

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097637.D
 Acq On : 12 Aug 2017 16:30
 Operator : SJ/JU
 Sample : PB101443TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101443TB

Quant Time: Aug 14 05:19:43 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

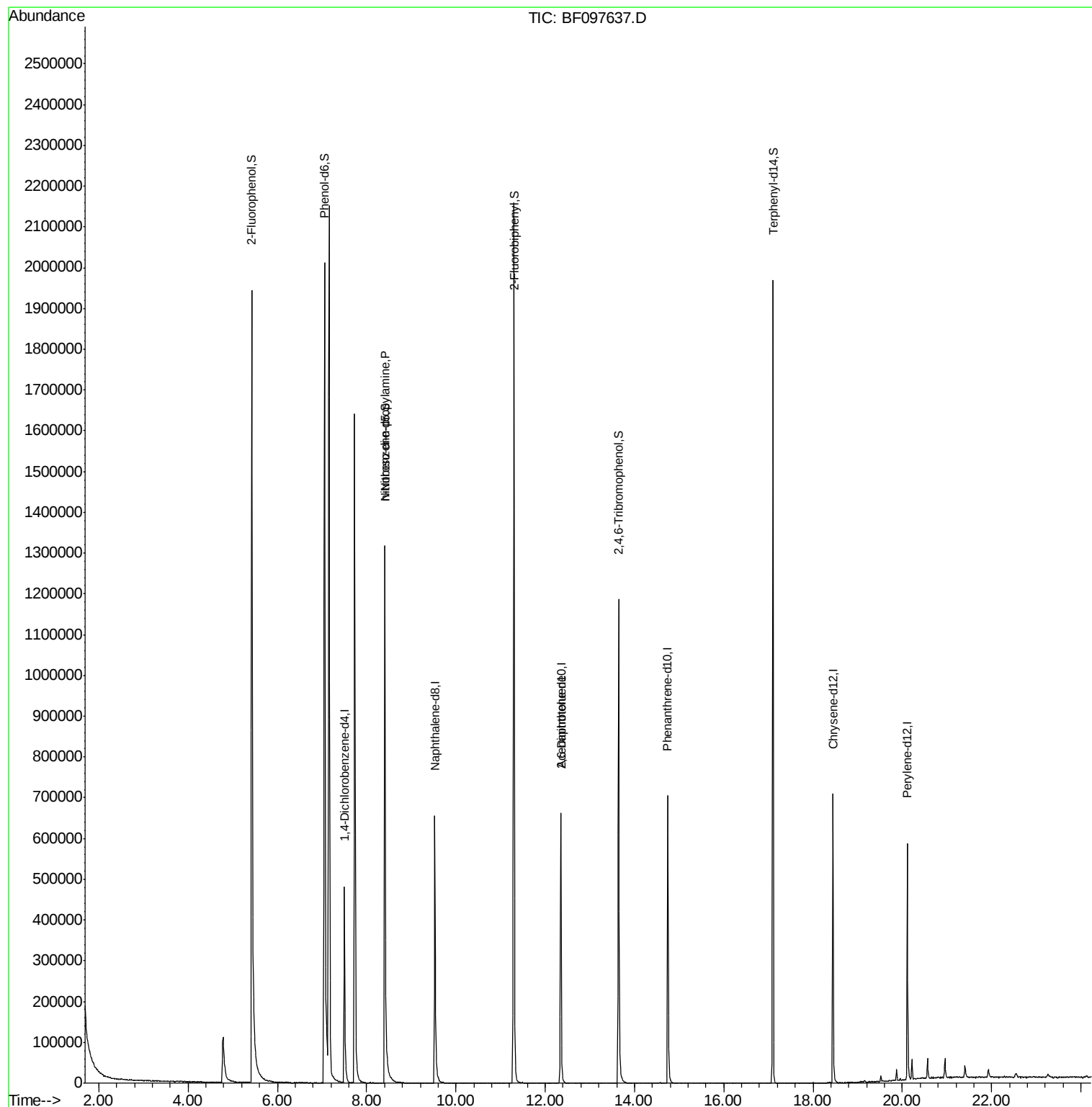
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	114215	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	505403	20.00	ng	-0.01
38) Acenaphthene-d10	12.34	164	210968	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	388132	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	318426	20.00	ng	-0.02
86) Perylene-d12	20.11	264	252939	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	985178	137.10	ng	0.02
7) Phenol-d6	7.06	99	1120198	125.67	ng	0.00
23) Nitrobenzene-d5	8.41	82	680183	84.39	ng	-0.01
41) 2,4,6-Tribromophenol	13.64	330	195691	122.02	ng	-0.02
44) 2-Fluorobiphenyl	11.30	172	1099423	78.65	ng	-0.02
78) Terphenyl-d14	17.11	244	852211	55.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.41	70	86916	14.02	ng	# 87
50) 2,6-Dinitrotoluene	12.35	165	25327	7.54	ng	# 31

