

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095957.D
 Acq On : 16 Jun 2017 16:00
 Operator : SJ/MA
 Sample : I3693-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:01:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

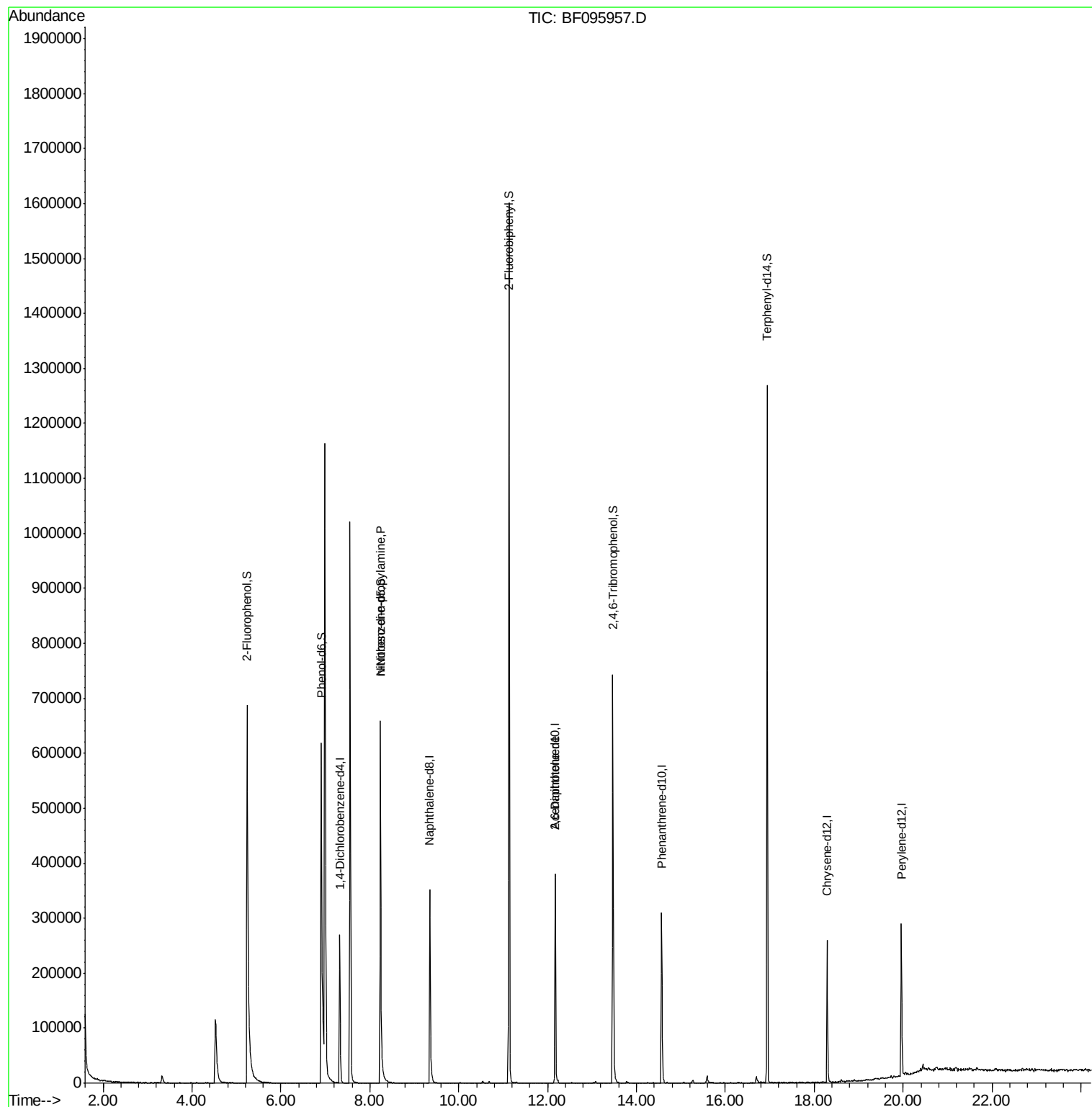
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63029	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	258468	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	112892	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	180724	20.00	ng	0.00
75) Chrysene-d12	18.29	240	125444	20.00	ng	0.00
86) Perylene-d12	19.96	264	127809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	485988	122.86	ng	0.02
7) Phenol-d6	6.90	99	530054	111.93	ng	0.00
23) Nitrobenzene-d5	8.24	82	379245	91.12	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	129185	129.34	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	726608	89.57	ng	0.00
78) Terphenyl-d14	16.94	244	485844	96.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.24	70	48840	16.27	ng	# 74
50) 2,6-Dinitrotoluene	12.17	165	14585	7.80	ng	# 31

