

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095606.D
 Acq On : 1 Jun 2017 21:16
 Operator : SJ/MA
 Sample : I3384-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 01:26:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

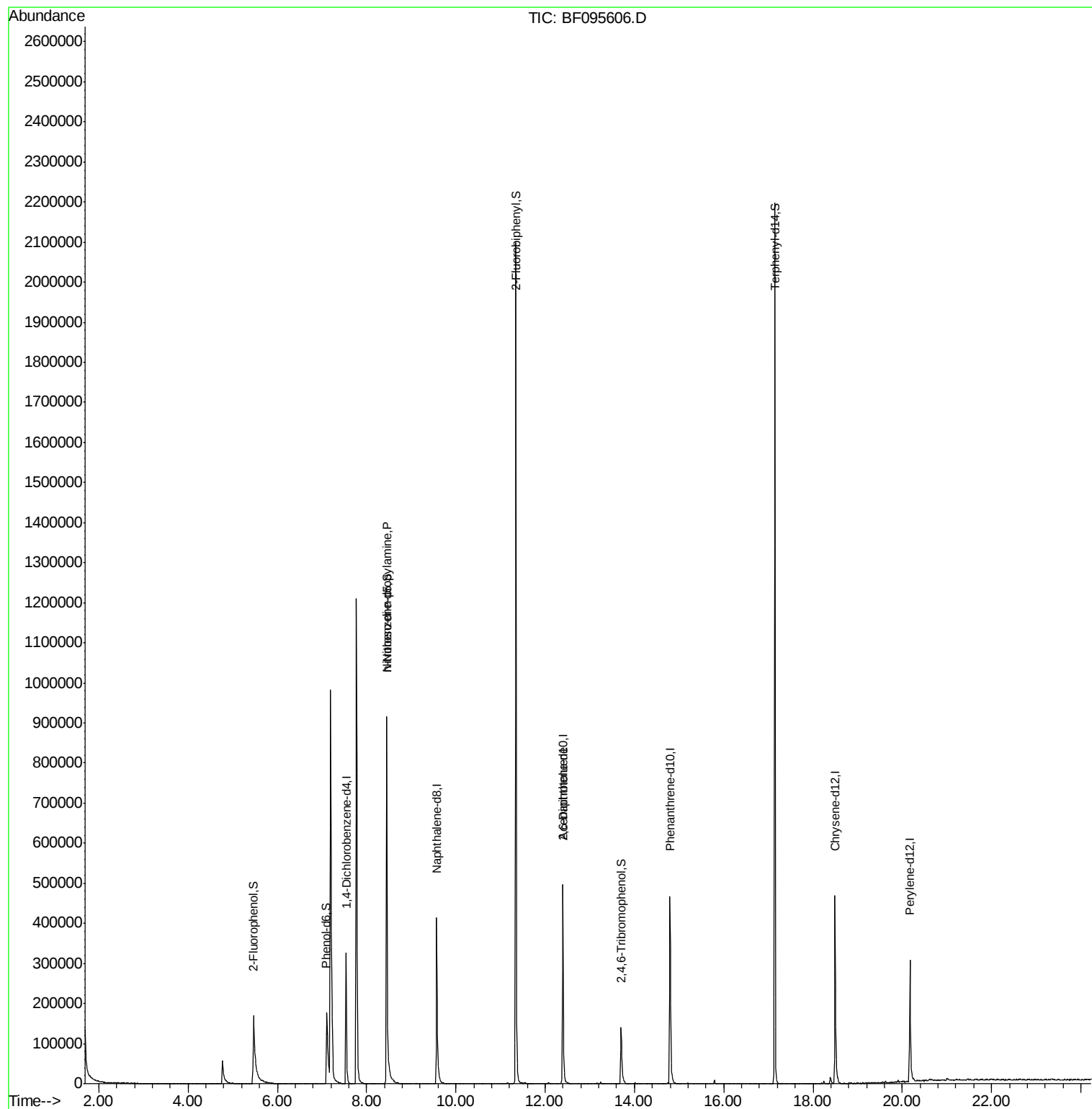
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	85337	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	347447	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	163001	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	308654	20.00	ng	0.00
75) Chrysene-d12	18.49	240	253564	20.00	ng	0.00
86) Perylene-d12	20.17	264	173015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	175735	34.33	ng	0.02
7) Phenol-d6	7.10	99	216955	35.33	ng	0.00
23) Nitrobenzene-d5	8.45	82	497242	90.24	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	36344	27.23	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1003580	88.62	ng	0.00
78) Terphenyl-d14	17.15	244	925991	80.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	60806	14.64	ng	# 75
50) 2,6-Dinitrotoluene	12.39	165	19596	7.18	ng	# 31

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
Data File : BF095606.D
Acq On : 1 Jun 2017 21:16
Operator : SJ/MA
Sample : I3384-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 02 01:26:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

Instrument :
BNA_F
ClientSampleId :