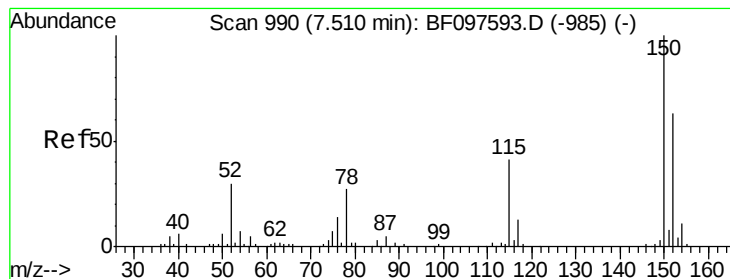
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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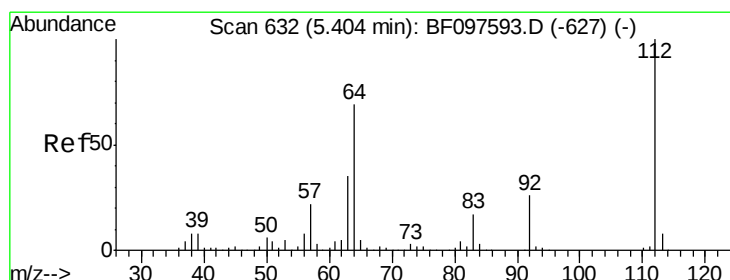
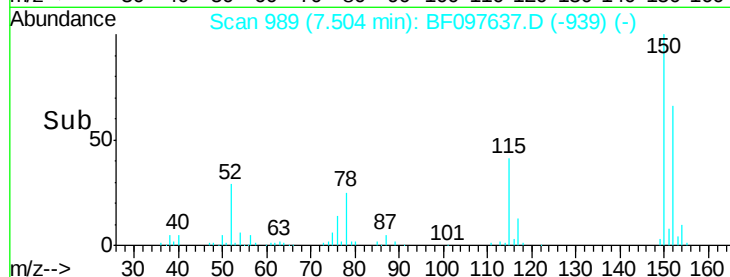
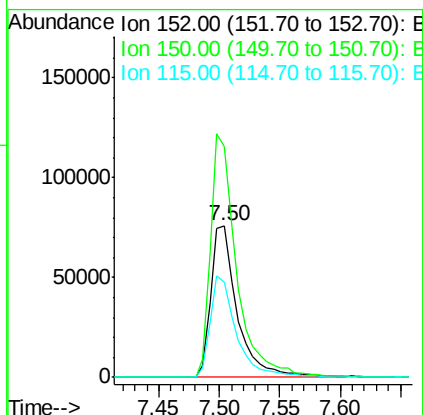
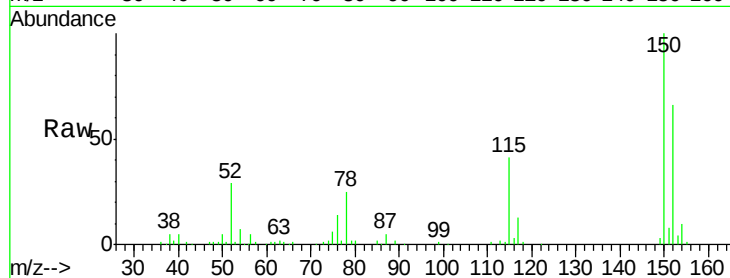




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.50 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF097637.D
 Acq: 12 Aug 2017 16:30

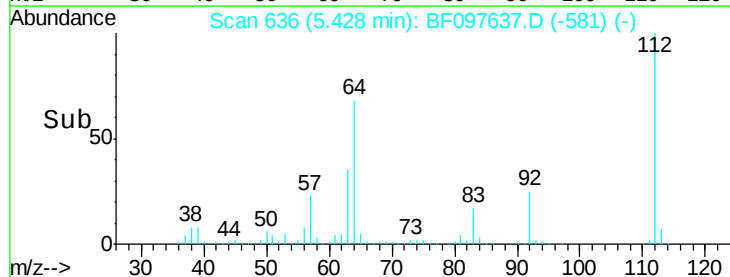
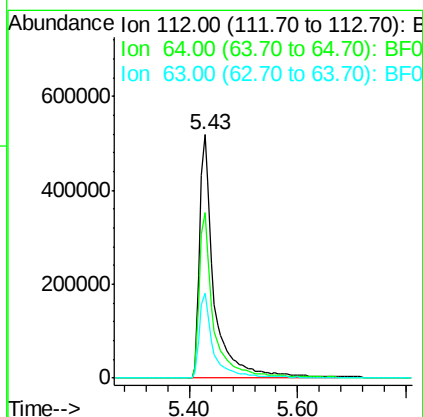
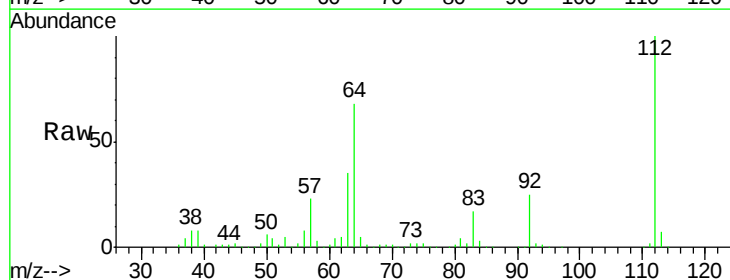
Instrument :
 BNA_F
 ClientSampleId :
 PB101443TB

