

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062017\
 Data File : BF096078.D
 Acq On : 21 Jun 2017 11:01
 Operator : SJ/MA
 Sample : I3688-03RE 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G17-0-1.5RE

Quant Time: Jun 21 13:47:12 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

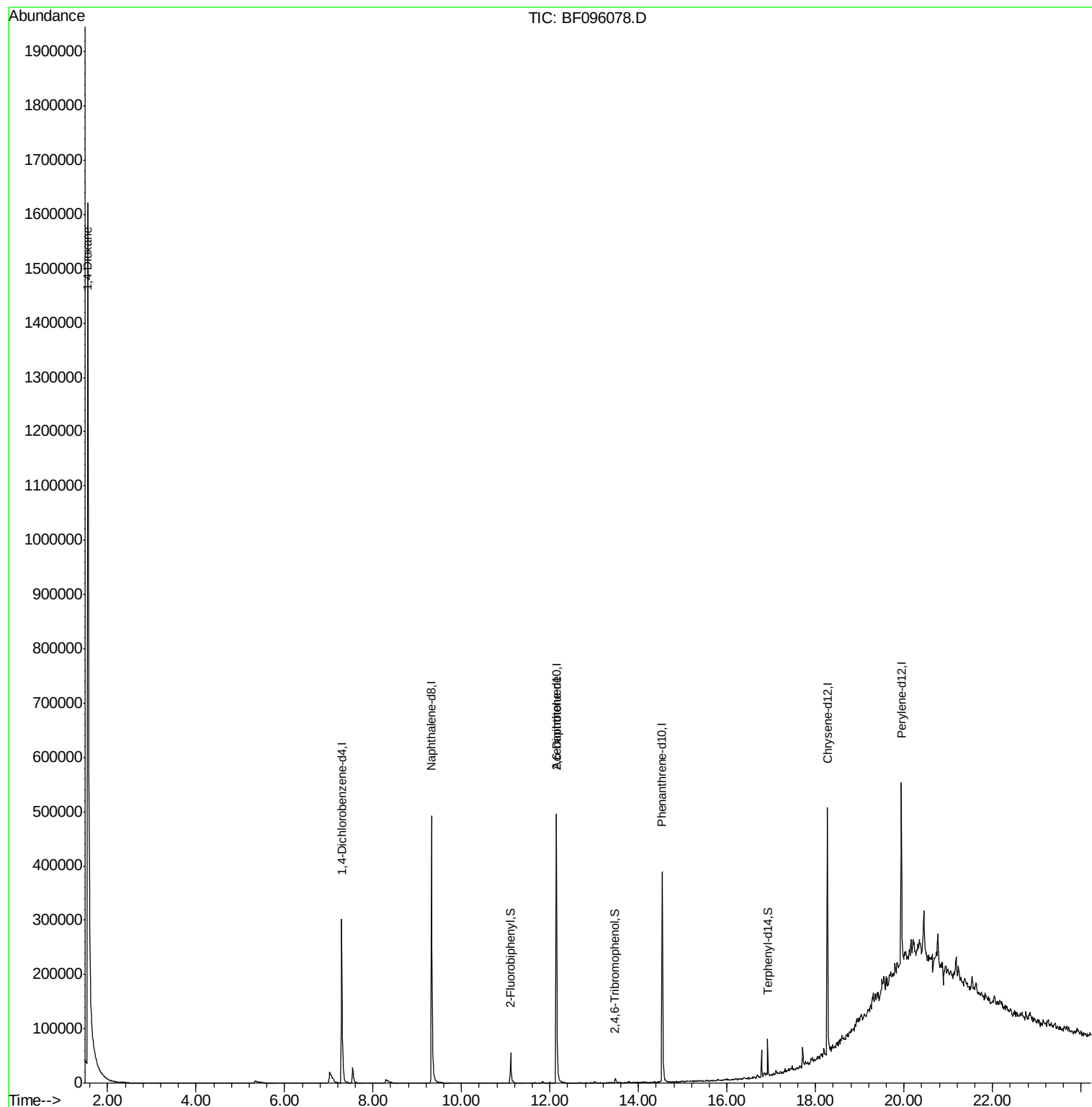
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	89209	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	396120	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	164061	20.00	ng	0.00
63) Phenanthrene-d10	14.53	188	246402	20.00	ng	0.00
75) Chrysene-d12	18.27	240	199520	20.00	ng	0.00
86) Perylene-d12	19.94	264	145257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	4448	0.79	ng	0.17
7) Phenol-d6	7.02	99	10487	1.56	ng	0.14
23) Nitrobenzene-d5	8.29	82	8957	1.40	ng	0.07
41) 2,4,6-Tribromophenol	13.48	330	3573	2.46	ng	0.03
44) 2-Fluorobiphenyl	11.11	172	38843	3.29	ng	0.00
78) Terphenyl-d14	16.92	244	25424	3.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.55	88	81167	30.476	ng	# 22
50) 2,6-Dinitrotoluene	12.14	165	21011	7.733	ng	# 31