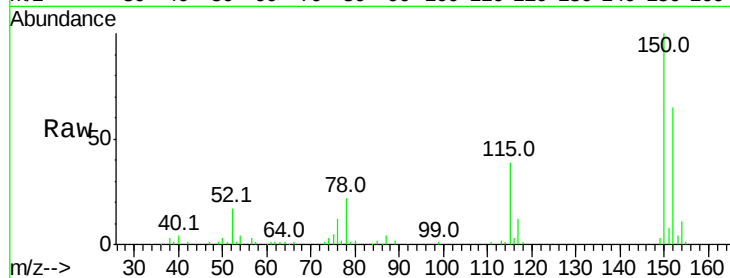
Tot Ion:152 Resp: 85337

Ion Ratio Lower Upper

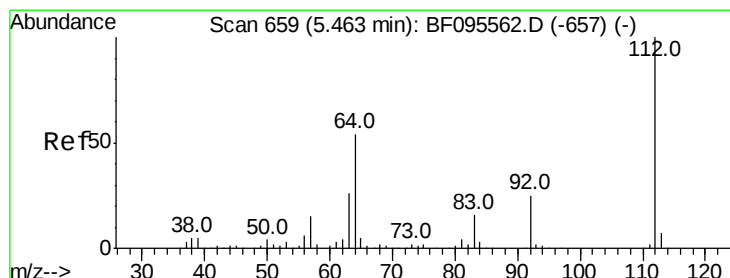
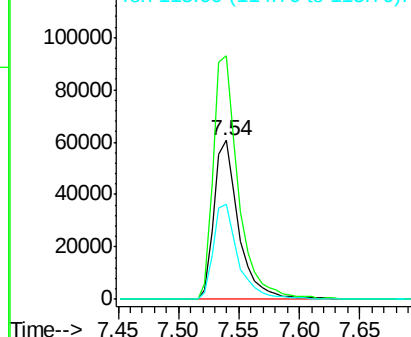
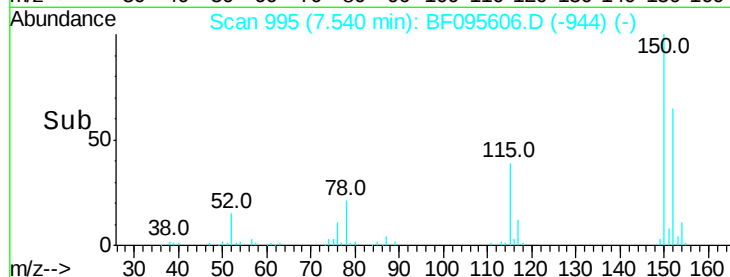
152 100

150 153.5 126.2 189.2

115 60.3 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: 34.33 ng

RT: 5.47 min Scan# 643

Delta R.T. 0.02 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

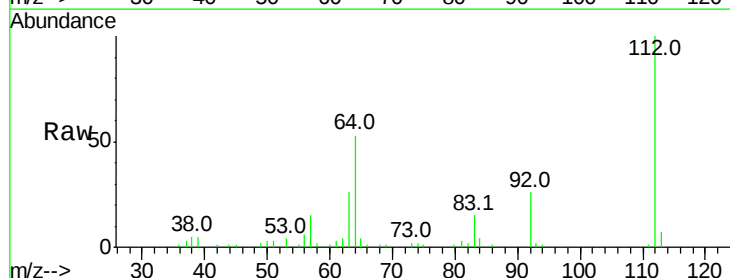
Tgt Ion:112 Resp: 175735

Ion Ratio Lower Upper

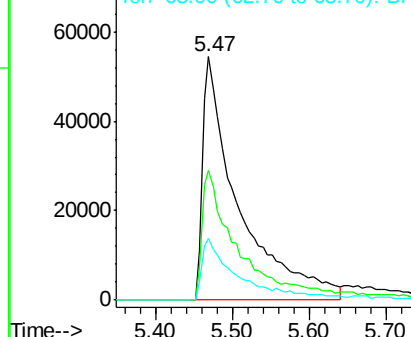
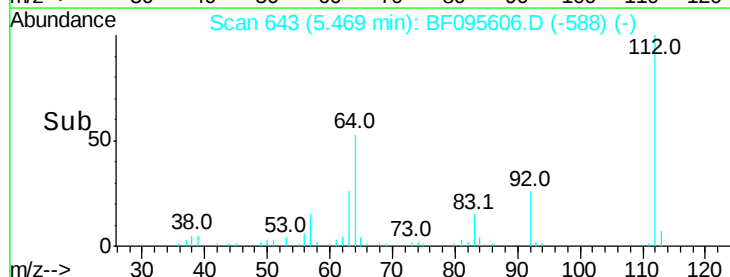
112 100

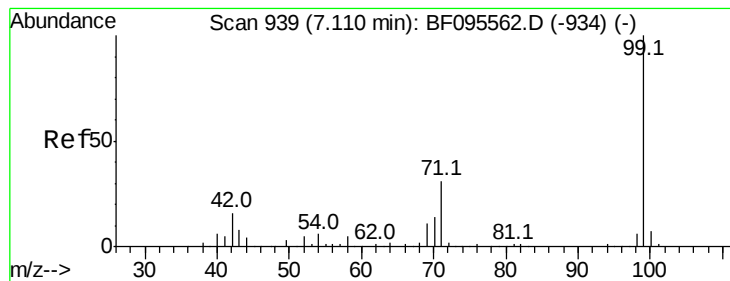
64 53.4 46.0 69.0

63 25.5 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: 35.33 ng

RT: 7.10 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

Instrument :

