

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097669.D
 Acq On : 13 Aug 2017 12:14
 Operator : SJ/JU
 Sample : I4682-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-BASE

Quant Time: Aug 14 05:30:41 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

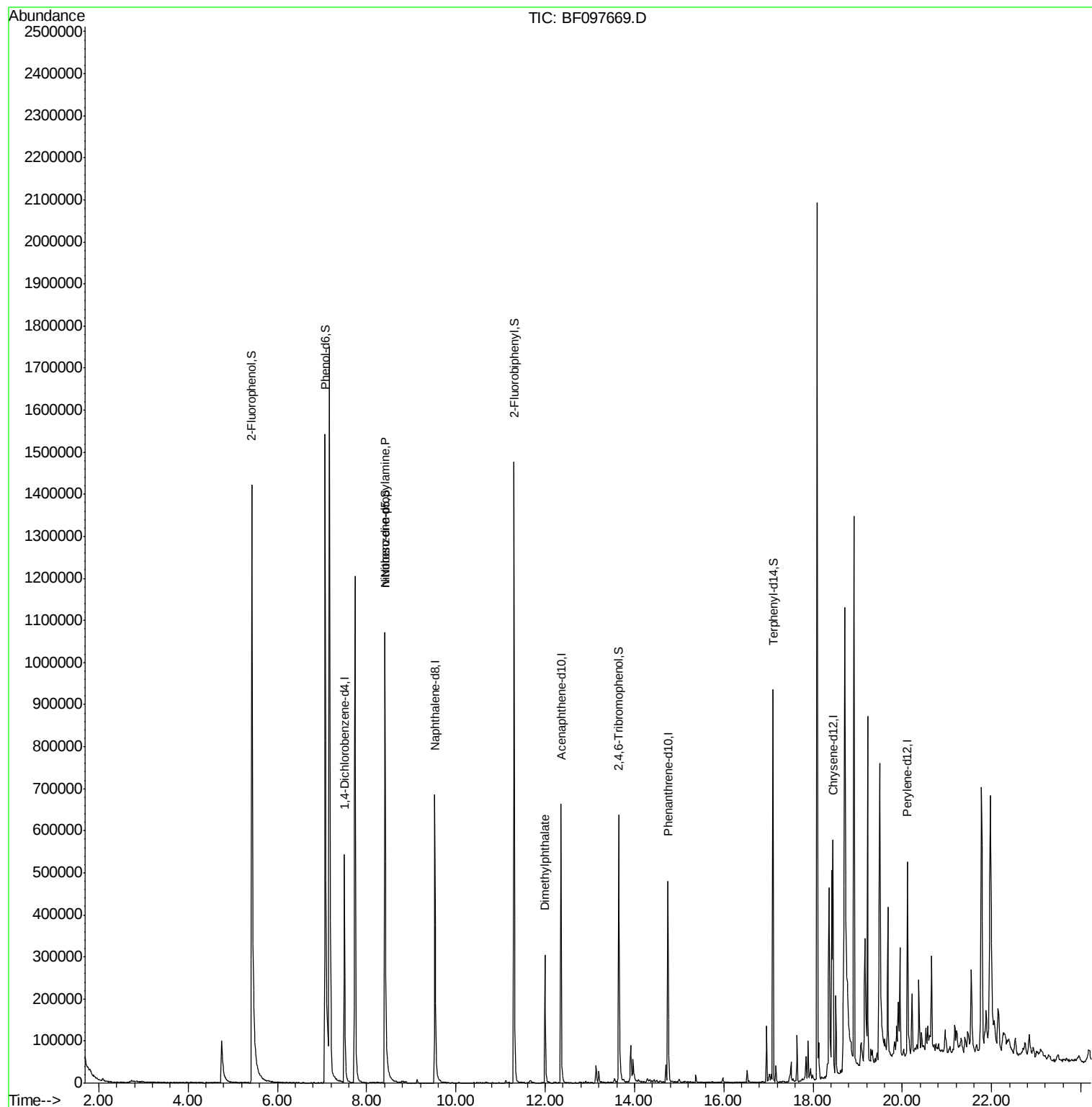
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	123630	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	494571	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	178269	20.00	ng	-0.02
63) Phenanthrene-d10	14.75	188	243102	20.00	ng	-0.01
75) Chrysene-d12	18.44	240	208790	20.00	ng	-0.02
86) Perylene-d12	20.11	264	183085	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	796851	102.45	ng	0.02
7) Phenol-d6	7.07	99	931349	96.53	ng	0.02
23) Nitrobenzene-d5	8.41	82	543730	68.94	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	99621	73.51	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	648893	54.93	ng	-0.02
78) Terphenyl-d14	17.10	244	339209	33.62	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.41	70	69717	10.39	ng	Qvalue # 83
49) Dimethylphthalate	11.99	163	186967	13.61	ng	97