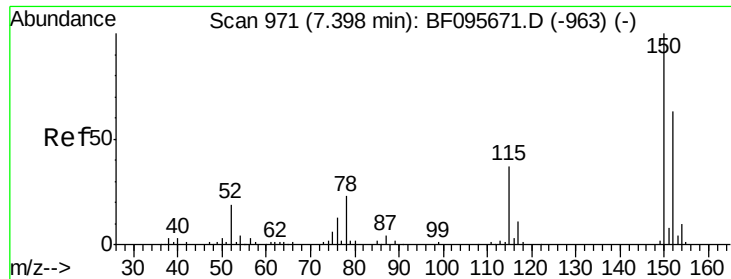
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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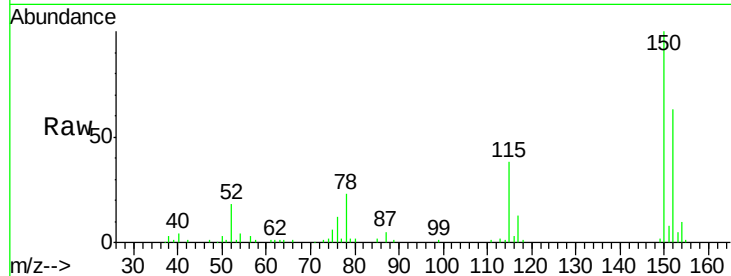


#1

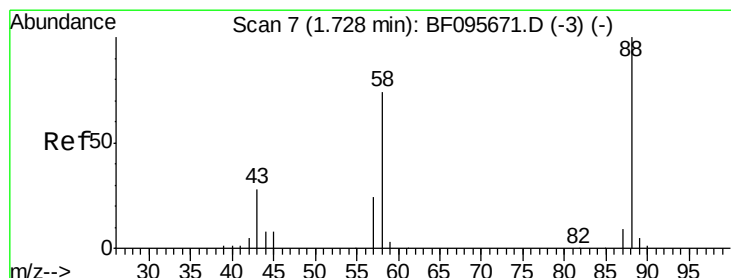
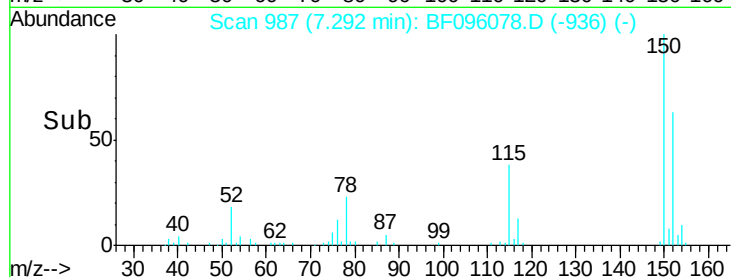
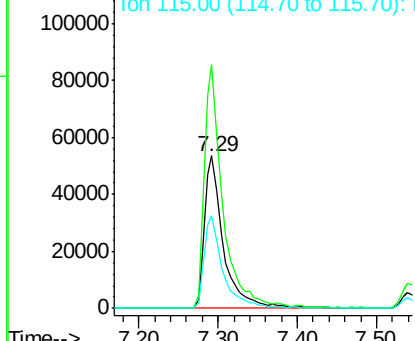
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.29 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF096078.D
 Acq: 21 Jun 2017 11:01

Instrument :
 BNA_F
 ClientSampleId :
 G17-0-1.5RE

Tgt Ion:152 Resp: 89209
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.2 189.2
 115 60.8 52.2 78.2



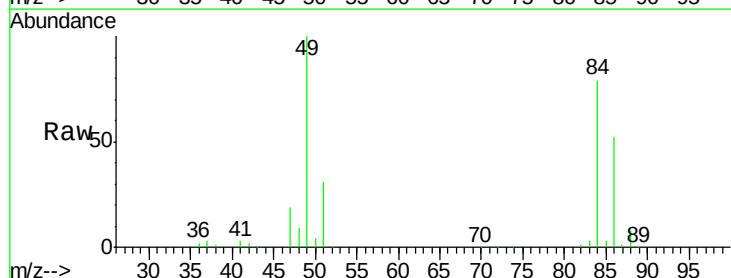
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



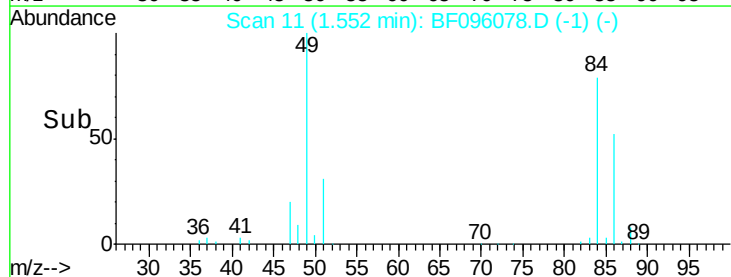
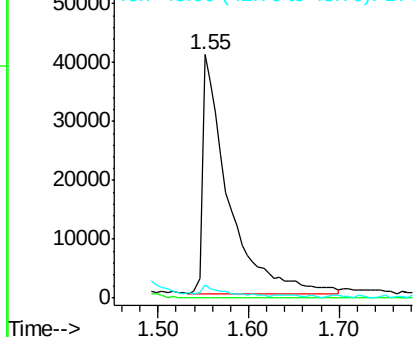
#2