BNA_F

ClientSampleId :

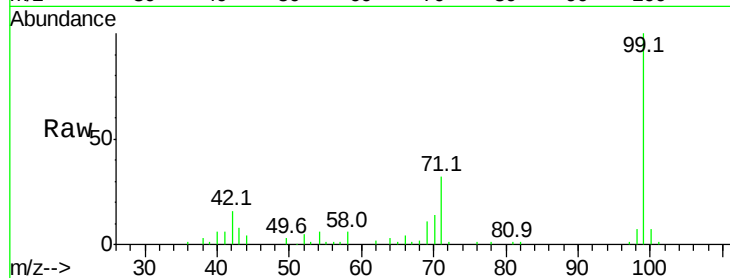
Tot Ion: 99 Resp: 216955

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

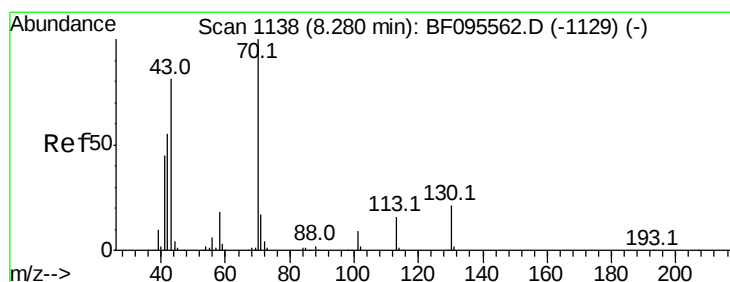
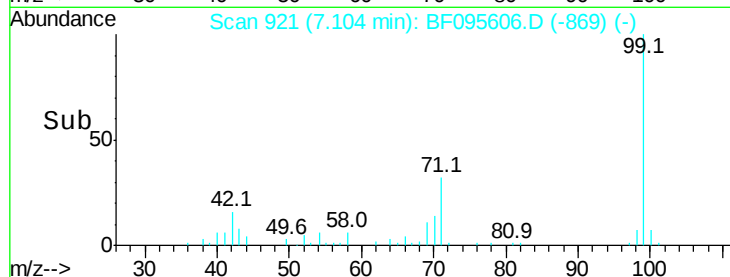
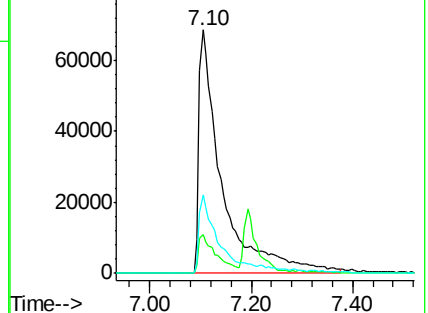
71 32.4 24.5 36.7



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: 14.64 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

Tgt Ion: 70 Resp: 60806

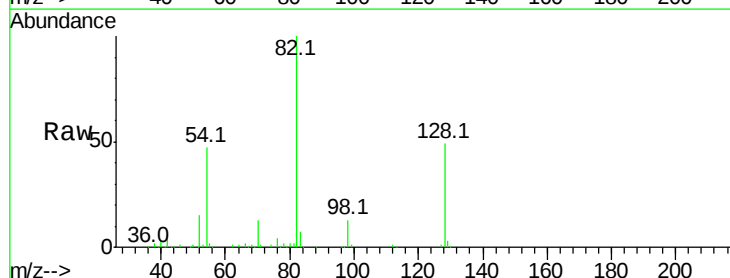
Ion Ratio Lower Upper

70 100

42 43.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

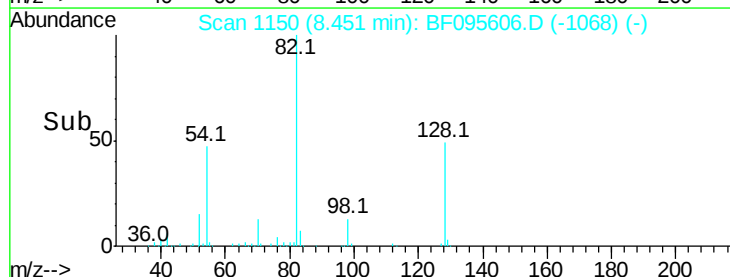
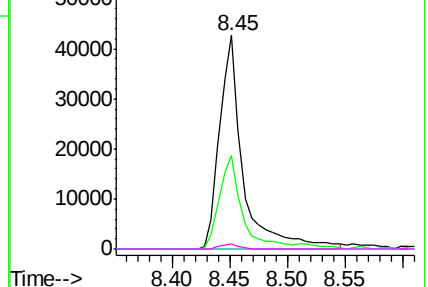


