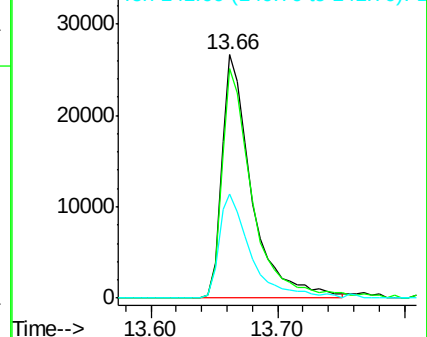
141 45.3 31.4 47.2

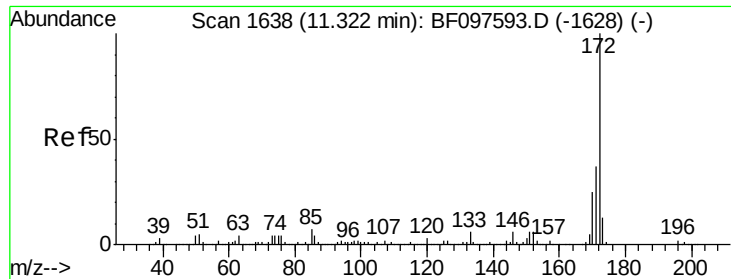


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

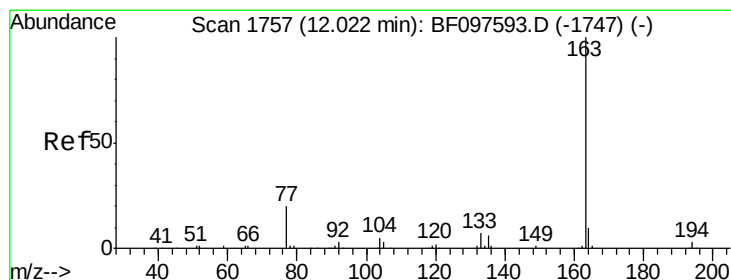
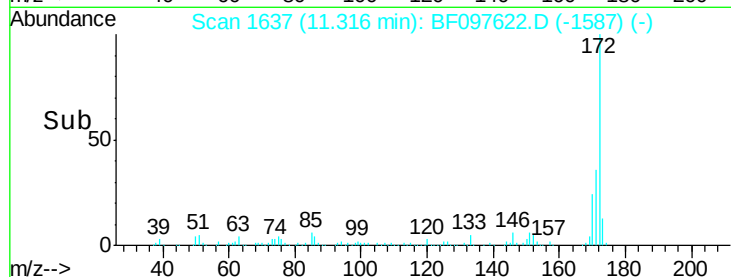
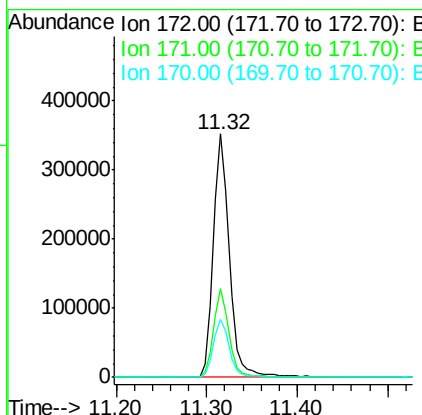
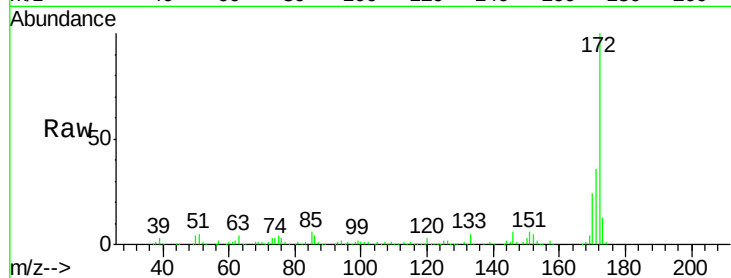