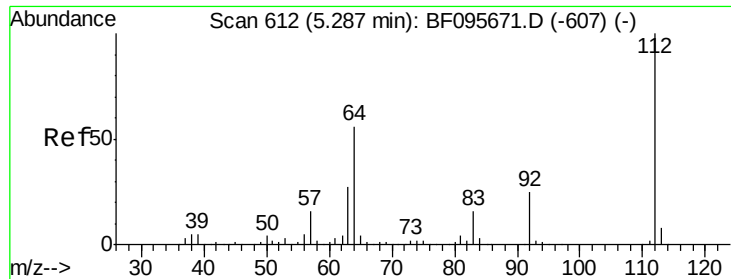
1,4-Dioxane
 Concen: 30.476 ng
 RT: 1.55 min Scan# 11
 Delta R.T. -0.06 min
 Lab File: BF096078.D
 Acq: 21 Jun 2017 11:01

Tgt Ion: 88 Resp: 81167
 Ion Ratio Lower Upper
 88 100
 58 0.0 61.4 92.0#
 43 3.4 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 0.795 ng

RT: 5.35 min Scan# 657

Delta R.T. 0.17 min

Lab File: BF096078.D

Acq: 21 Jun 2017 11:01

Instrument :

BNA_F

ClientSampleId :

G17-0-1.5RE

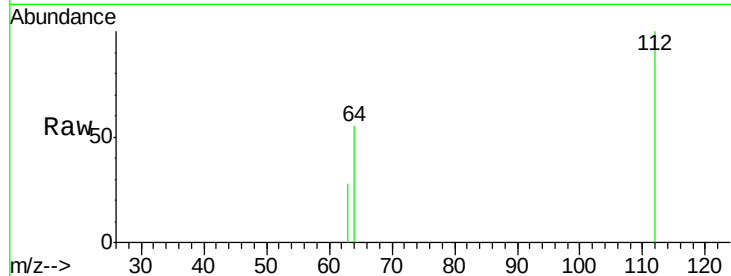
Tgt Ion: 112 Resp: 4448

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

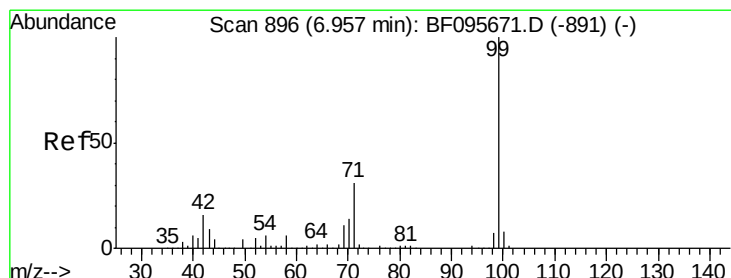
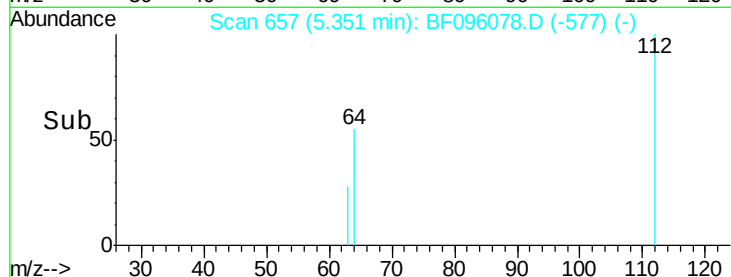
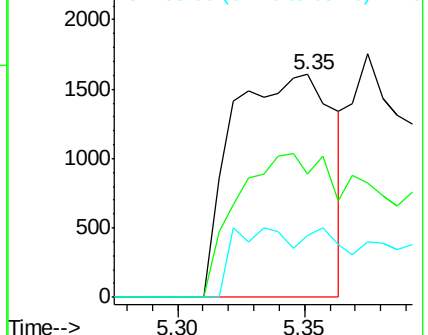
63 27.9 23.4 35.0



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: 1.565 ng

RT: 7.02 min Scan# 940

Delta R.T. 0.14 min

Lab File: BF096078.D

Acq: 21 Jun 2017 11:01

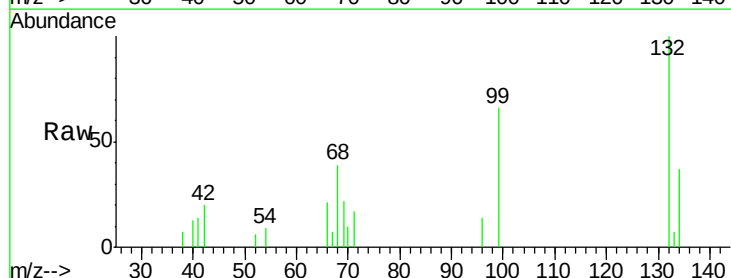
Tgt Ion: 99 Resp: 10487

Ion Ratio Lower Upper

99 100

42 31.1 13.5 20.3#

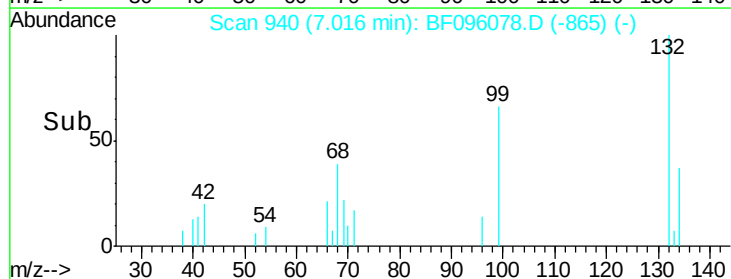
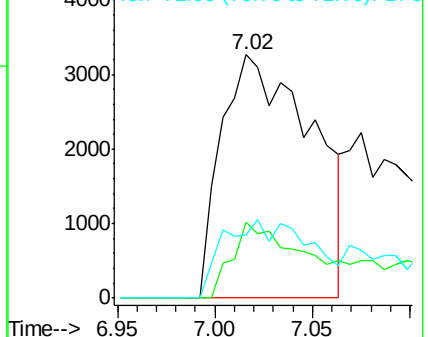
71 25.7 24.5 36.7