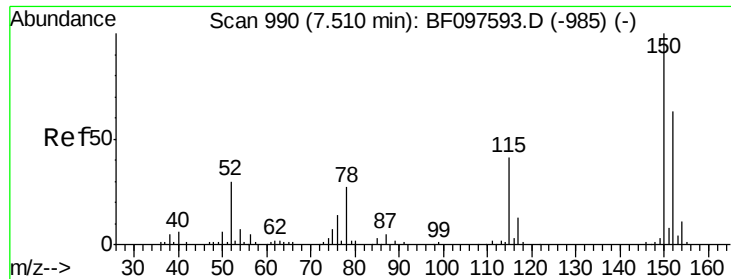
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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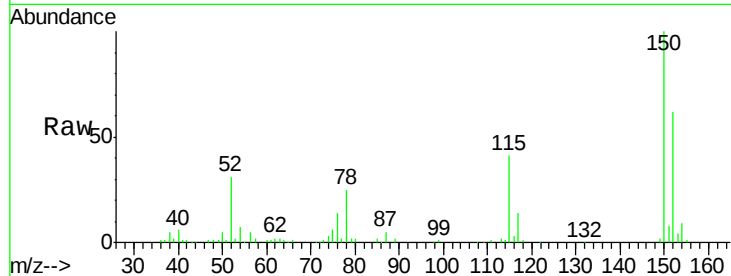


#1

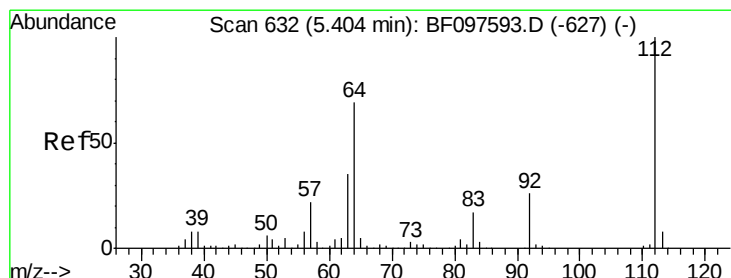
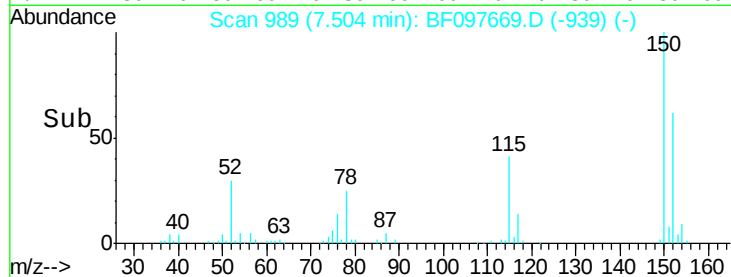
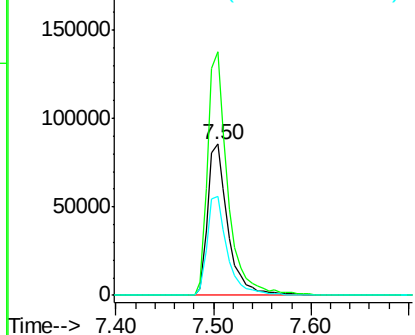
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097669.D
Acq: 13 Aug 2017 12:14

Instrument :
BNA_F
ClientSampleId :
E2-G10-BASE

Tot Ion:152 Resp: 123630
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.2
115 65.4 52.2 78.2



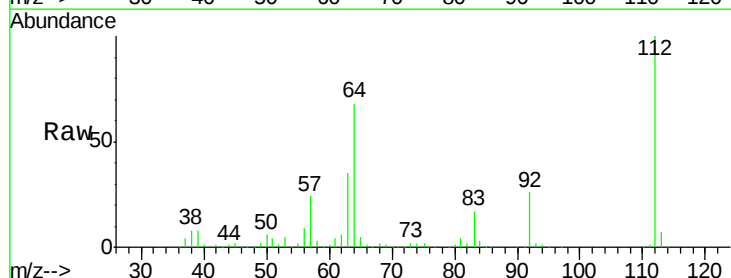
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



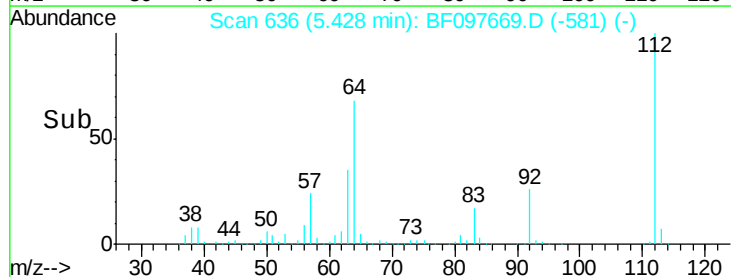
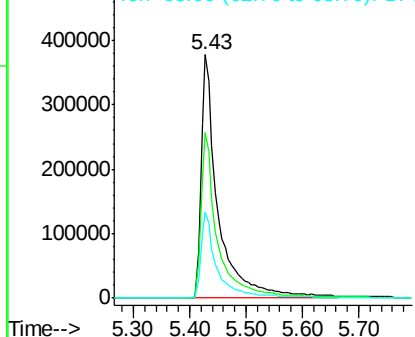
#5