#44
2-Fluorobiphenyl
Concen: 42.56 ng
RT: 11.32 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF097622.D
Acq: 12 Aug 2017 6:03

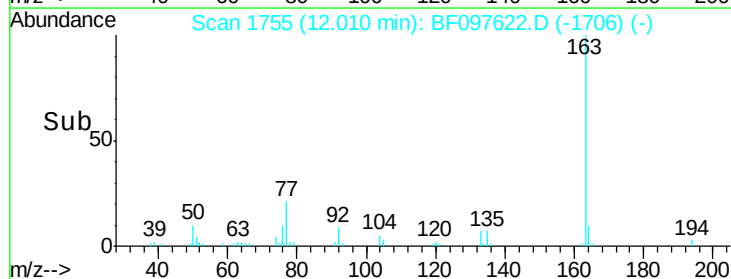
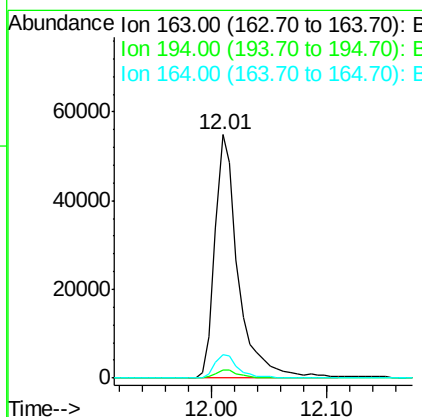
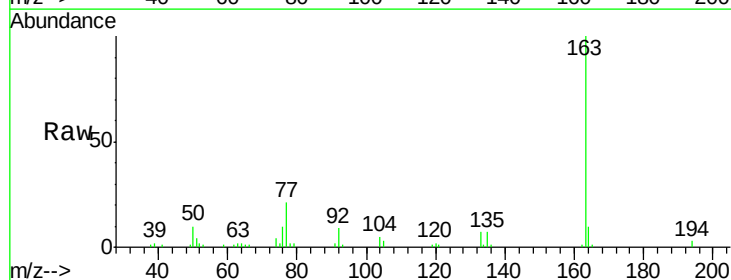
Instrument :
BNA_F
ClientSampleId :
UPPER-BRICK

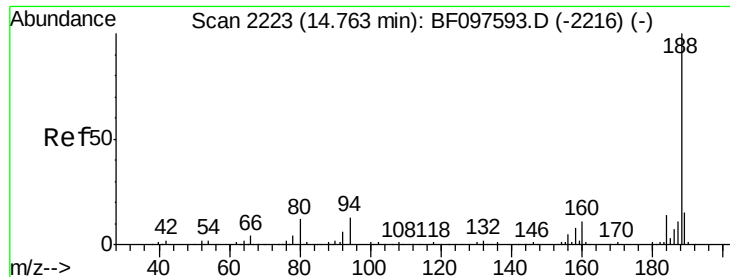
Tot Ion:172 Resp: 436996
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 6.44 ng
RT: 12.01 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097622.D
Acq: 12 Aug 2017 6:03

Tgt Ion:163 Resp: 76900
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.8 8.4 12.6