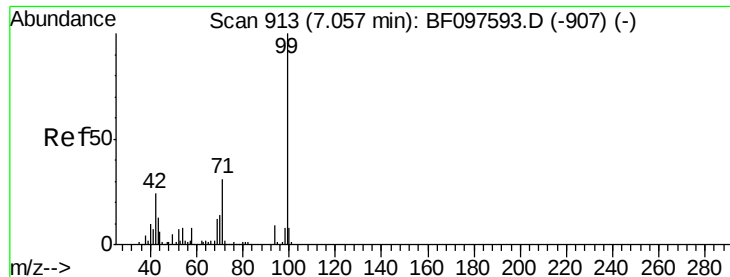
Tot Ion:152 Resp: 114215
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.2 189.2
 115 62.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 137.10 ng
 RT: 5.43 min Scan# 636
 Delta R.T. 0.02 min
 Lab File: BF097637.D
 Acq: 12 Aug 2017 16:30

Tgt Ion:112 Resp: 985178
 Ion Ratio Lower Upper
 112 100
 64 68.0 46.0 69.0
 63 34.8 23.4 35.0





#7

Phenol-d6

Concen: 125.67 ng

RT: 7.06 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

Instrument :

BNA_F

ClientSampleId :

PB101443TB

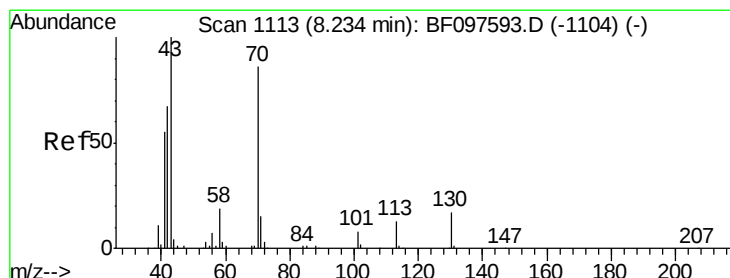
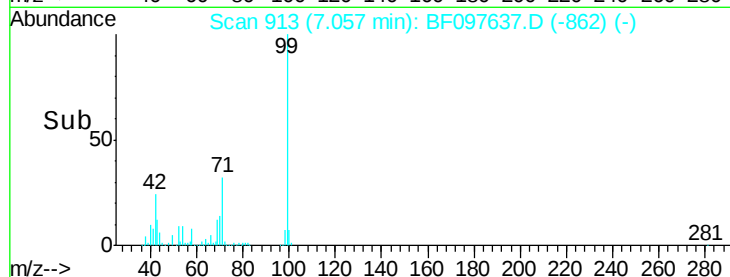
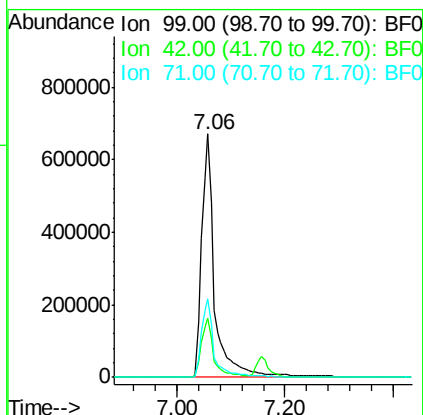
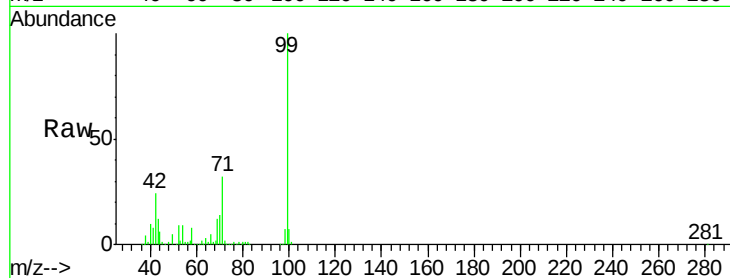
Tot Ion: 99 Resp: 1120198

Ion Ratio Lower Upper

99 100

42 24.4 13.5 20.3#

71 32.2 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.02 ng

RT: 8.41 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

Tgt Ion: 70 Resp: 86916

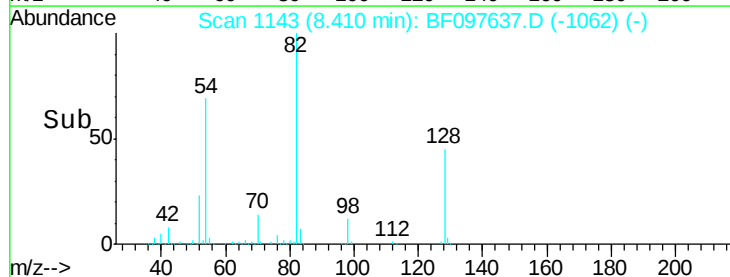
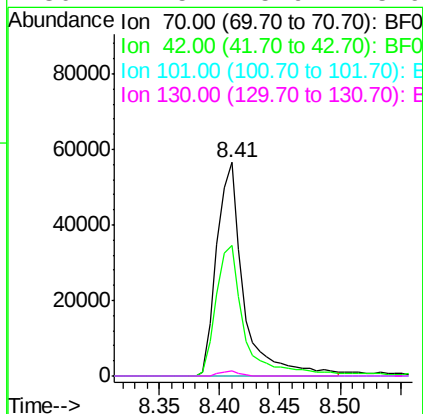
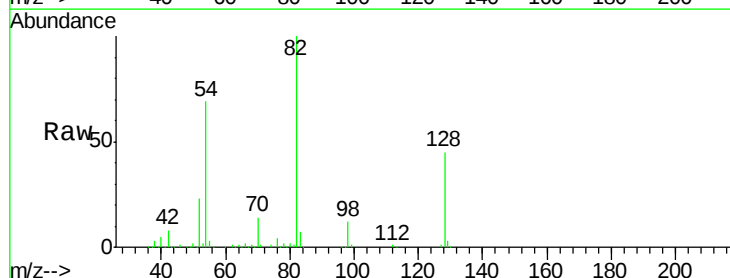
Ion Ratio Lower Upper