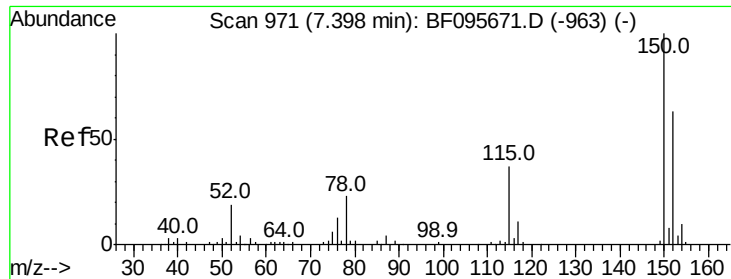
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095957.D
Acq On : 16 Jun 2017 16:00
Operator : SJ/MA
Sample : I3693-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 16 23:01:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration



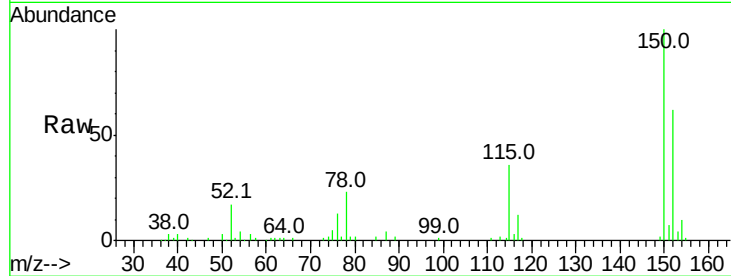


#1

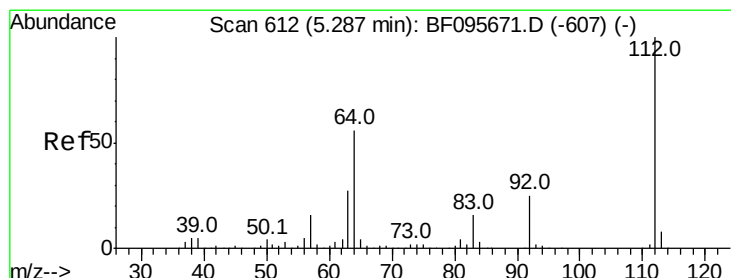
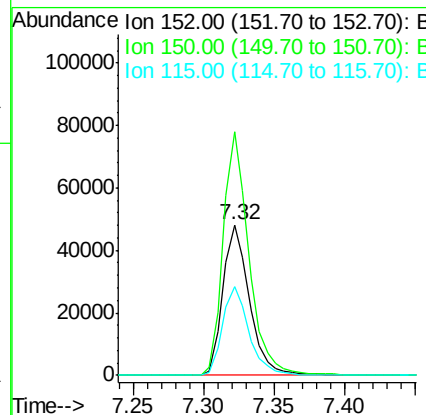
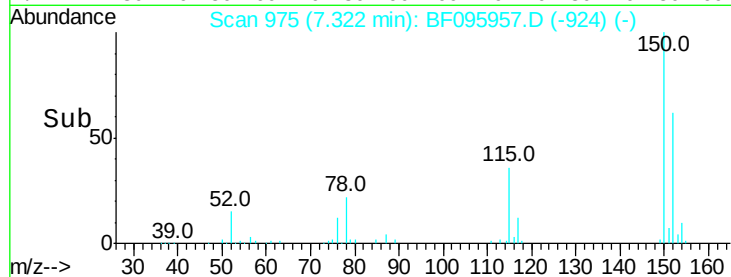
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF095957.D
Acq: 16 Jun 2017 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63029
Ion Ratio Lower Upper
152 100
150 161.7 126.2 189.2
115 58.9 52.2 78.2



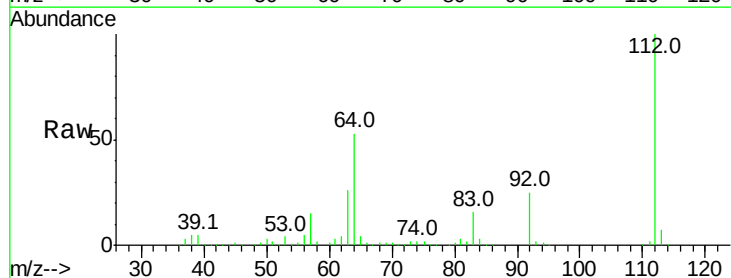
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



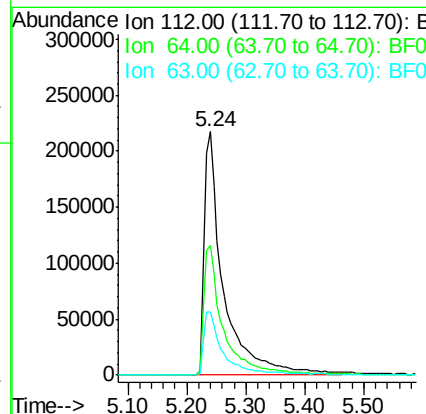
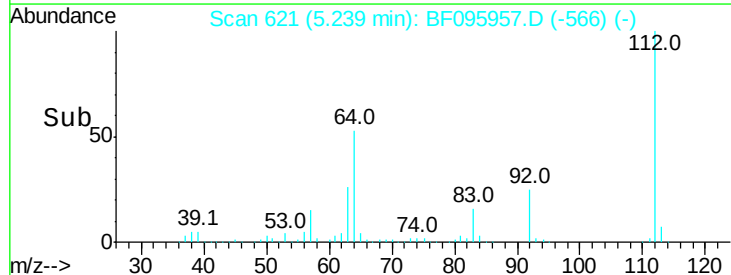
#5