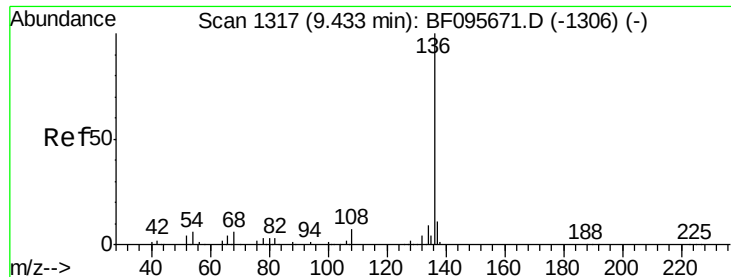


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096078.D

Acq: 21 Jun 2017 11:01

Instrument :

BNA_F

ClientSampleId :

G17-0-1.5RE

Tgt Ion:136 Resp: 396120

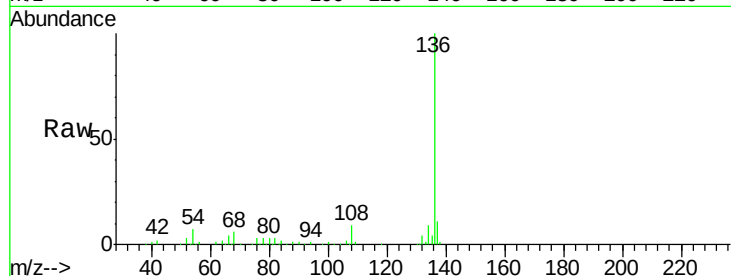
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 5.8 4.1 6.1

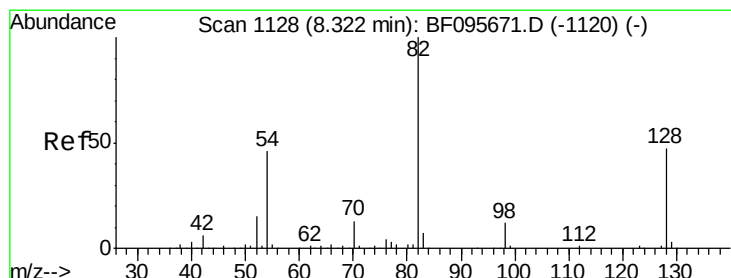
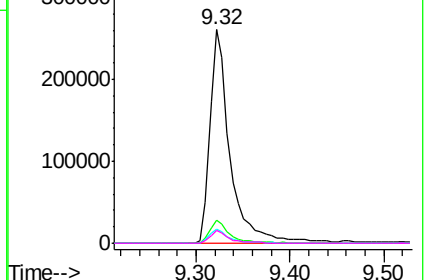
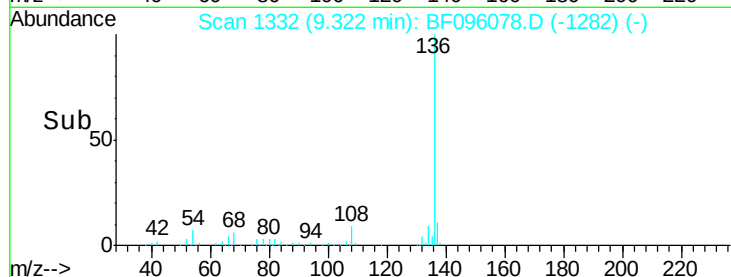


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 1.404 ng

RT: 8.29 min Scan# 1157

Delta R.T. 0.07 min

Lab File: BF096078.D

Acq: 21 Jun 2017 11:01

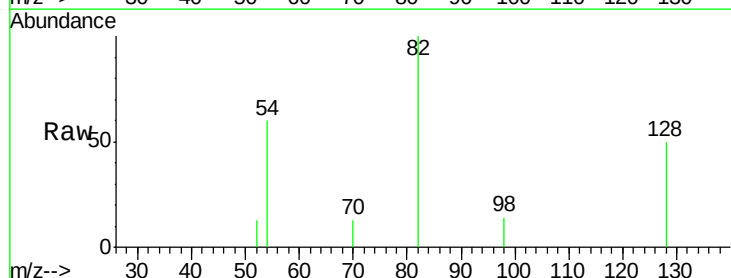
Tgt Ion: 82 Resp: 8957

Ion Ratio Lower Upper

82 100

128 49.8 34.0 51.0

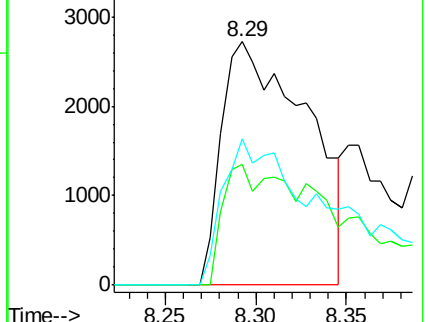
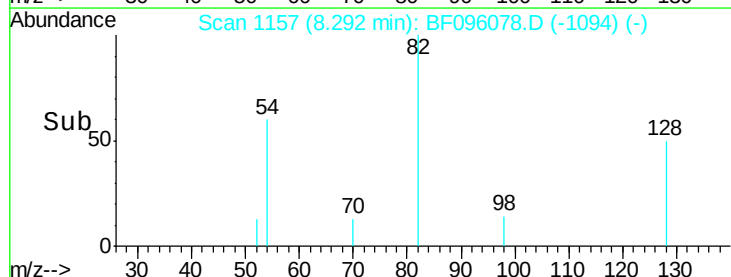
54 60.0 42.2 63.2