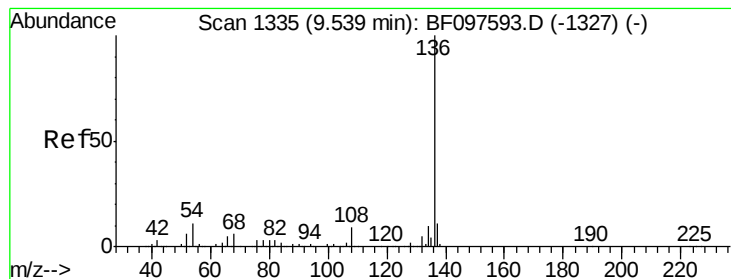
70 100

42 61.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

Instrument :

BNA_F

ClientSampleId :

PB101443TB

Tot Ion:136 Resp: 505403

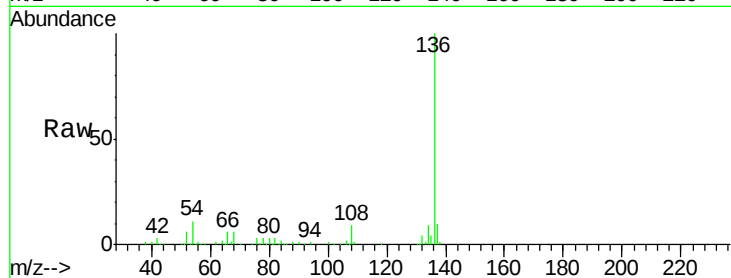
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 11.4 4.9 7.3#

68 6.4 4.1 6.1#

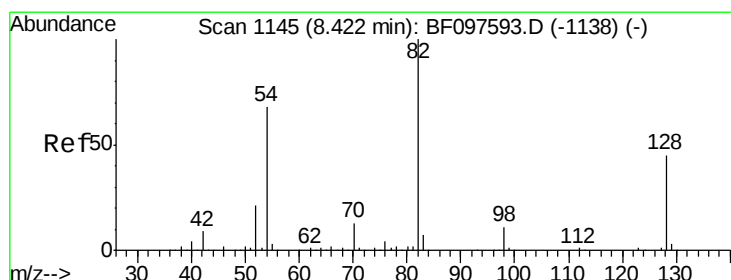
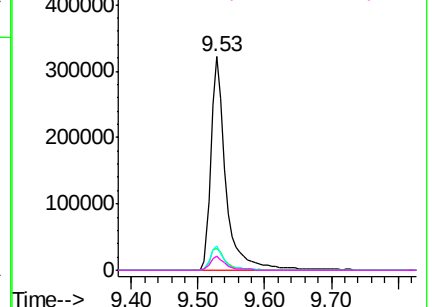
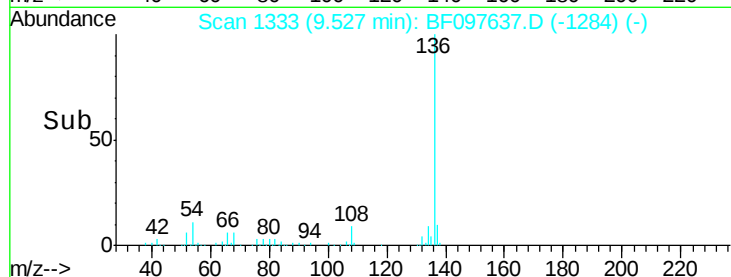