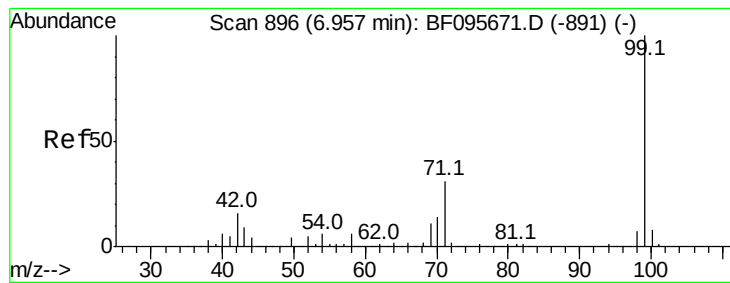
2-Fluorophenol
Concen: 122.86 ng
RT: 5.24 min Scan# 621
Delta R.T. 0.02 min
Lab File: BF095957.D
Acq: 16 Jun 2017 16:00

Tgt Ion:112 Resp: 485988
Ion Ratio Lower Upper
112 100
64 53.4 46.0 69.0
63 25.9 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: 111.93 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

Instrument :

BNA_F

ClientSampled :

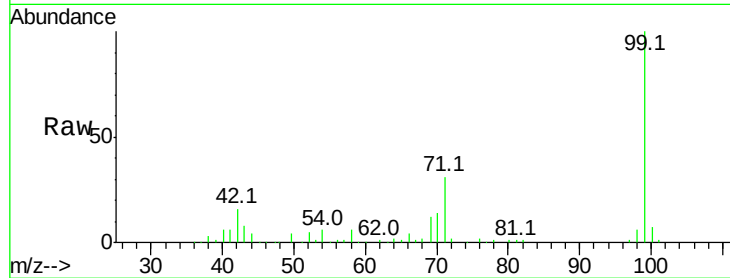
Tot Ion: 99 Resp: 530054

Ion Ratio Lower Upper

99 100

42 16.0 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

6.90

250000

200000

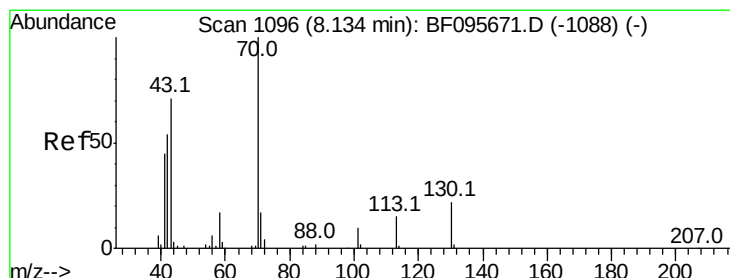
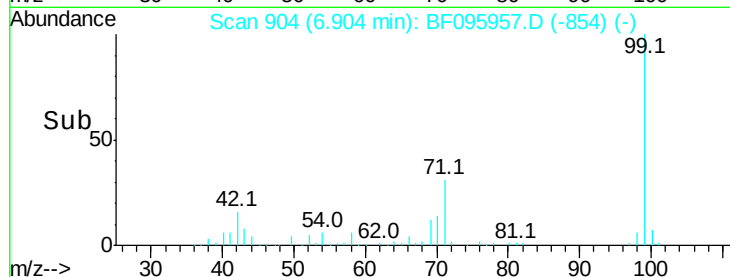
150000

100000

50000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 16.27 ng

RT: 8.24 min Scan# 1131

Delta R.T. 0.17 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

Tgt Ion: 70 Resp: 48840

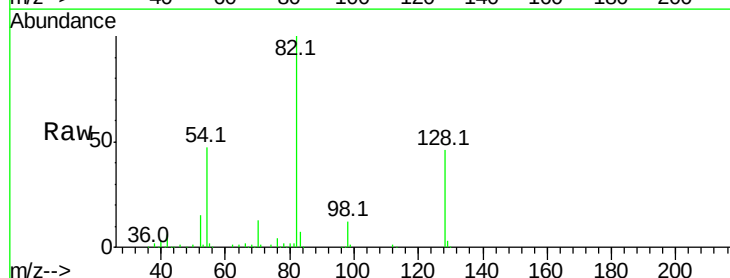
Ion Ratio Lower Upper

70 100

42 41.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 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