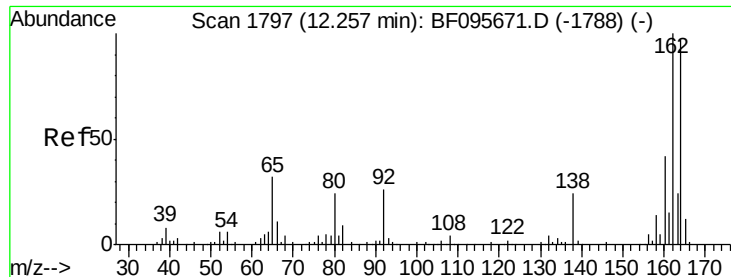


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.15 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF096078.D

Acq: 21 Jun 2017 11:01

Instrument :

BNA_F

ClientSampleId :

G17-0-1.5RE

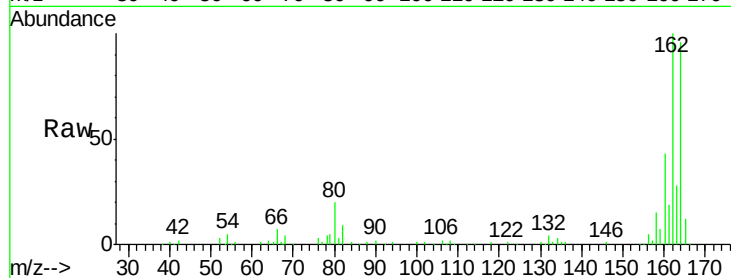
Tgt Ion:164 Resp: 164061

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

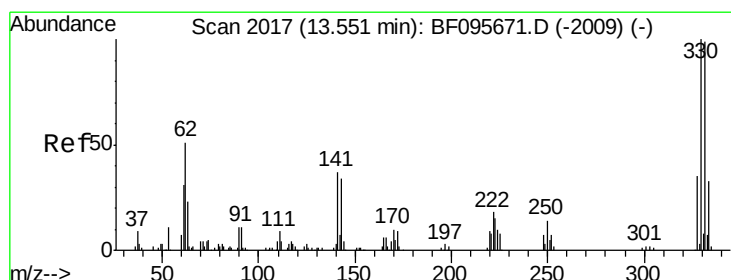
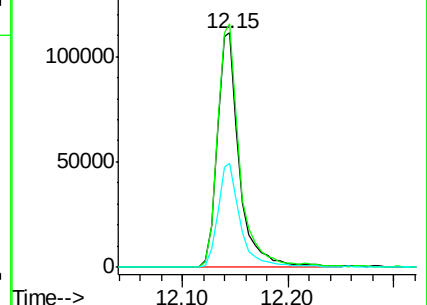
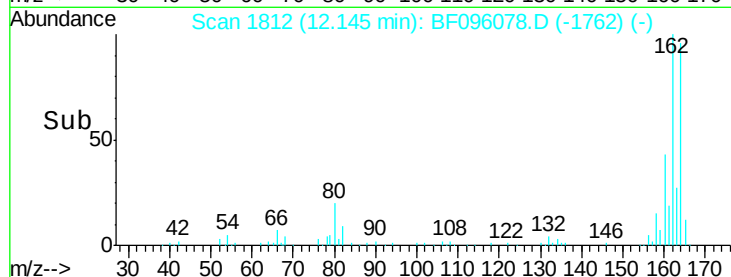
160 44.5 36.2 54.2