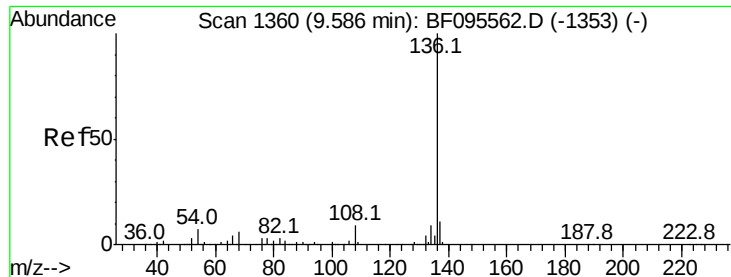
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 347447

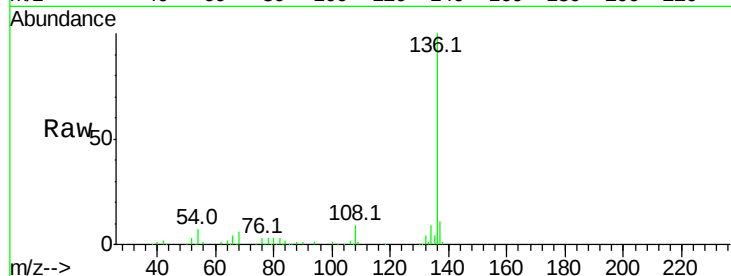
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

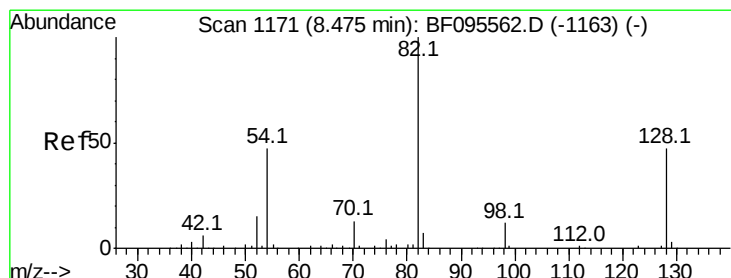
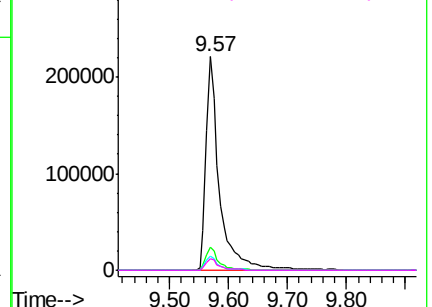
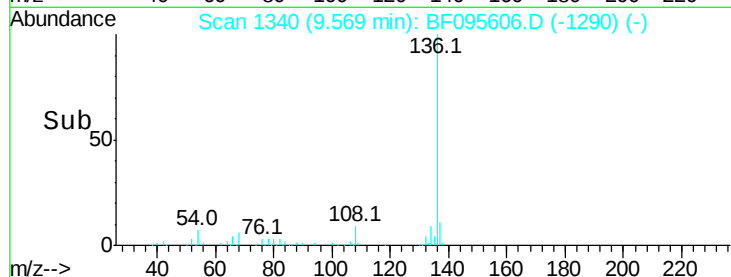


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.24 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

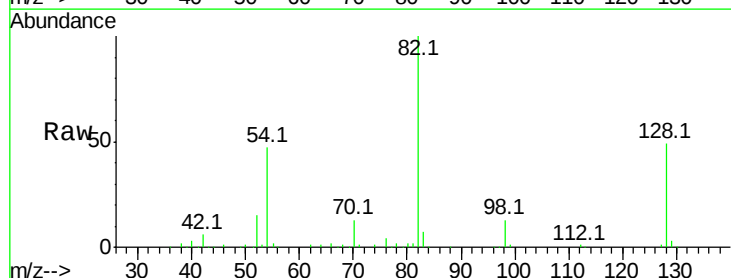
Tgt Ion: 82 Resp: 497242

Ion Ratio Lower Upper

82 100

128 49.0 34.0 51.0

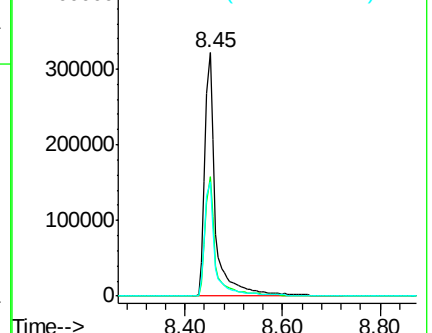
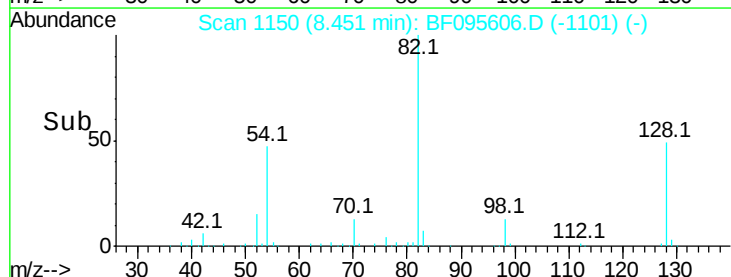
54 46.9 42.2 63.2