8.24

50000

40000

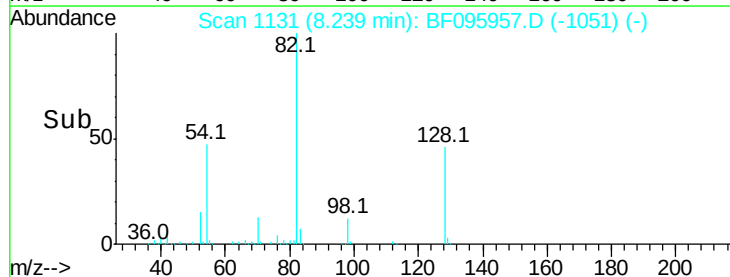
30000

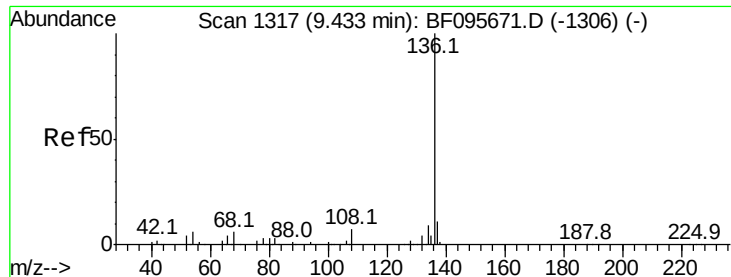
20000

10000

0

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 258468

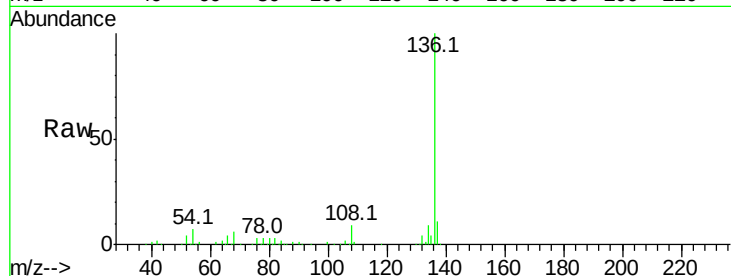
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 6.1 4.1 6.1

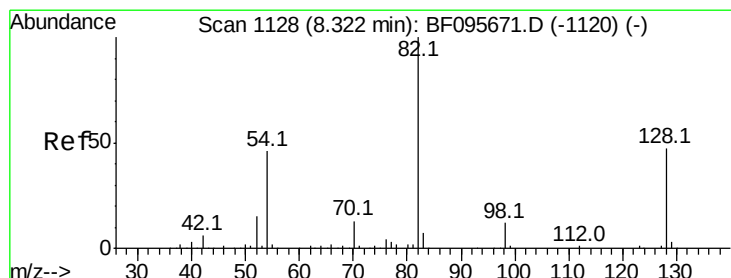
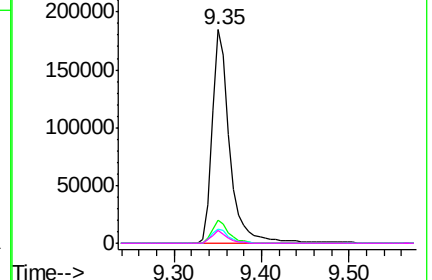
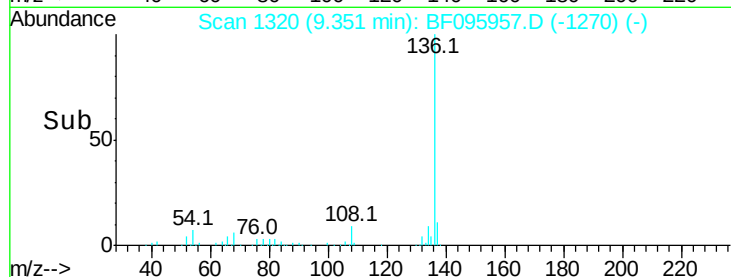


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.12 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

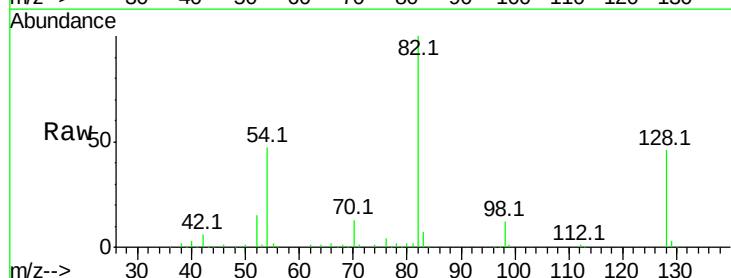
Tgt Ion: 82 Resp: 379245

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

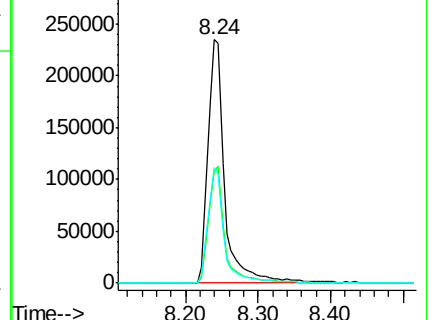
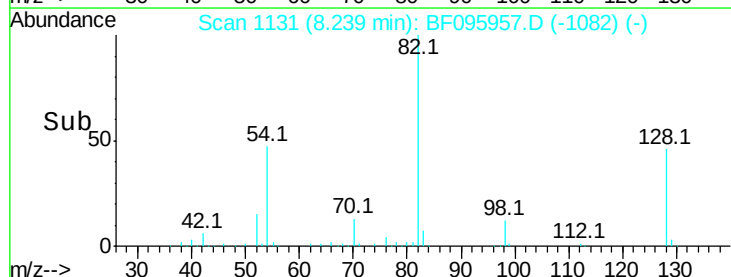
54 47.5 42.2 63.2