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: 2.461 ng

RT: 13.48 min Scan# 2039

Delta R.T. 0.03 min

Lab File: BF096078.D

Acq: 21 Jun 2017 11:01

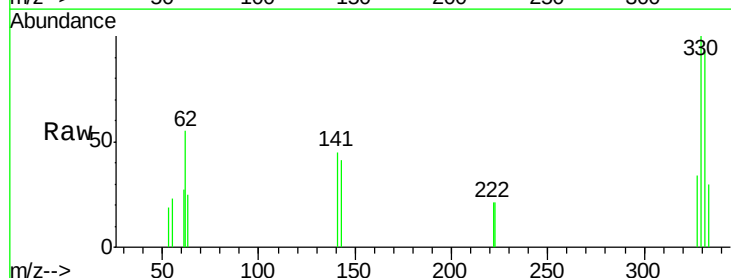
Tgt Ion:330 Resp: 3573

Ion Ratio Lower Upper

330 100

332 94.5 76.6 115.0

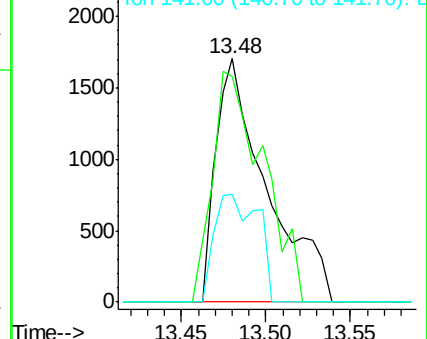
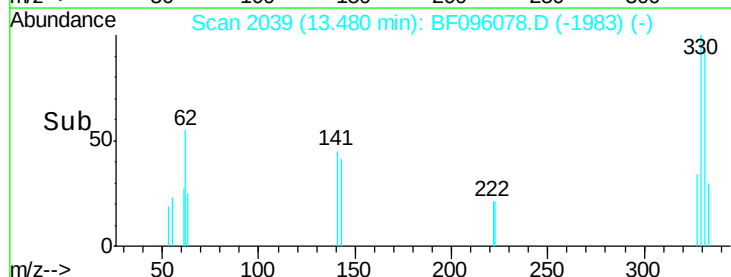
141 37.8 31.4 47.2

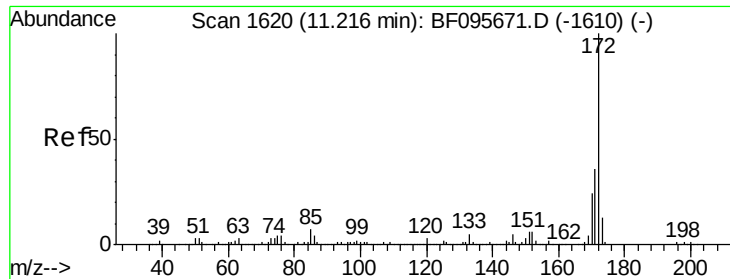


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

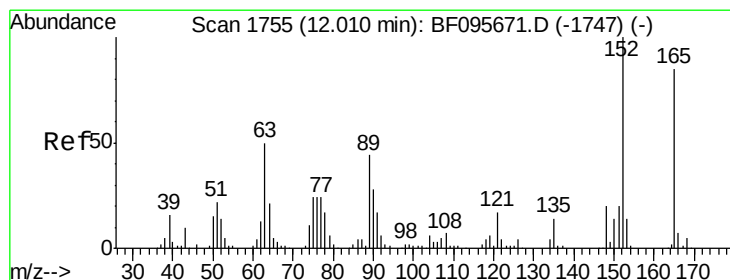
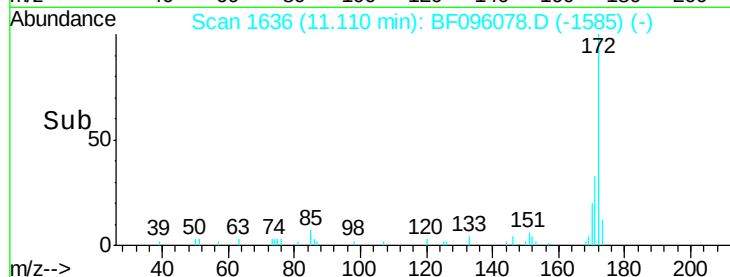
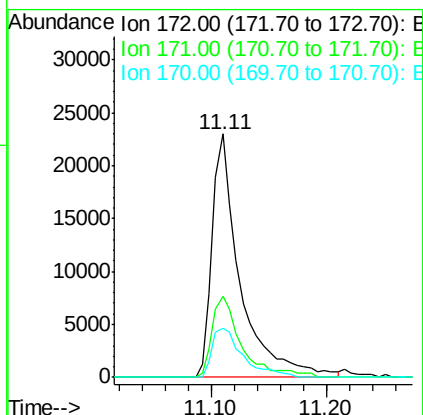
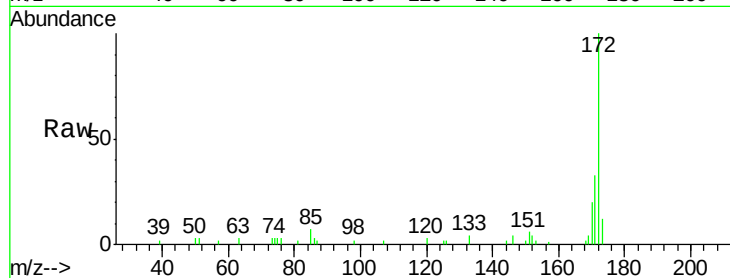




#44
2-Fluorobiphenyl
Concen: 3.295 ng
RT: 11.11 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BF096078.D
Acq: 21 Jun 2017 11:01