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.39 ng

RT: 8.41 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

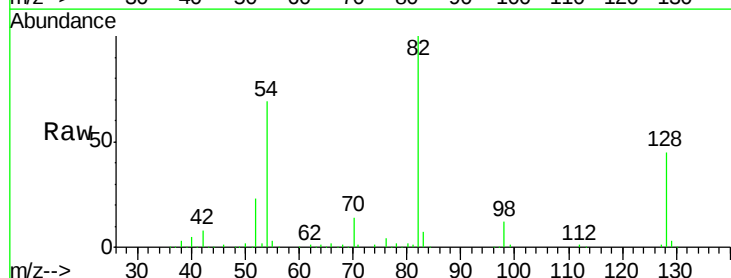
Tgt Ion: 82 Resp: 680183

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

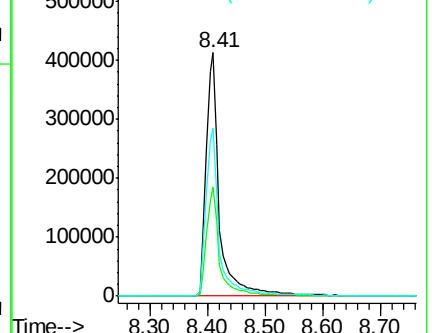
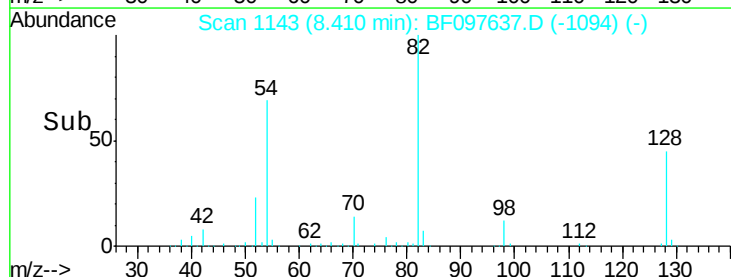
54 69.0 42.2 63.2#

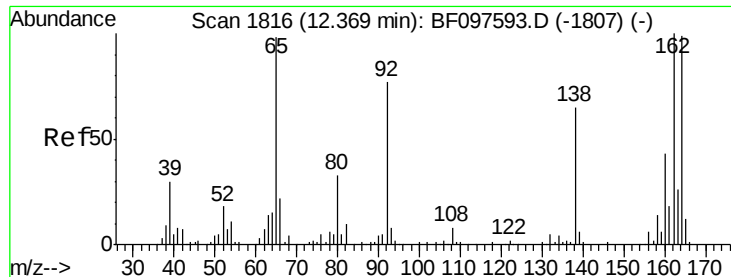


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.34 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

Instrument :

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PB101443TB

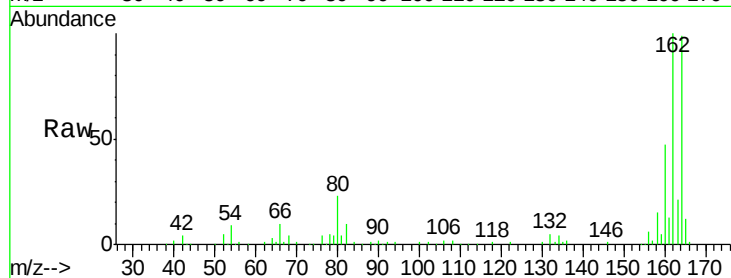
Tot Ion:164 Resp: 210968

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

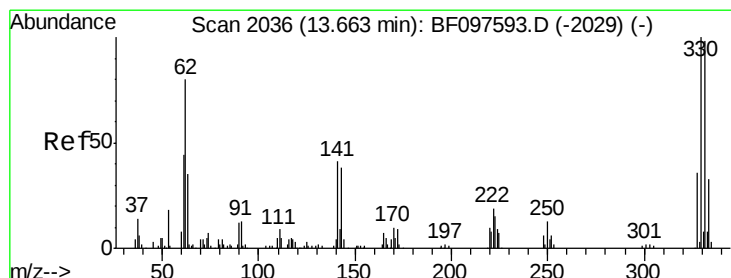
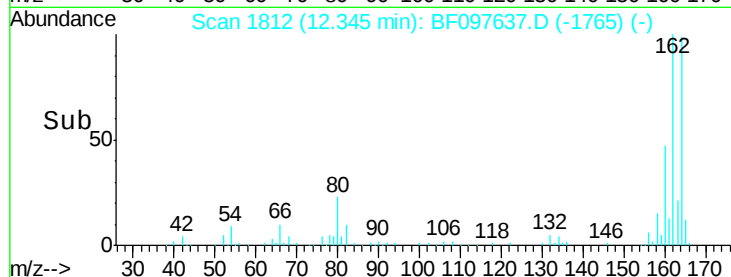
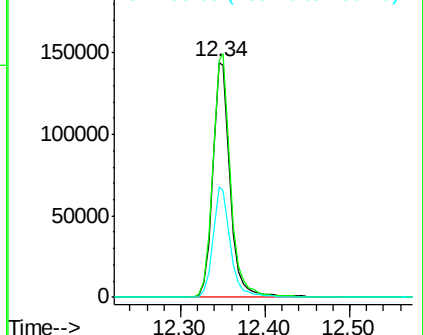
160 47.3 36.2 54.2