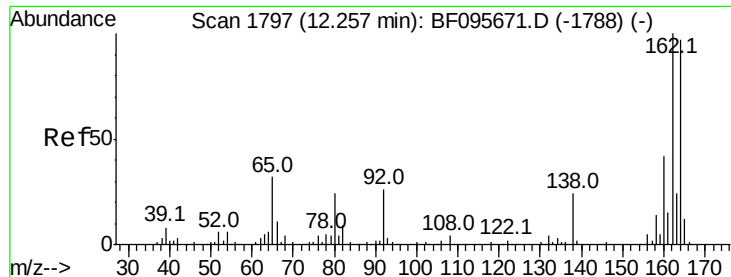


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.17 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

Instrument :

BNA_F

ClientSampleId :

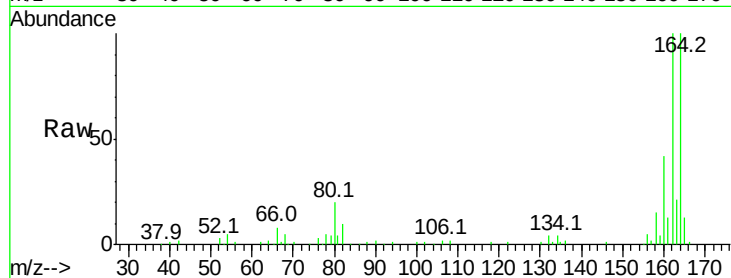
Tot Ion:164 Resp: 112892

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

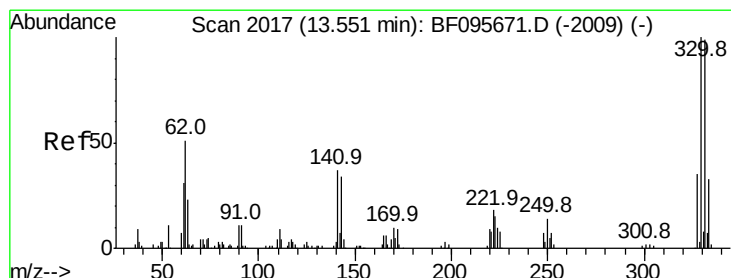
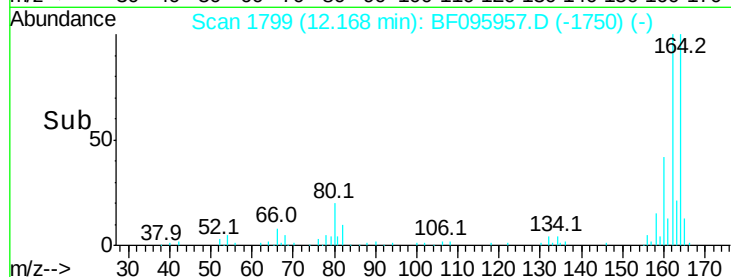
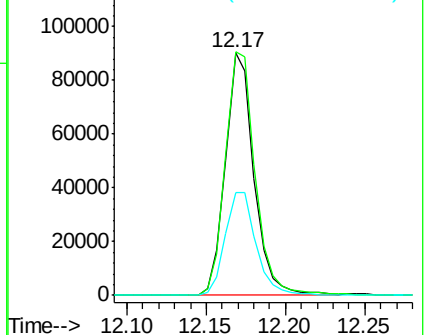
160 42.6 36.2 54.2



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: 129.34 ng

RT: 13.47 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF095957.D

Acq: 16 Jun 2017 16:00

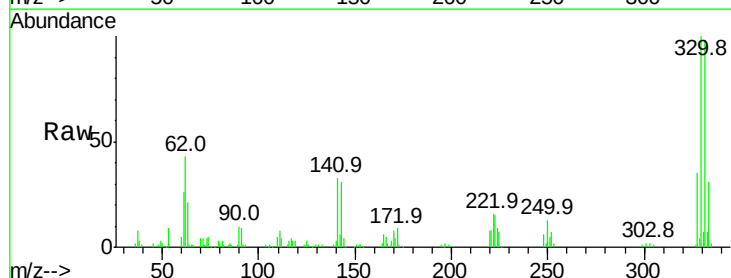
Tgt Ion:330 Resp: 129185

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

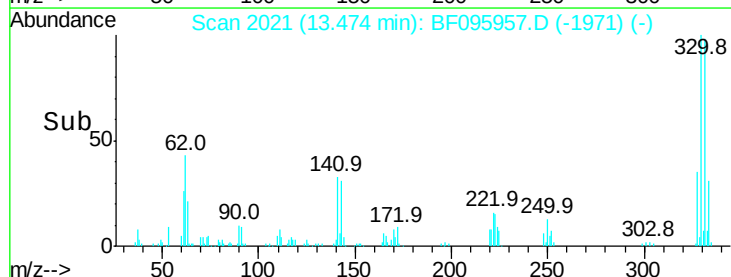
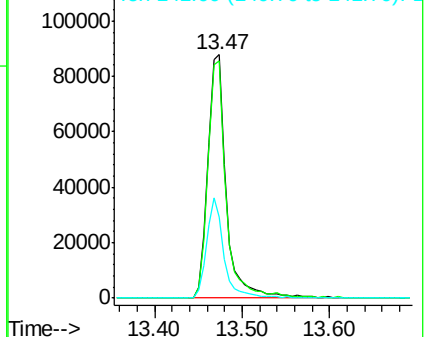
141 38.4 31.4 47.2