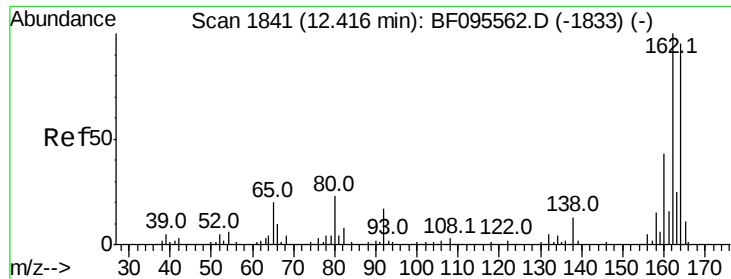


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

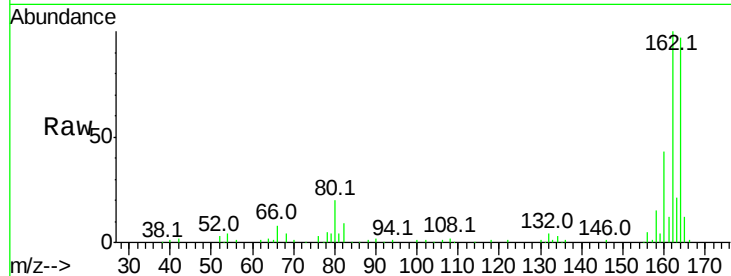




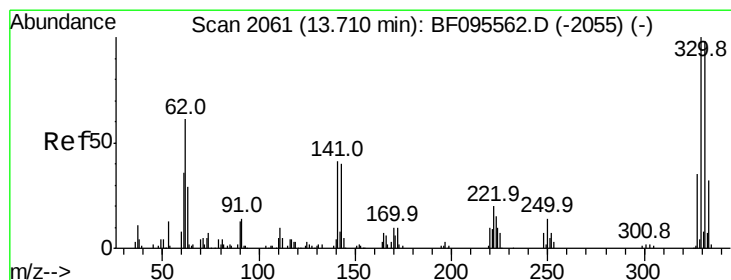
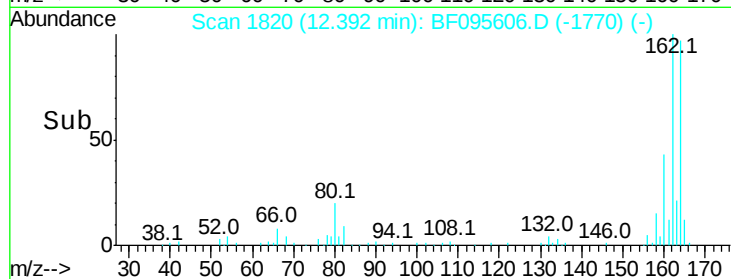
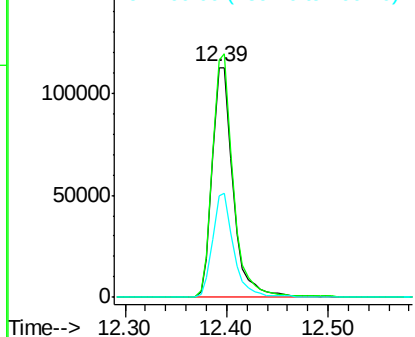
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095606.D
Acq: 1 Jun 2017 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 163001
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 44.0 36.2 54.2

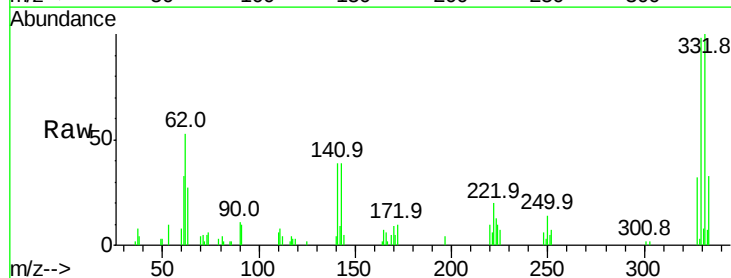


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

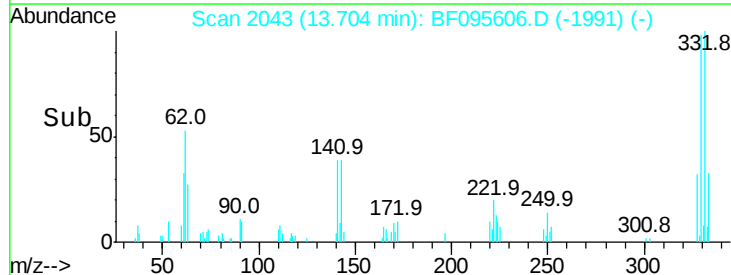
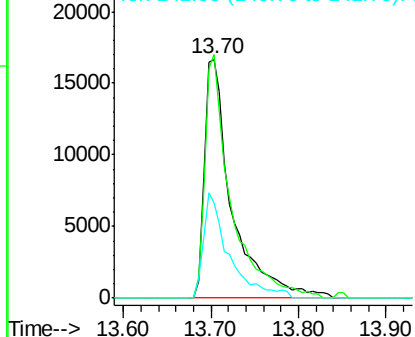