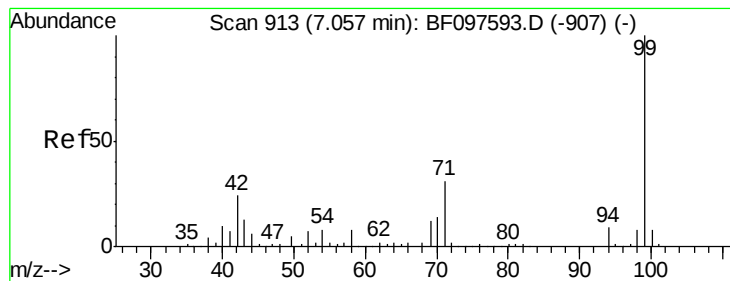
2-Fluorophenol
Concen: 102.45 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097669.D
Acq: 13 Aug 2017 12:14

Tgt Ion:112 Resp: 796851
Ion Ratio Lower Upper
112 100
64 68.1 46.0 69.0
63 35.5 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: 96.53 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097669.D

Acq: 13 Aug 2017 12:14

Instrument :

BNA_F

ClientSampleId :

E2-G10-BASE

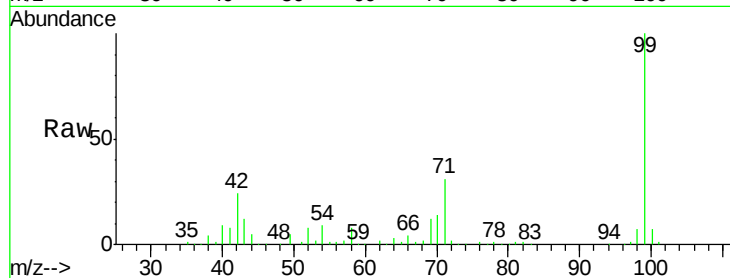
Tot Ion: 99 Resp: 931349

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

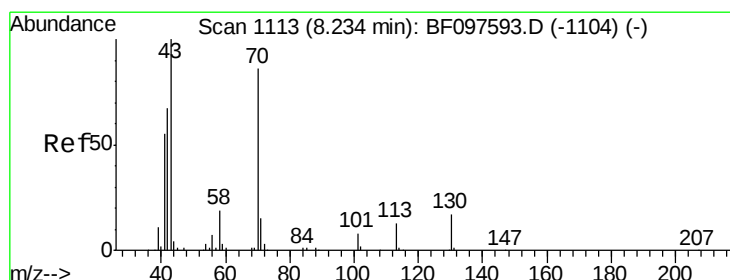
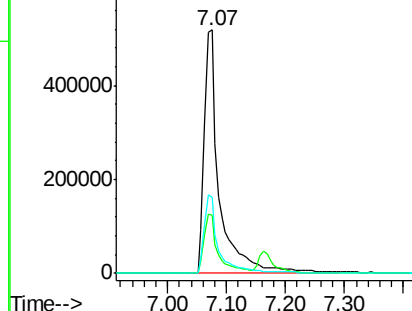
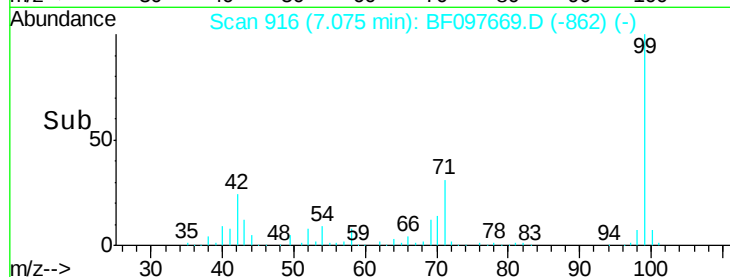
71 31.0 24.5 36.7



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: 10.39 ng

RT: 8.41 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF097669.D

Acq: 13 Aug 2017 12:14

Tgt Ion: 70 Resp: 69717

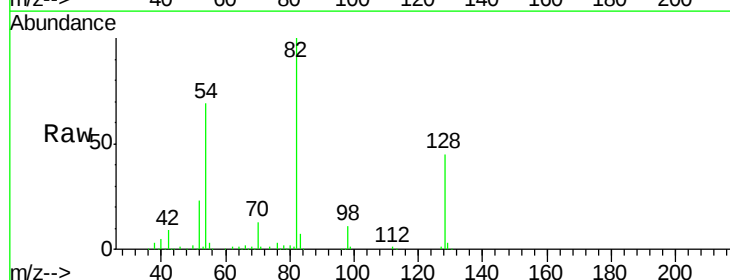
Ion Ratio Lower Upper

70 100

42 65.6 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

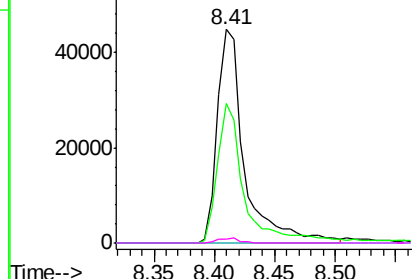
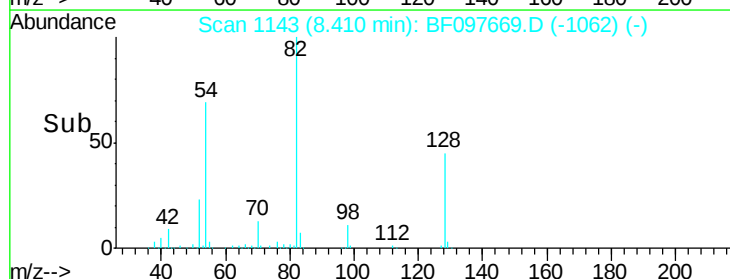