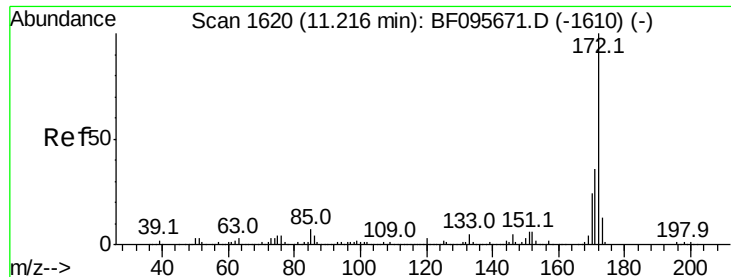


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

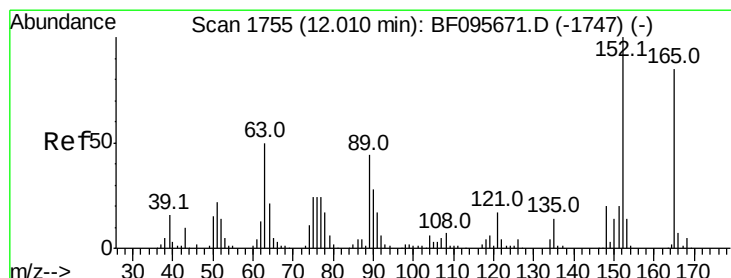
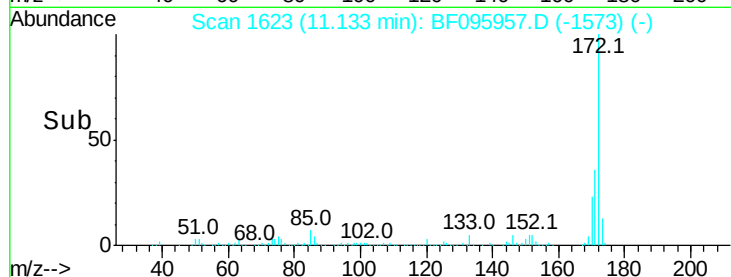
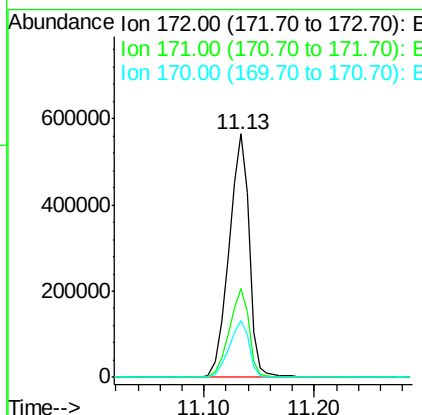
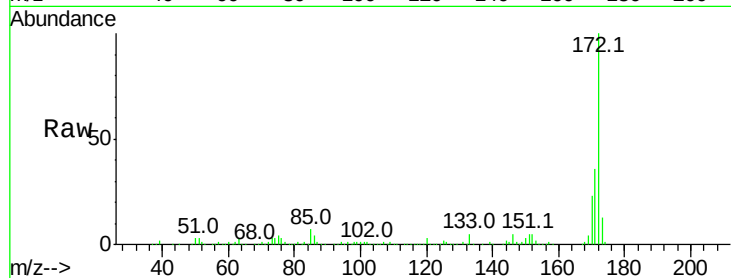




#44
 2-Fluorobiphenyl
 Concen: 89.57 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095957.D
 Acq: 16 Jun 2017 16:00

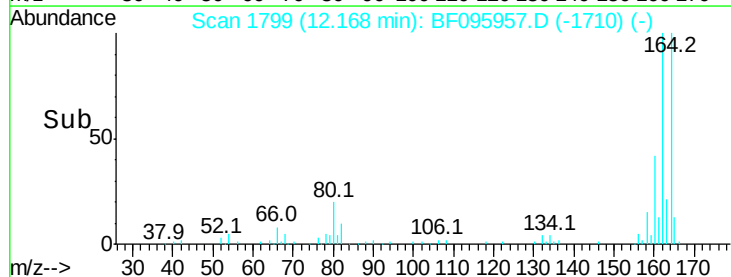
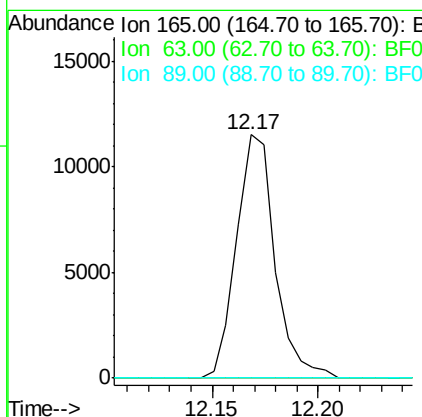
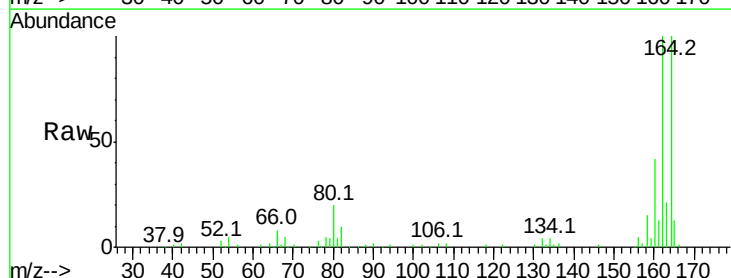
Instrument :
 BNA_F
 ClientSampleId :