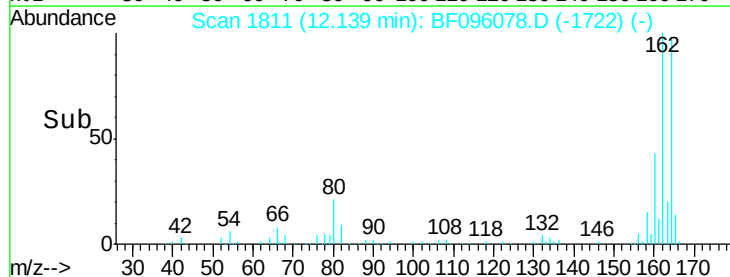
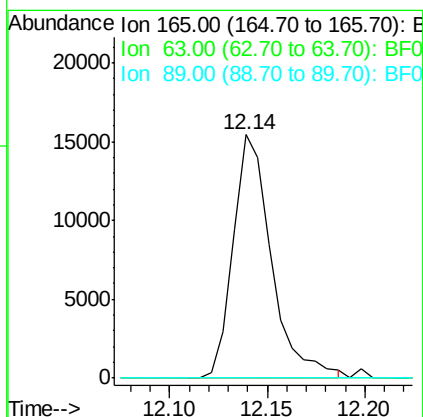
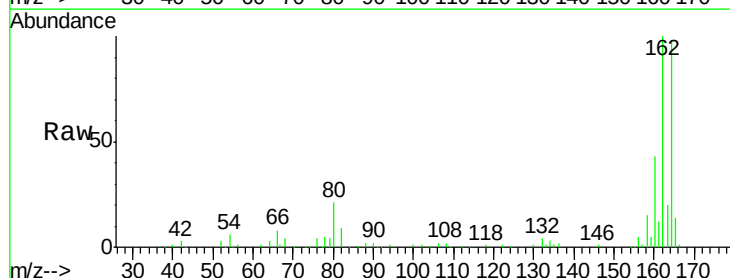
Instrument :
BNA_F
ClientSampleId :
G17-0-1.5RE

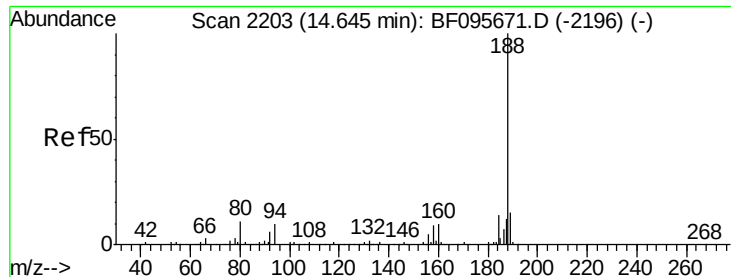
Tgt Ion:172 Resp: 38843
Ion Ratio Lower Upper
172 100
171 33.4 29.6 44.4
170 20.0 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.733 ng
RT: 12.14 min Scan# 1811
Delta R.T. 0.22 min
Lab File: BF096078.D
Acq: 21 Jun 2017 11:01

Tgt Ion:165 Resp: 21011
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

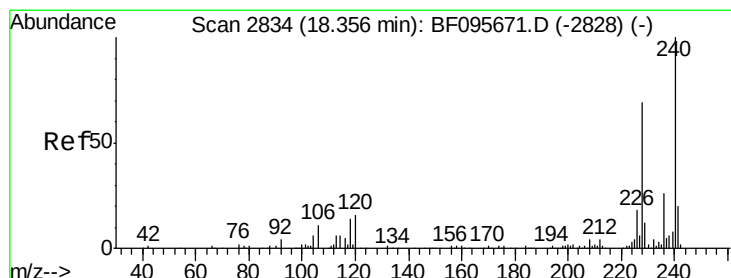
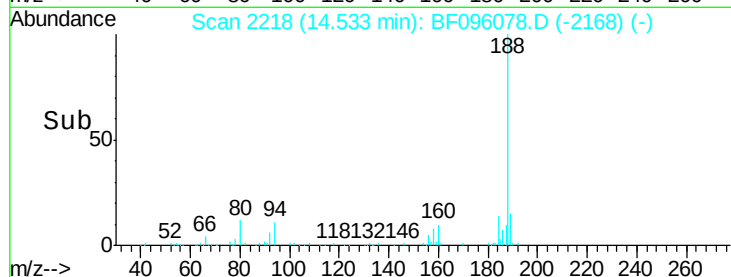
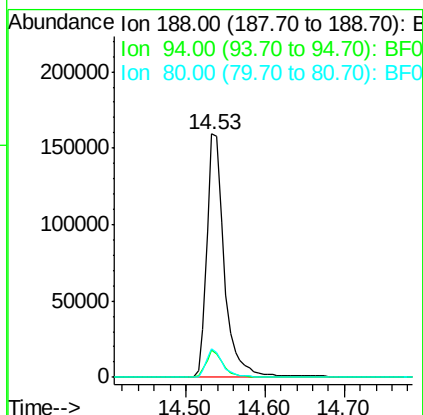
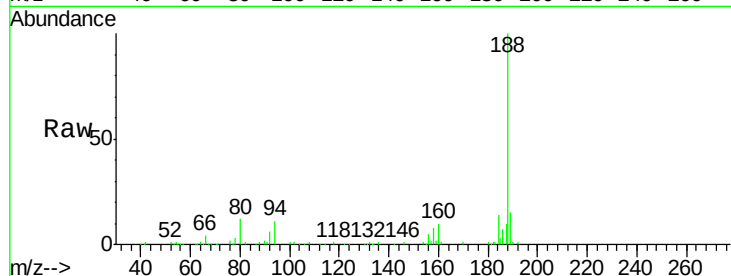




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096078.D
Acq: 21 Jun 2017 11:01