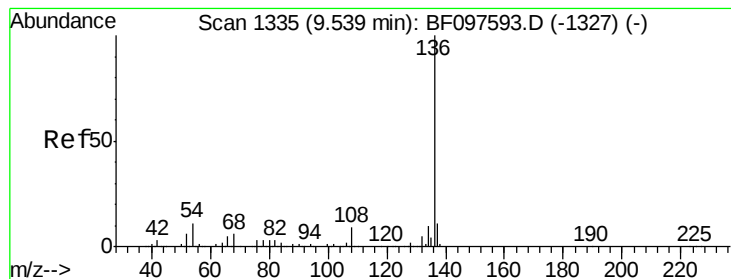
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097669.D

Acq: 13 Aug 2017 12:14

Instrument :

BNA_F

ClientSampleId :

E2-G10-BASE

Tot Ion:136 Resp: 494571

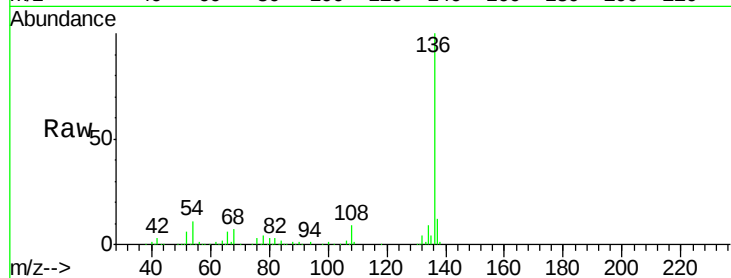
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 11.0 4.9 7.3#

68 6.8 4.1 6.1#

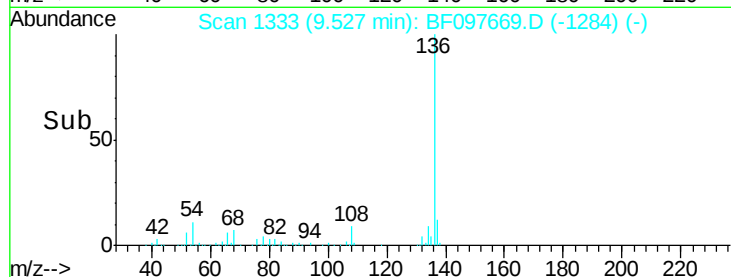


Abundance Ion 136.00 (135.70 to 136.70): E

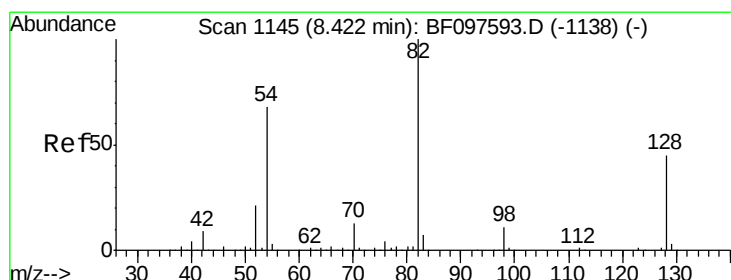
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 68.94 ng

RT: 8.41 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF097669.D

Acq: 13 Aug 2017 12:14

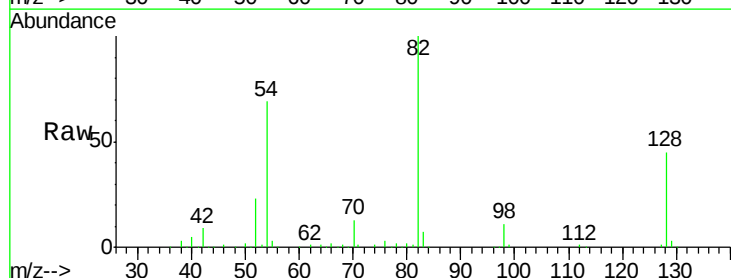
Tgt Ion: 82 Resp: 543730

Ion Ratio Lower Upper

82 100

128 44.6 34.0 51.0

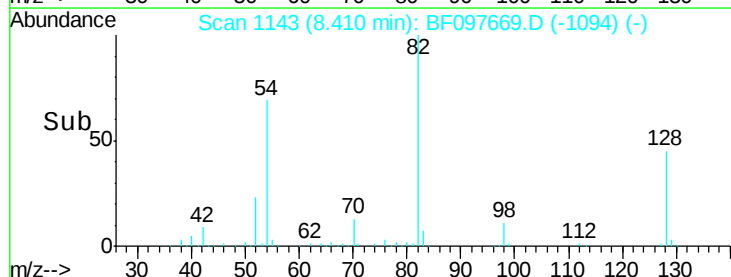
54 69.4 42.2 63.2#



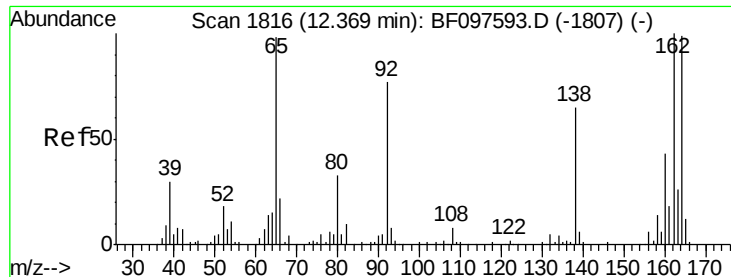
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.35 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF097669.D