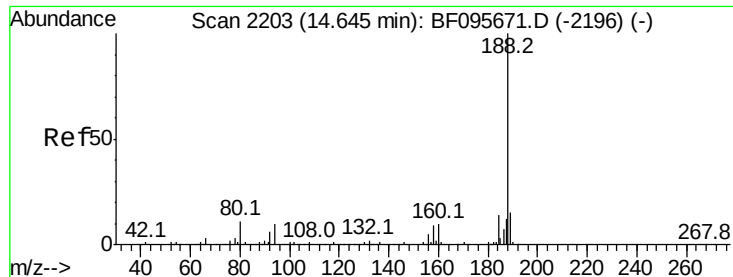
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.3	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. 0.22 min
 Lab File: BF095957.D
 Acq: 16 Jun 2017 16:00

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

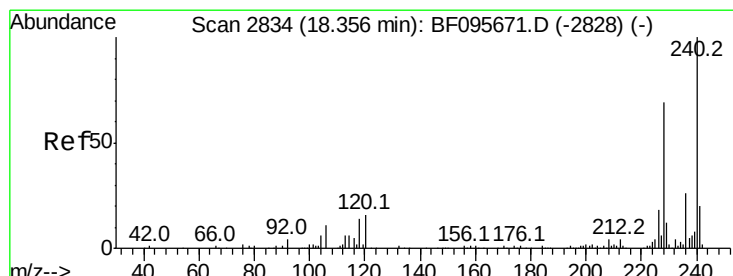
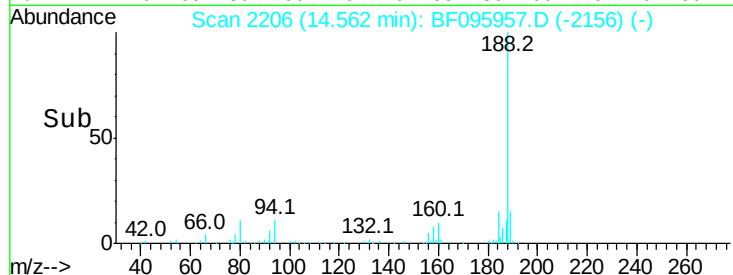
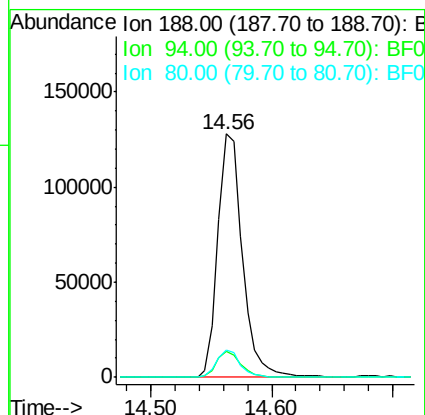
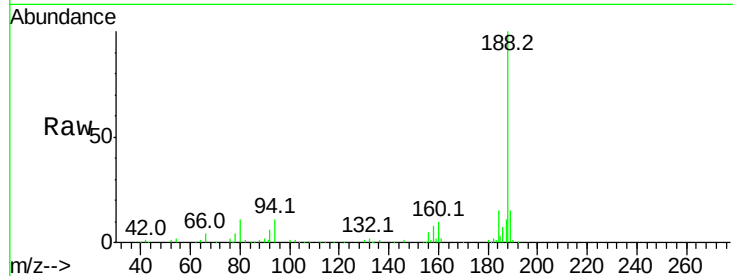




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095957.D
Acq: 16 Jun 2017 16:00