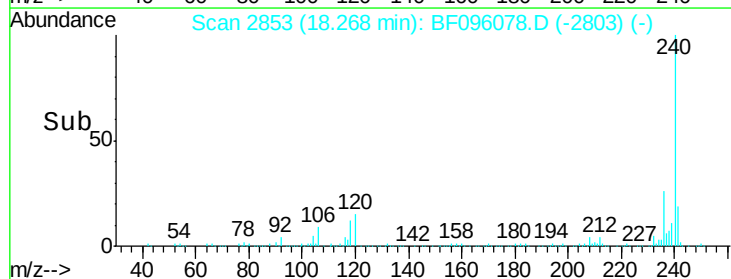
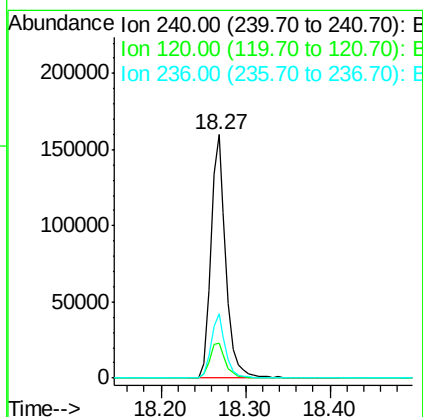
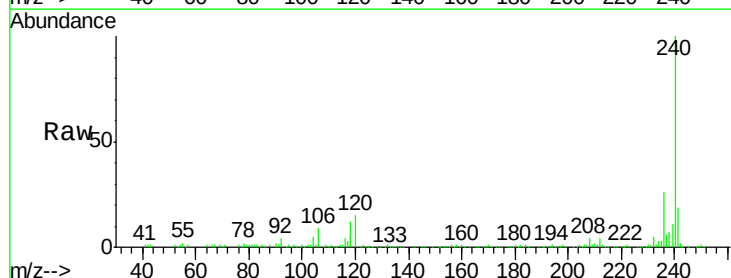
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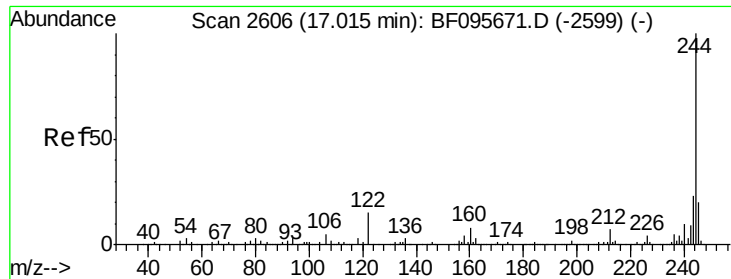
Tgt Ion:188 Resp: 246402
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096078.D
Acq: 21 Jun 2017 11:01

Tgt Ion:240 Resp: 199520
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 26.4 20.5 30.7

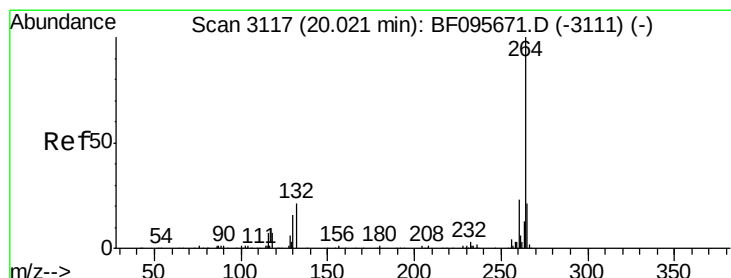
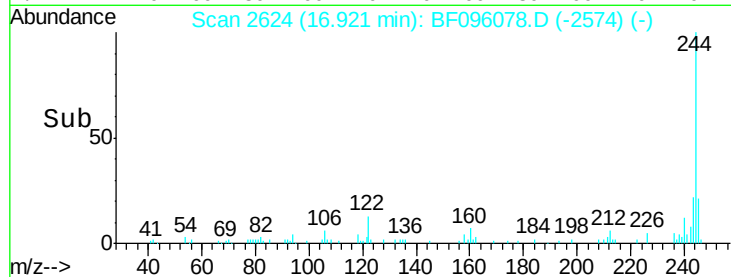
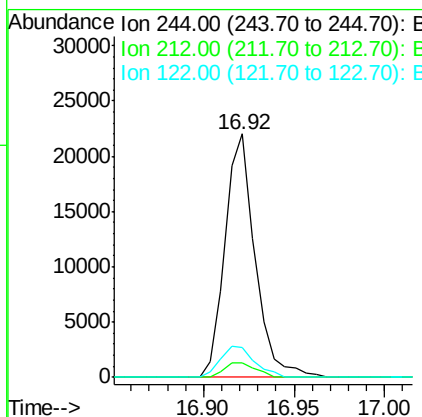
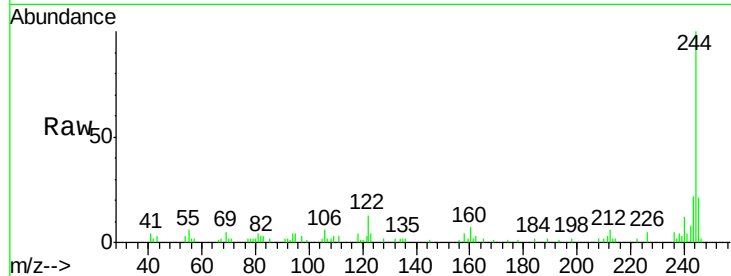




#78
 Terphenyl-d14
 Concen: 3.162 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096078.D
 Acq: 21 Jun 2017 11:01

Instrument :
 BNA_F
 ClientSampleId :
 G17-0-1.5RE

Tgt Ion: 244 Resp: 25424
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.0 9.0
 122 12.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 19.94 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BF096078.D
 Acq: 21 Jun 2017 11:01

Tgt Ion: 264 Resp: 145257
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 22.1 17.2 25.8