Acq: 13 Aug 2017 12:14

Instrument :

BNA_F

ClientSampleId :

E2-G10-BASE

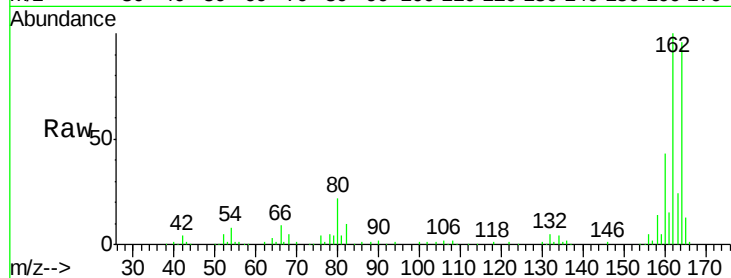
Tot Ion:164 Resp: 178269

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

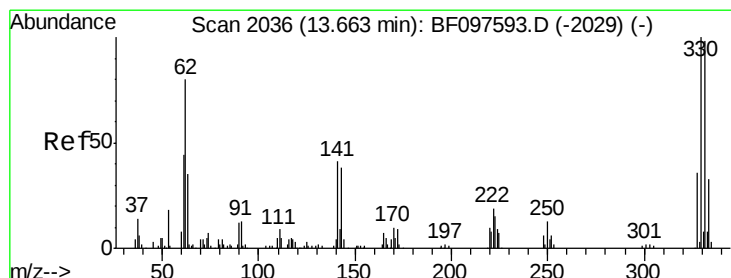
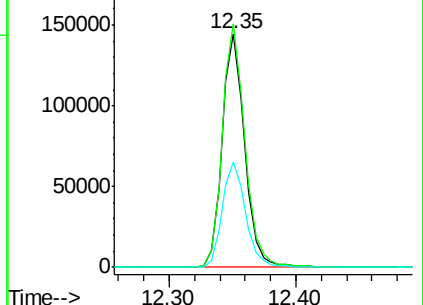
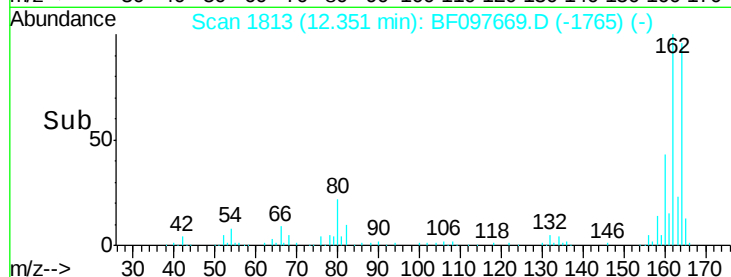
160 44.8 36.2 54.2



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: 73.51 ng

RT: 13.65 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF097669.D

Acq: 13 Aug 2017 12:14

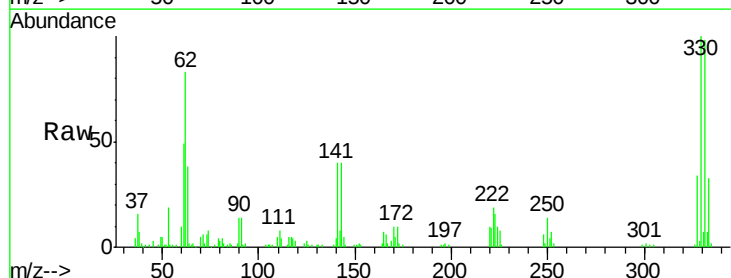
Tgt Ion:330 Resp: 99621

Ion Ratio Lower Upper

330 100

332 99.8 76.6 115.0

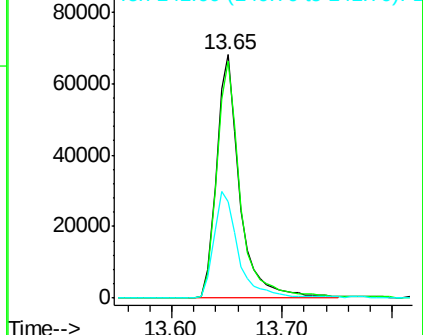
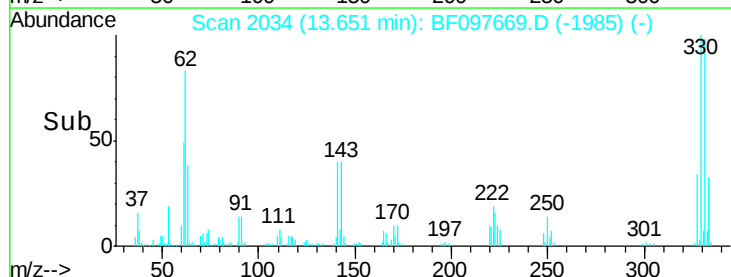
141 46.2 31.4 47.2