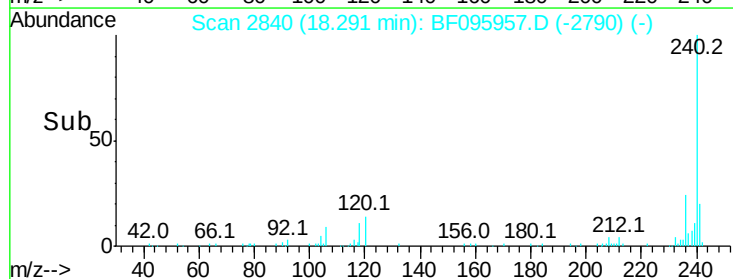
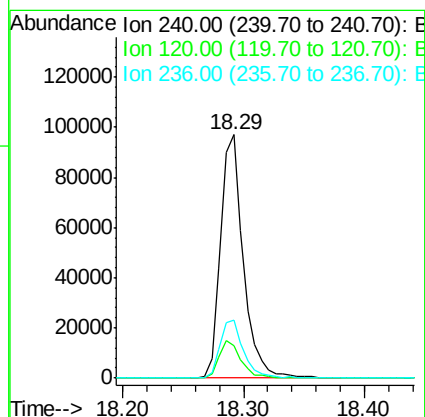
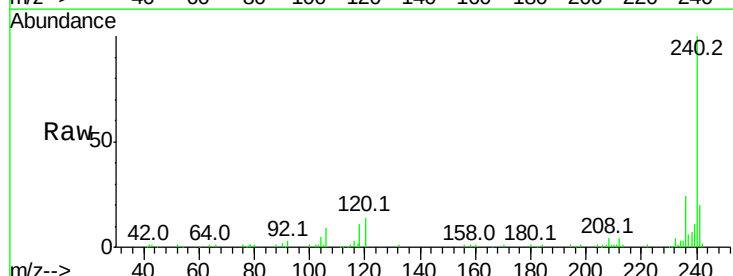
Instrument :
BNA_F
ClientSampleId :

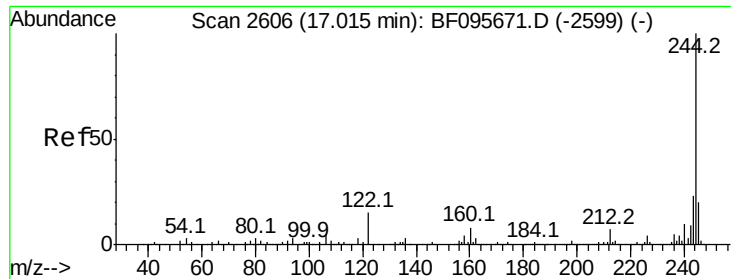
Tot Ion:188 Resp: 180724
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095957.D
Acq: 16 Jun 2017 16:00

Tgt Ion:240 Resp: 125444
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 24.0 20.5 30.7

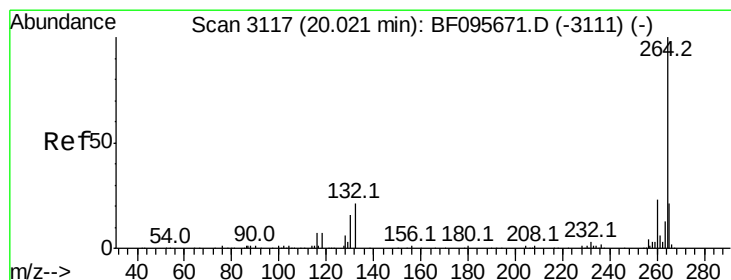
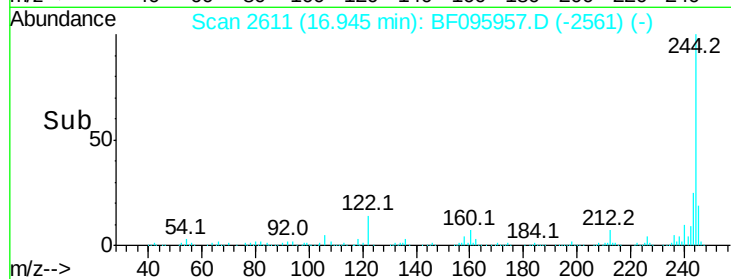
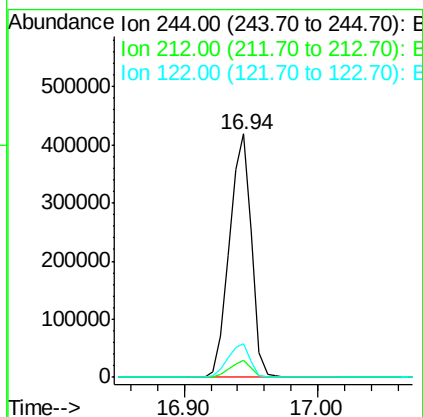
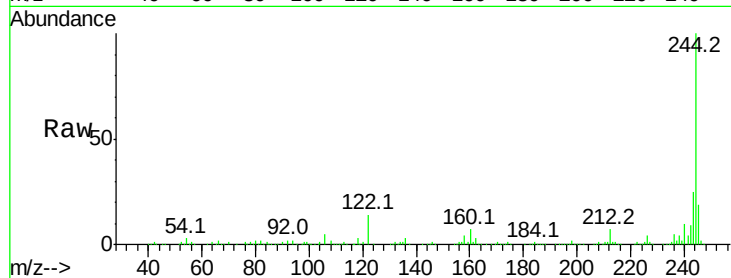




#78
 Terphenyl-d14
 Concen: 96.12 ng
 RT: 16.94 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF095957.D
 Acq: 16 Jun 2017 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 485844
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095957.D
 Acq: 16 Jun 2017 16:00

Tgt Ion:264 Resp: 127809
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 17.2 25.8