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: 122.02 ng

RT: 13.64 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF097637.D

Acq: 12 Aug 2017 16:30

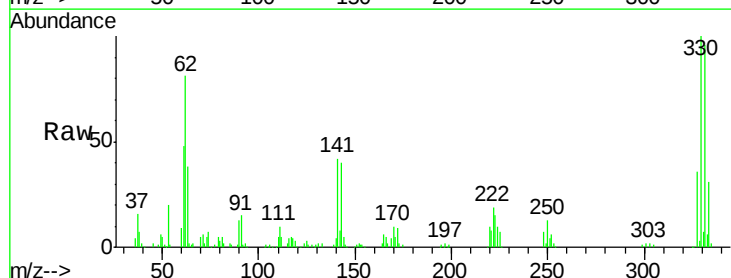
Tgt Ion:330 Resp: 195691

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

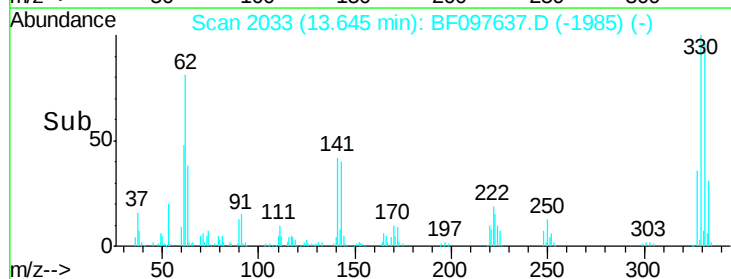
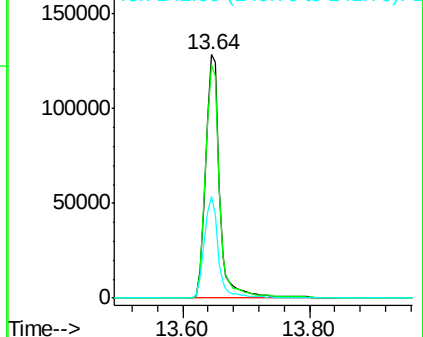
141 42.1 31.4 47.2

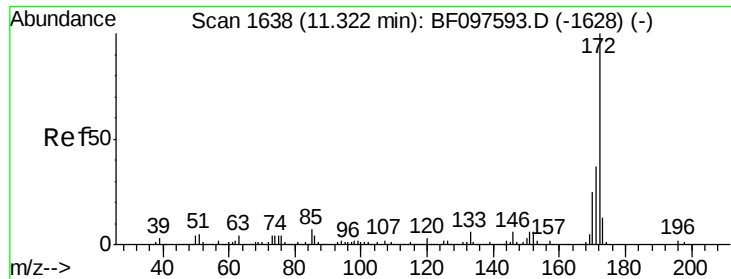


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

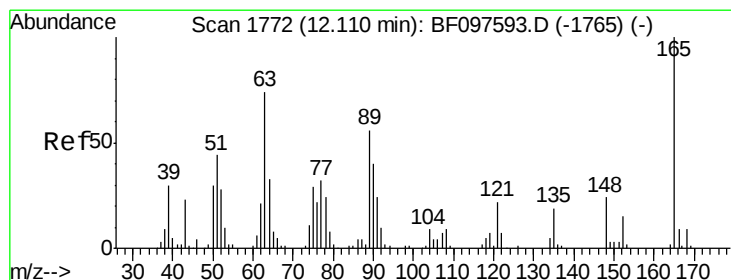
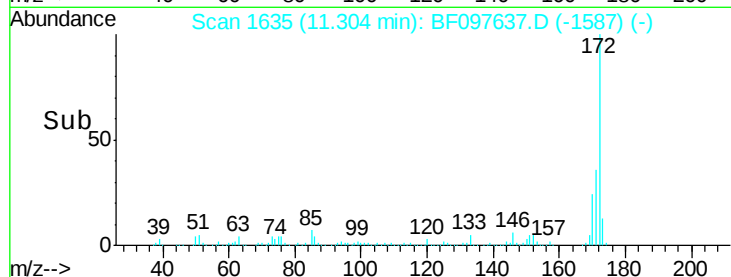
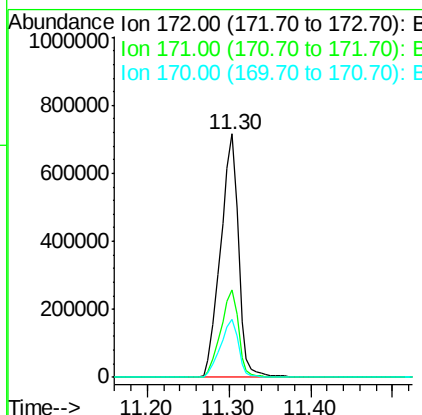
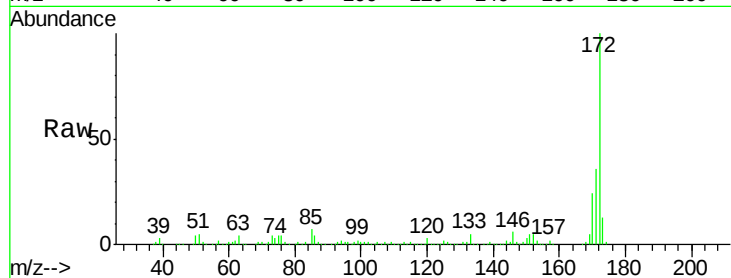




#44
2-Fluorobiphenyl
Concen: 78.65 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097637.D
Acq: 12 Aug 2017 16:30