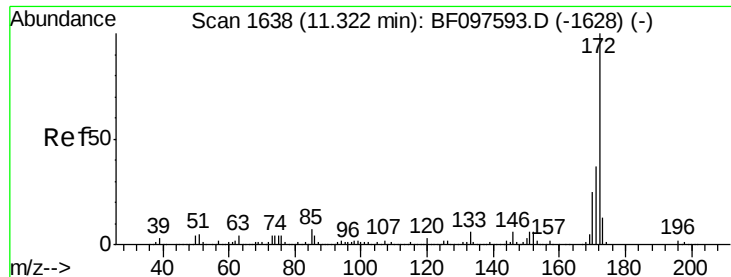


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

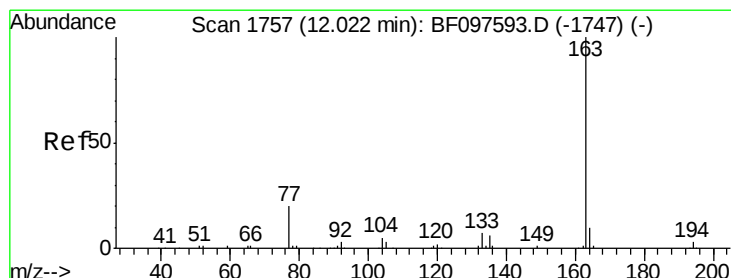
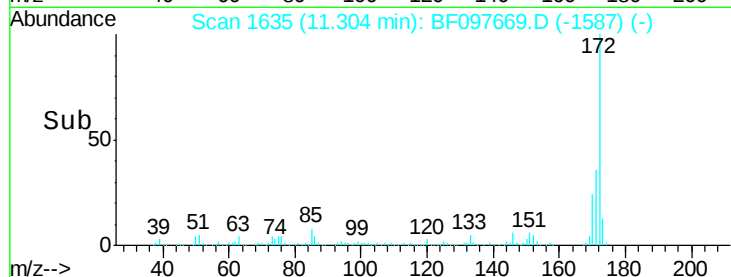
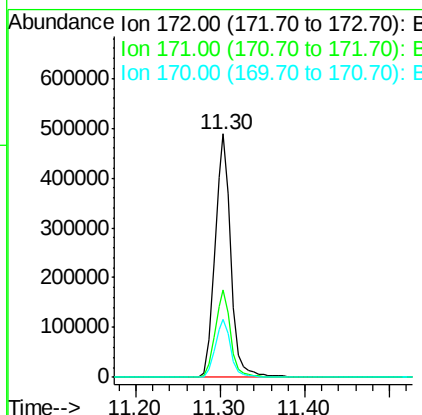
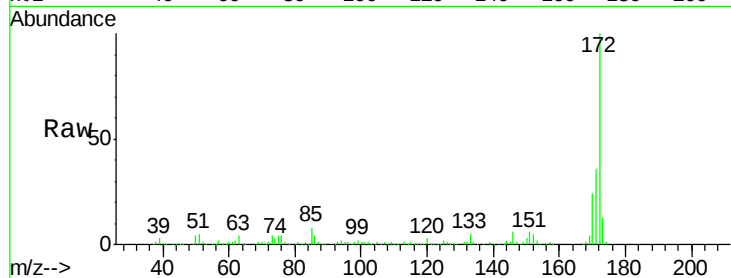




#44
2-Fluorobiphenyl
Concen: 54.93 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097669.D
Acq: 13 Aug 2017 12:14

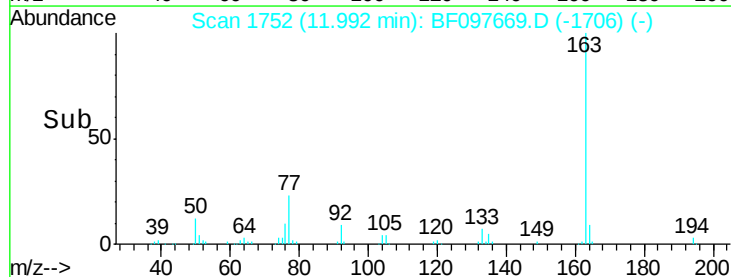
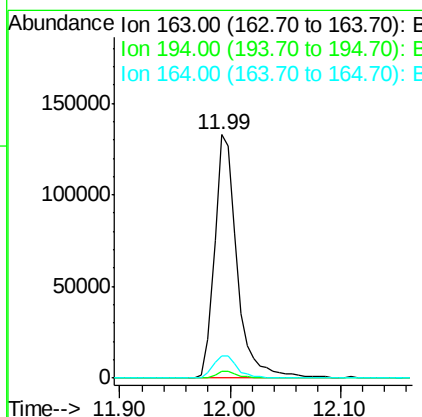
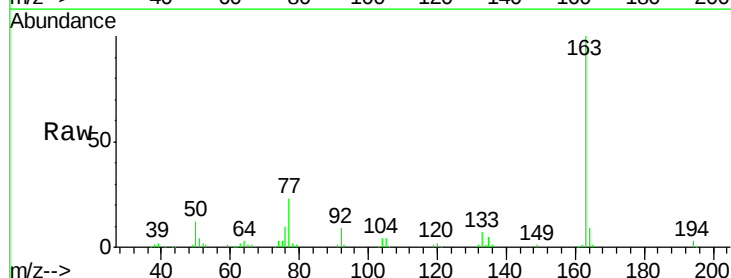
Instrument :
BNA_F
ClientSampleId :
E2-G10-BASE