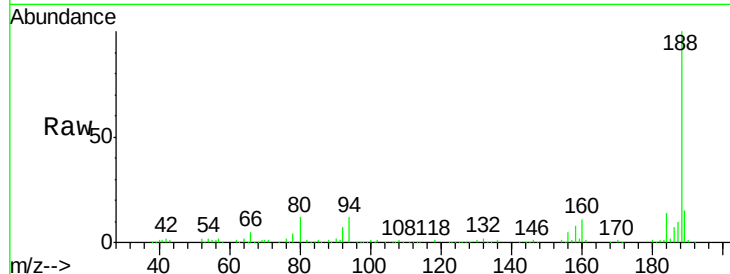




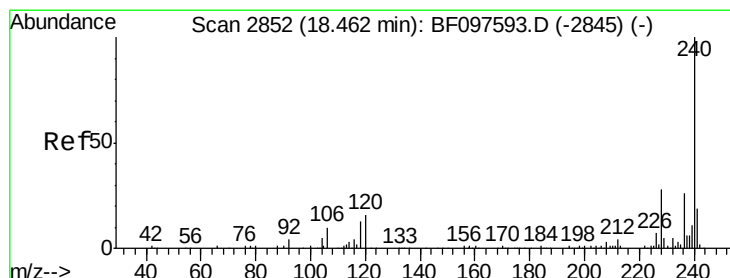
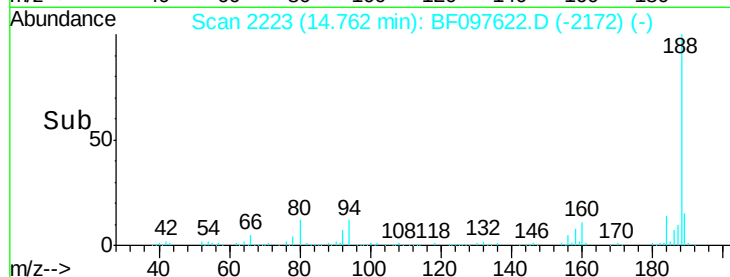
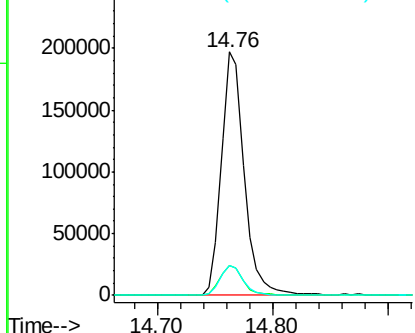
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF097622.D
Acq: 12 Aug 2017 6:03

Instrument :
BNA_F
ClientSampleId :
UPPER-BRICK

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.4	10.2	15.2

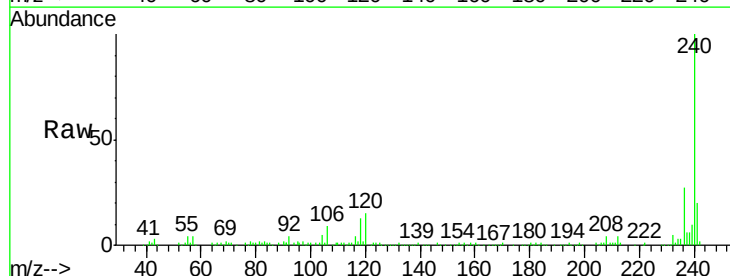


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

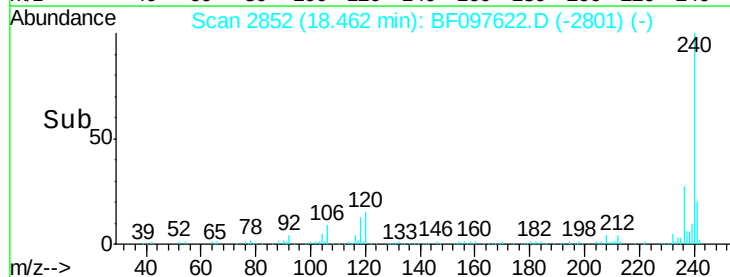
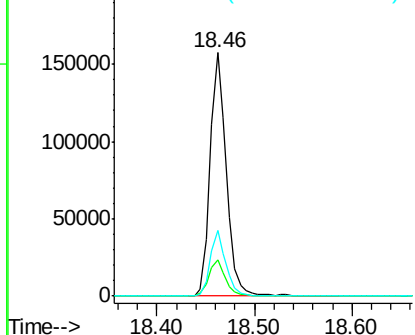