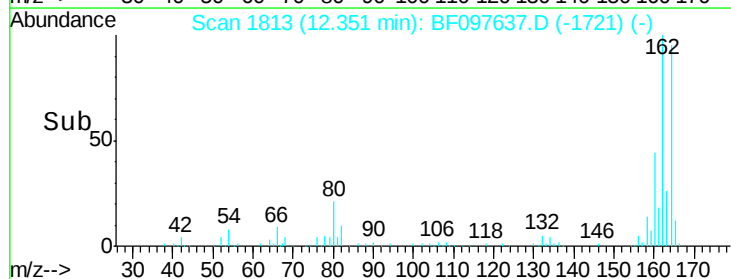
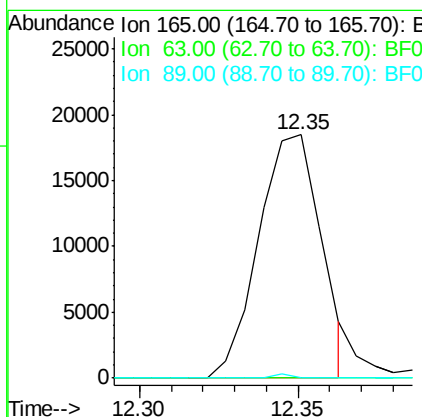
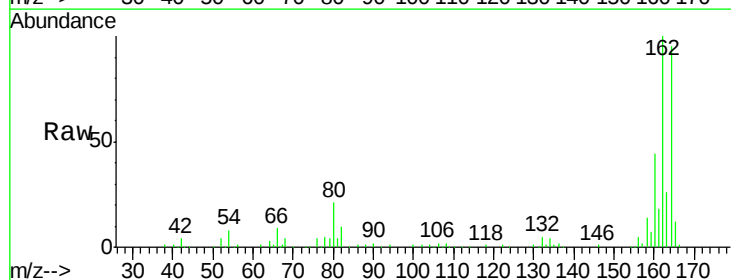
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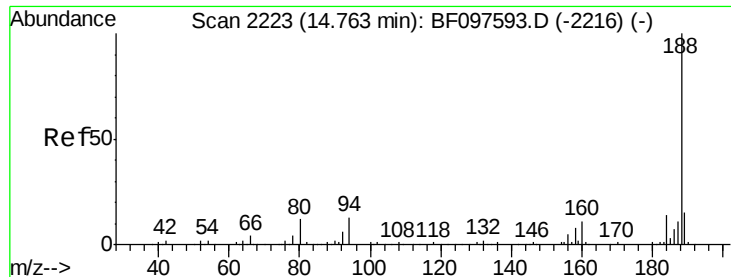
Tot Ion:172 Resp: 1099423
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.9 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 12.35 min Scan# 1813
Delta R.T. 0.24 min
Lab File: BF097637.D
Acq: 12 Aug 2017 16:30

Tgt Ion:165 Resp: 25327
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

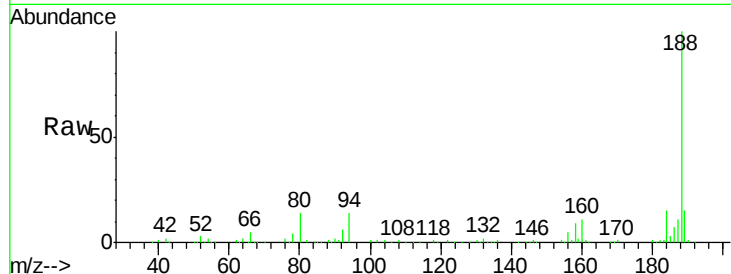




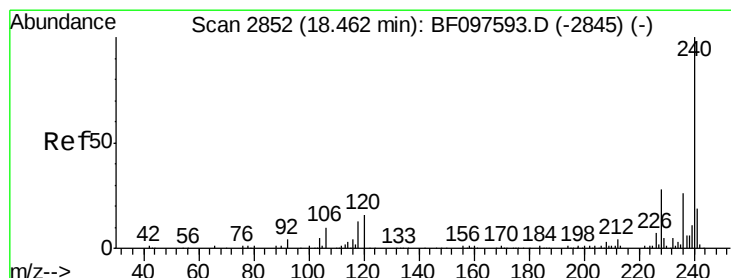
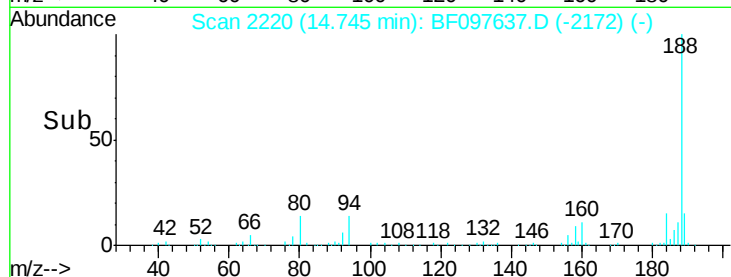
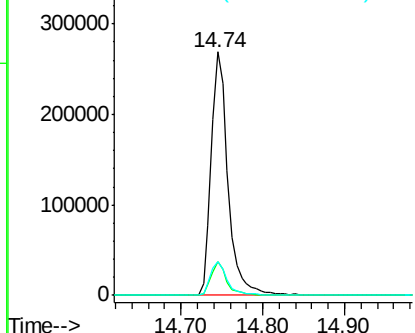
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF097637.D
Acq: 12 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PB101443TB

Tot Ion:188 Resp: 388132
Ion Ratio Lower Upper
188 100
94 13.6 9.4 14.2
80 13.7 10.2 15.2