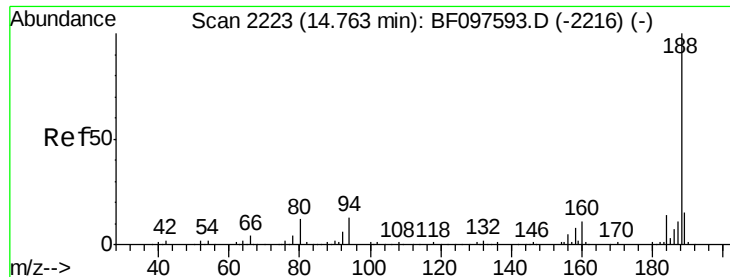
Tot Ion:172 Resp: 648893
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 13.61 ng
RT: 11.99 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BF097669.D
Acq: 13 Aug 2017 12:14

Tgt Ion:163 Resp: 186967
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.3 8.4 12.6

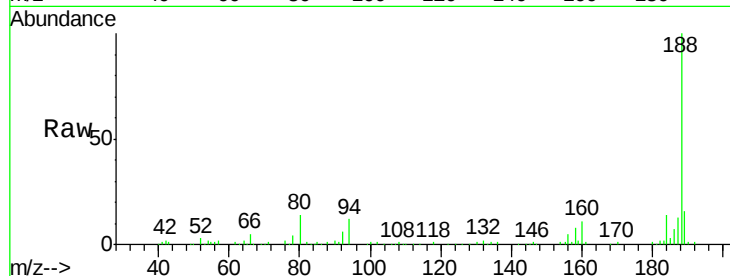




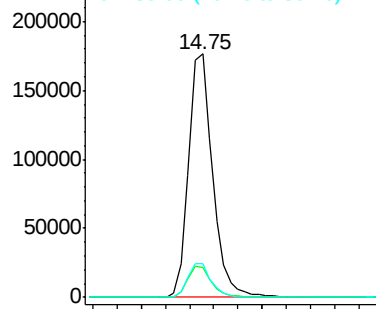
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097669.D
Acq: 13 Aug 2017 12:14

Instrument :
BNA_F
ClientSampleId :
E2-G10-BASE

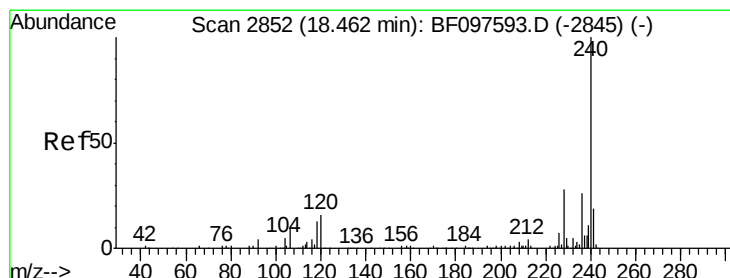
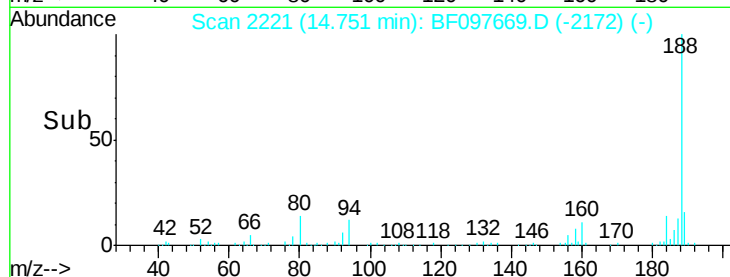
Tot Ion:188 Resp: 243102
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 13.6 10.2 15.2



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

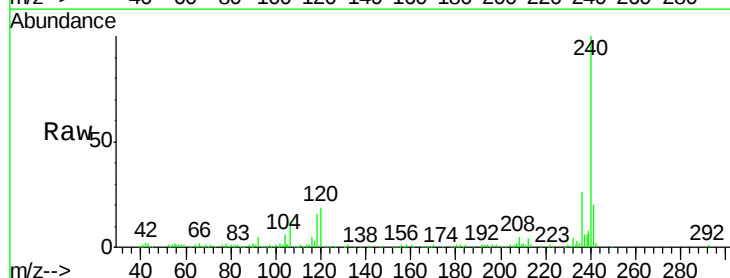


Time-->

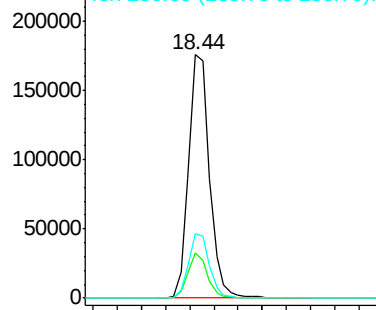


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.44 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF097669.D
Acq: 13 Aug 2017 12:14