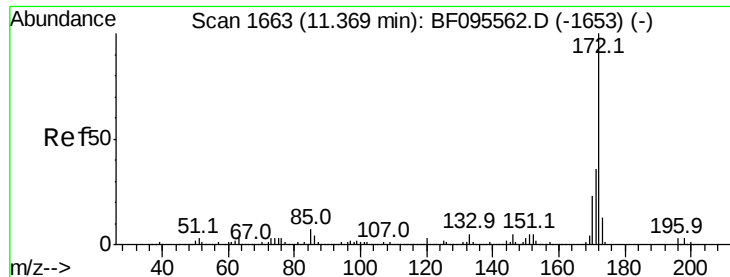
#41
2,4,6-Tribromophenol
Concen: 27.23 ng
RT: 13.70 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BF095606.D
Acq: 1 Jun 2017 21:16

Tgt Ion:330 Resp: 36344
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 40.3 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

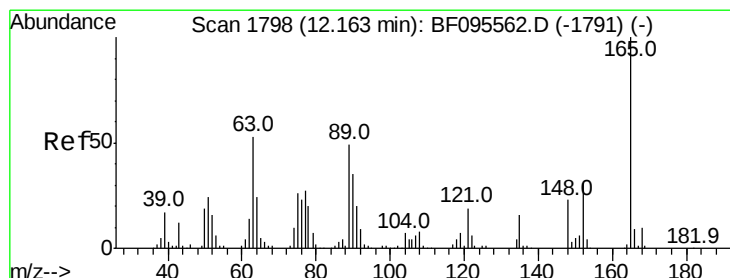
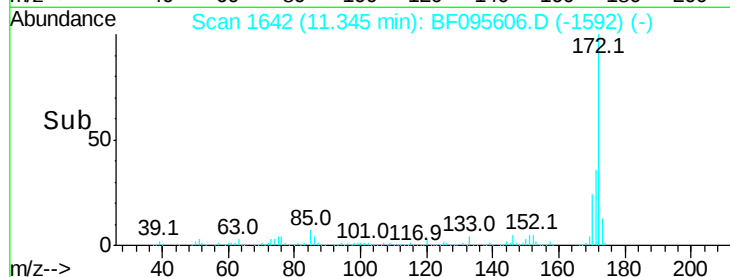
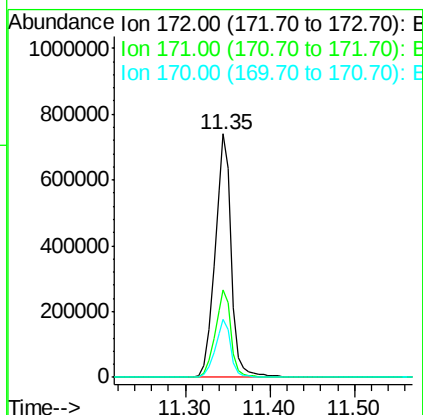
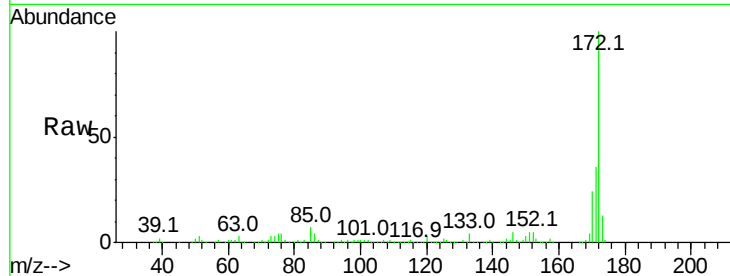




#44
2-Fluorobiphenyl
Concen: 88.62 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095606.D
Acq: 1 Jun 2017 21:16

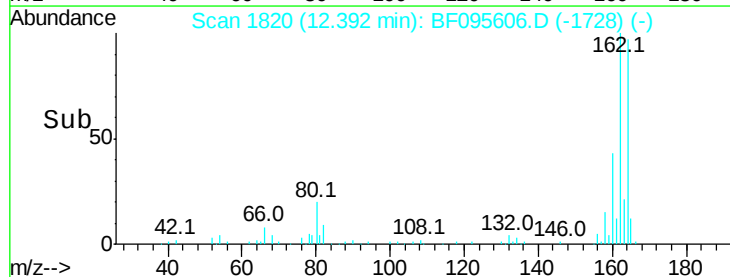
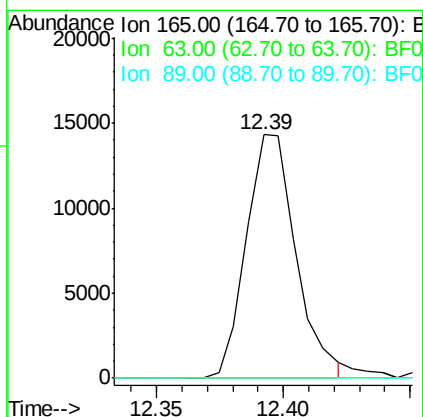
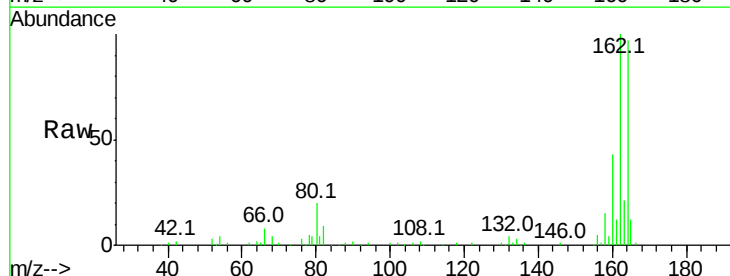
Instrument :
BNA_F
ClientSampled :