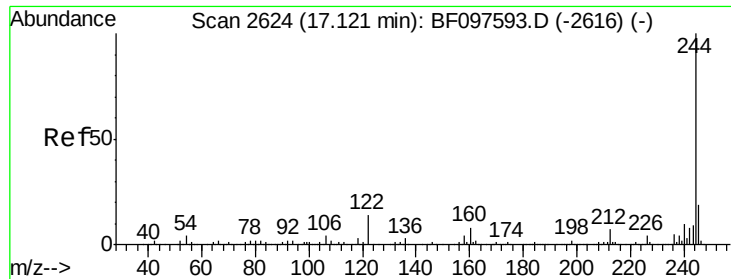
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BF097622.D
Acq: 12 Aug 2017 6:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	27.0	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

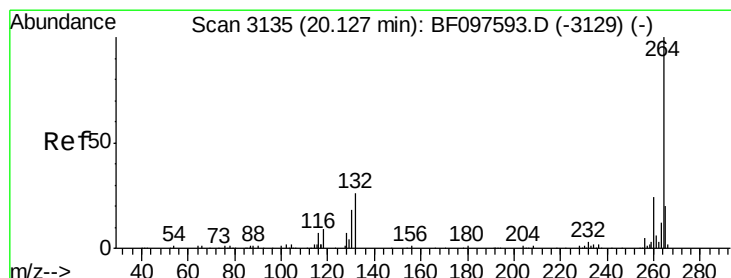
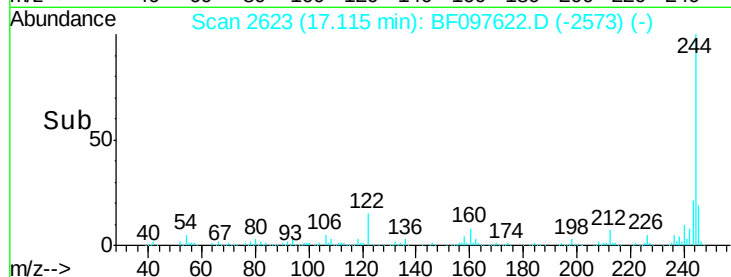
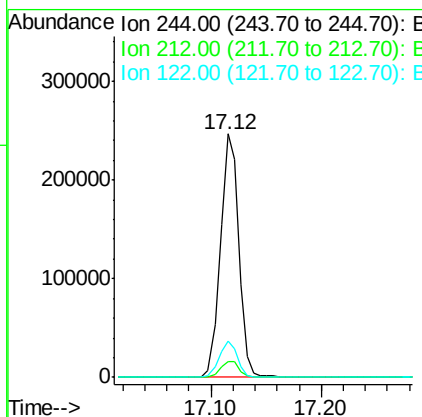
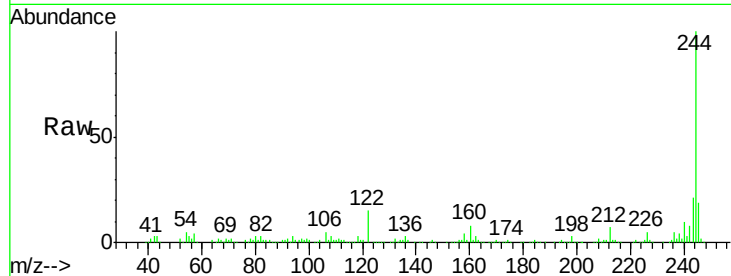




#78
 Terphenyl-d14
 Concen: 32.56 ng
 RT: 17.12 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF097622.D
 Acq: 12 Aug 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :
 UPPER-BRICK

Tot Ion:244 Resp: 286552
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 15.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 3136
 Delta R.T. 0.01 min
 Lab File: BF097622.D
 Acq: 12 Aug 2017 6:03

Tgt Ion:264 Resp: 169260
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.5 29.3
 265 20.4 17.2 25.8