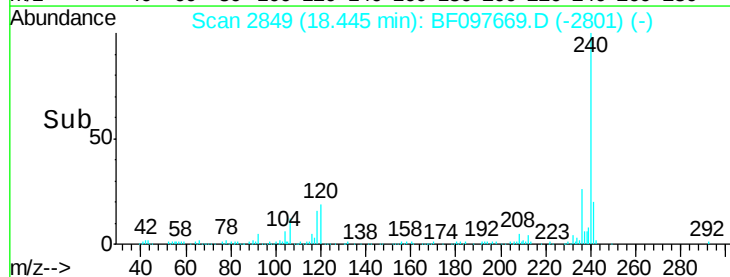
Tgt Ion:240 Resp: 208790
Ion Ratio Lower Upper
240 100
120 18.8 5.8 8.8#
236 26.4 20.5 30.7

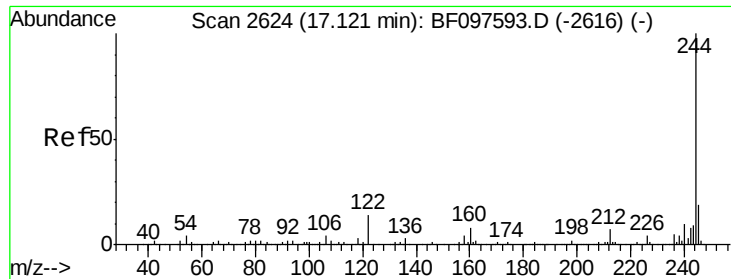


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

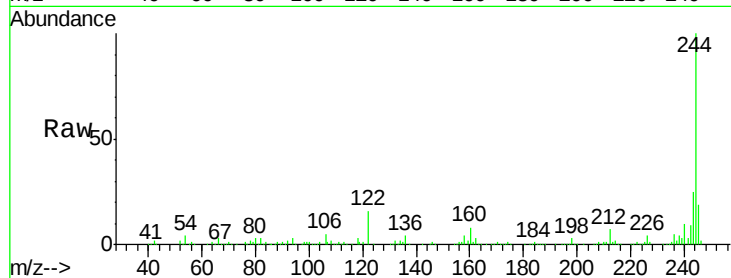




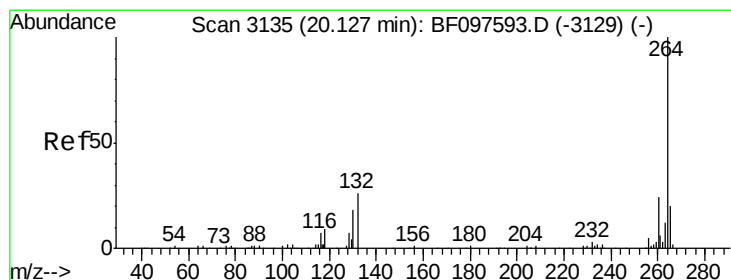
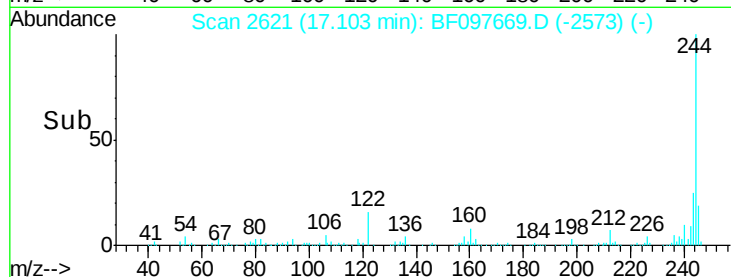
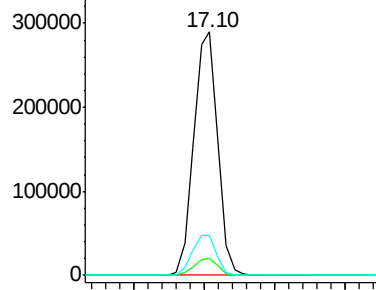
#78
 Terphenyl-d14
 Concen: 33.62 ng
 RT: 17.10 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF097669.D
 Acq: 13 Aug 2017 12:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-BASE

Tot Ion:244 Resp: 339209
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 16.4 10.3 15.5#

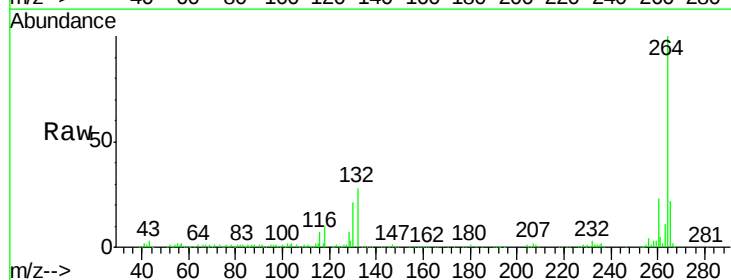


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF097669.D
 Acq: 13 Aug 2017 12:14

Tgt Ion:264 Resp: 183085
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 22.5 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