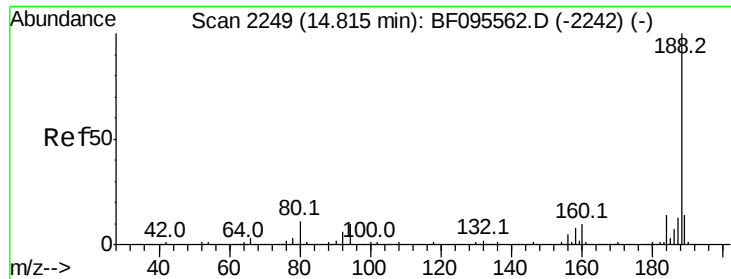
Tot Ion:172 Resp: 1003580
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.8 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.18 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.24 min
Lab File: BF095606.D
Acq: 1 Jun 2017 21:16

Tgt Ion:165 Resp: 19596
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: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

Instrument :

BNA_F

ClientSampleId :

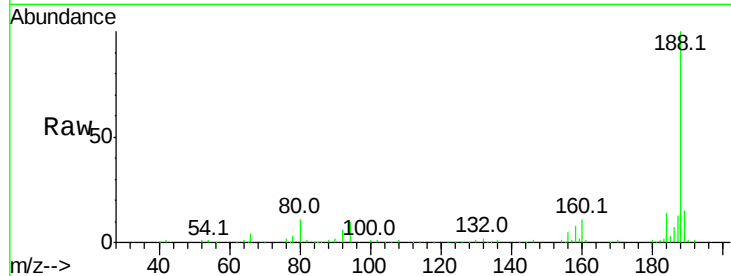
Tot Ion:188 Resp: 308654

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

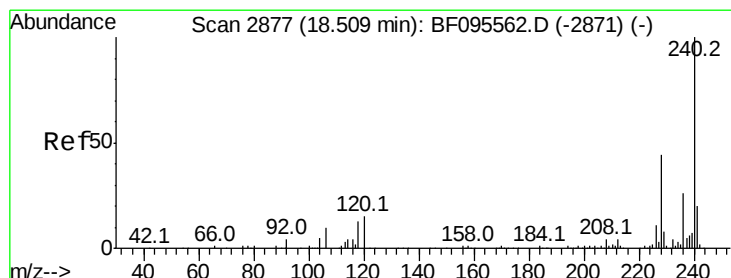
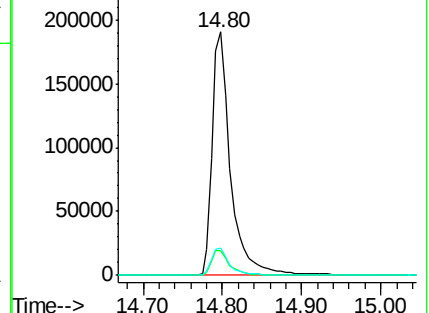
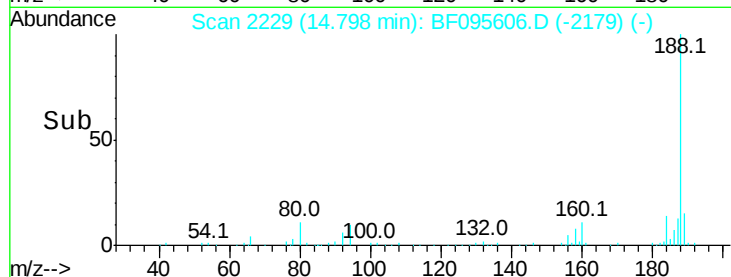
80 11.3 10.2 15.2



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: 18.49 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BF095606.D