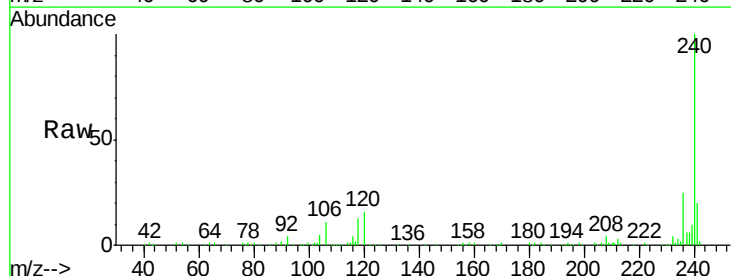


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

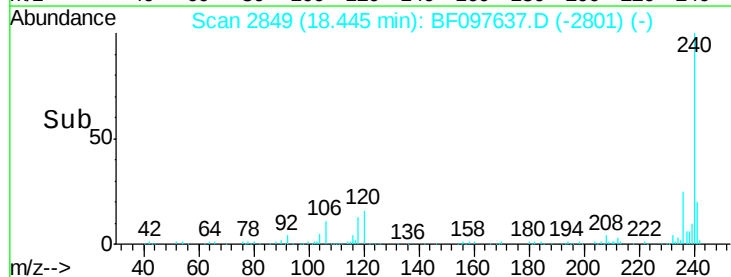
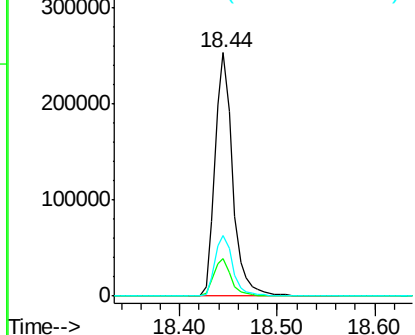


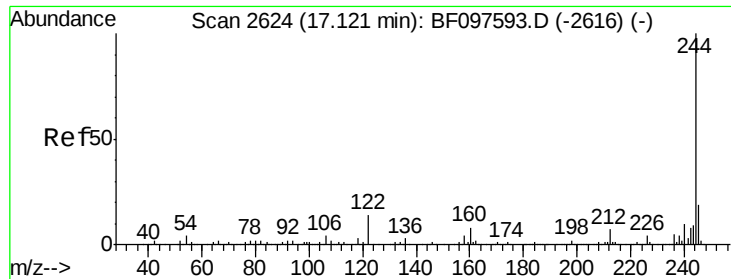
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.44 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF097637.D
Acq: 12 Aug 2017 16:30

Tgt Ion:240 Resp: 318426
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 25.1 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

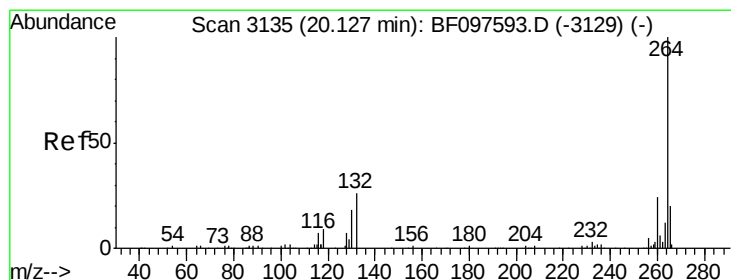
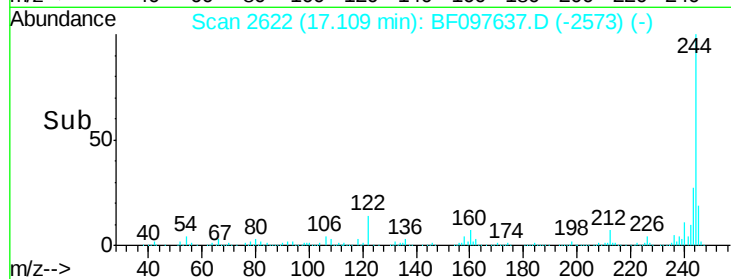
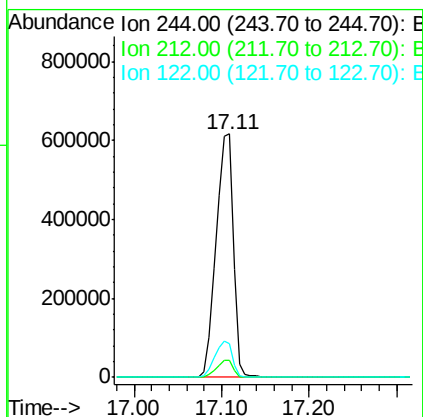
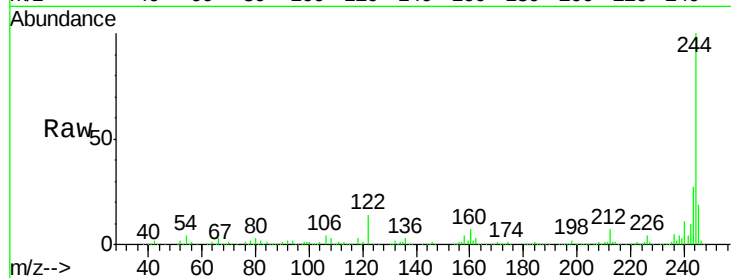




#78
 Terphenyl-d14
 Concen: 55.39 ng
 RT: 17.11 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF097637.D
 Acq: 12 Aug 2017 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101443TB

Tot Ion:244 Resp: 852211
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BF097637.D
 Acq: 12 Aug 2017 16:30

Tgt Ion:264 Resp: 252939
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.2 17.2 25.8