Acq: 1 Jun 2017 21:16

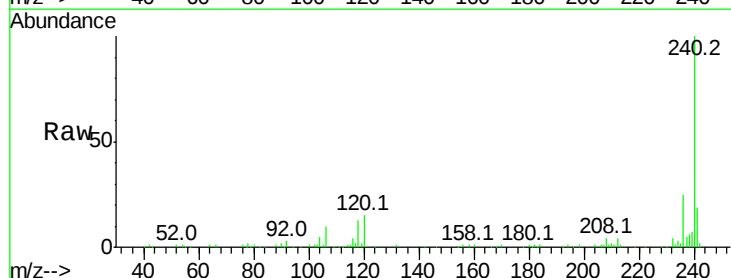
Tgt Ion:240 Resp: 253564

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

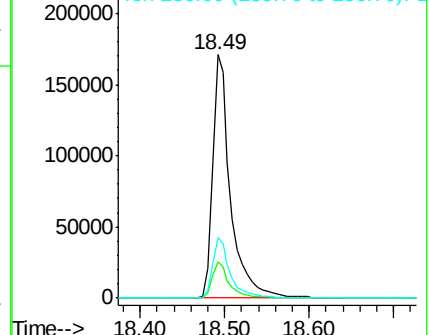
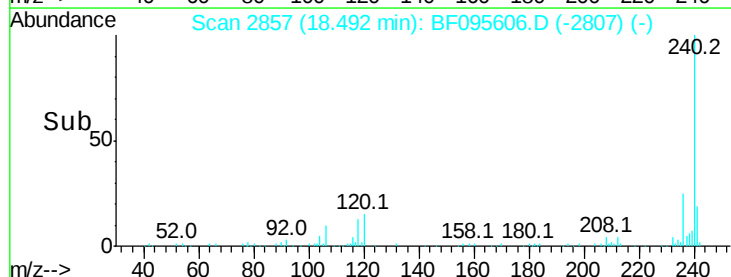
236 25.0 20.5 30.7

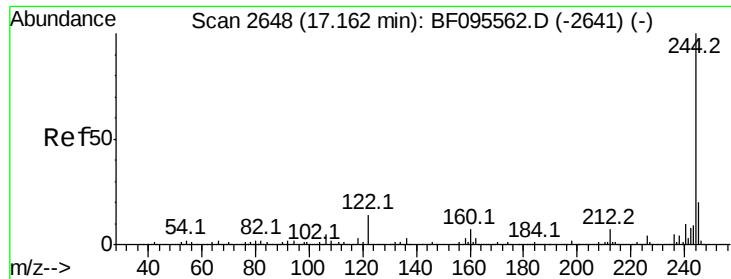


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

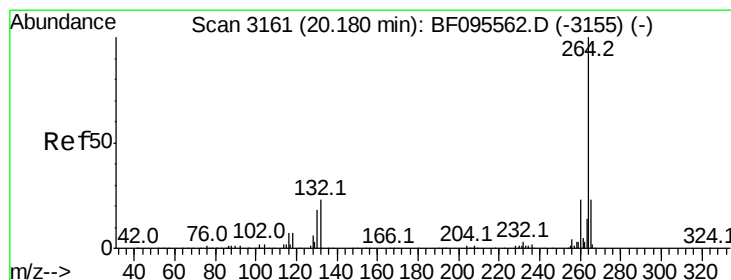
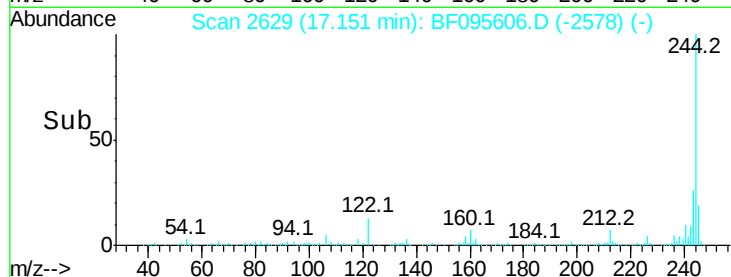
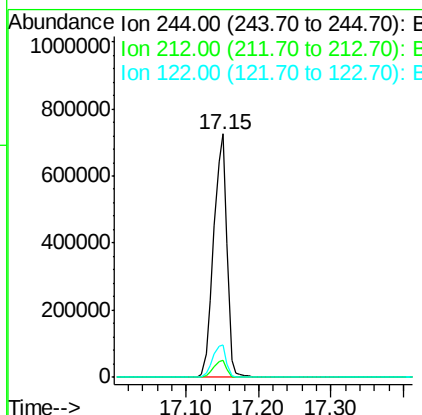
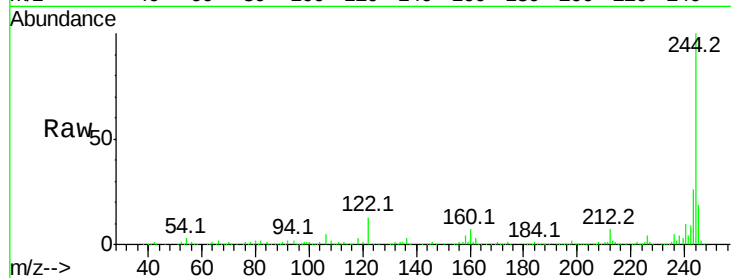




#78
 Terphenyl-d14
 Concen: 80.44 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. 0.00 min
 Lab File: BF095606.D
 Acq: 1 Jun 2017 21:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 925991
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BF095606.D
 Acq: 1 Jun 2017 21:16

Tgt Ion:264 Resp: 173015
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.3 17.2 25.8

