

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095605.D
 Acq On : 1 Jun 2017 20:44
 Operator : SJ/MA
 Sample : I3384-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 01:25:48 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

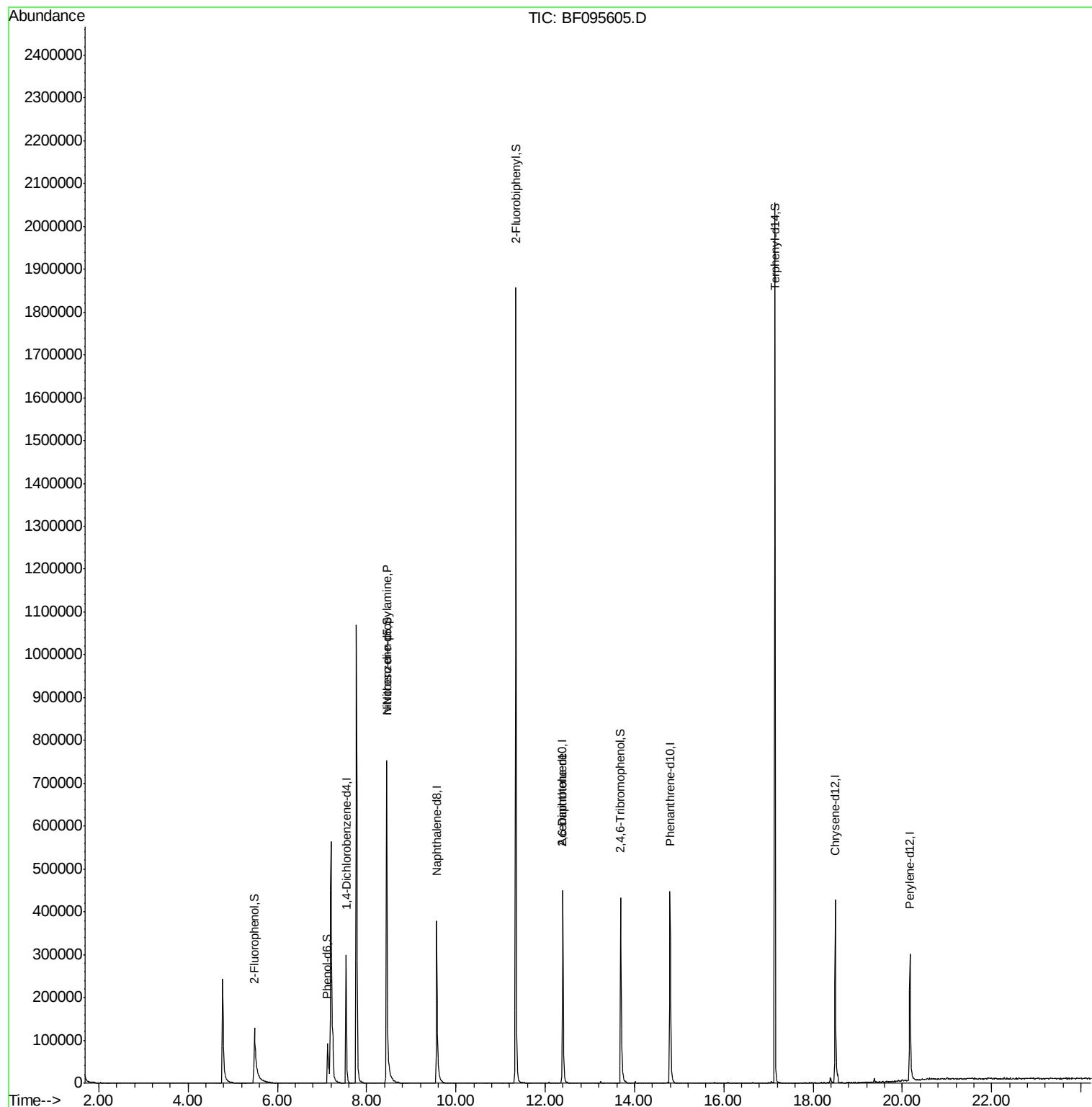
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	76749	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	312785	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	146731	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	283460	20.00	ng	0.00
75) Chrysene-d12	18.50	240	239919	20.00	ng	0.00
86) Perylene-d12	20.17	264	162862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	131860	28.64	ng	0.04
7) Phenol-d6	7.12	99	101764	18.42	ng	0.02
23) Nitrobenzene-d5	8.45	82	448321	90.38	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	93324	77.66	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	913853	89.64	ng	0.00
78) Terphenyl-d14	17.15	244	830728	76.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	54036	14.47	ng	# 77
50) 2,6-Dinitrotoluene	12.39	165	18351	7.47	ng	# 31

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
Data File : BF095605.D
Acq On : 1 Jun 2017 20:44
Operator : SJ/MA
Sample : I3384-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 02 01:25:48 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

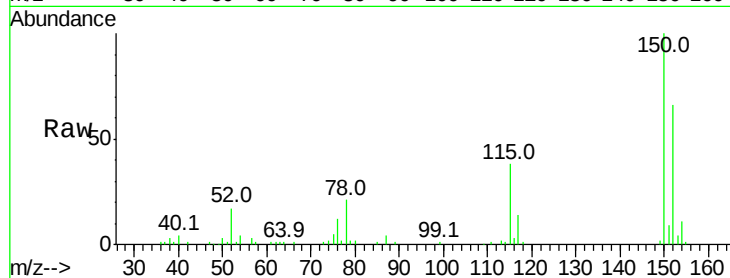




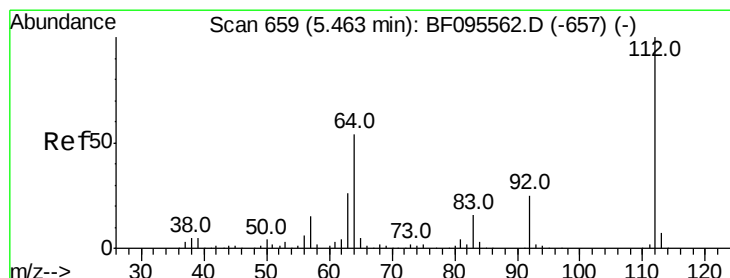
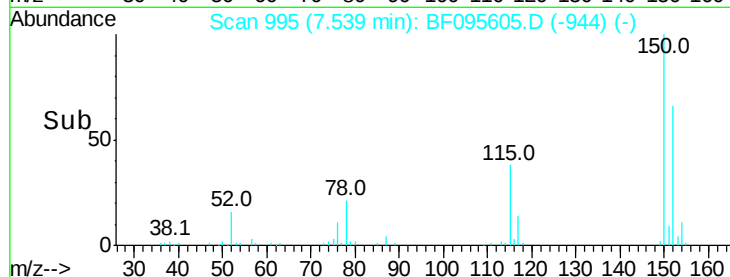
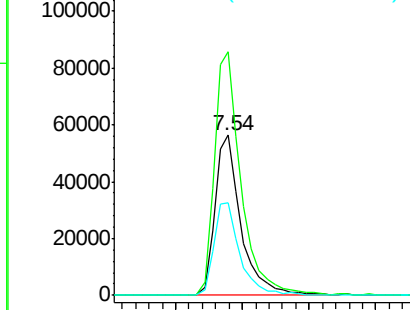
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095605.D
 Acq: 1 Jun 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 76749
 Ion Ratio Lower Upper
 152 100
 150 152.4 126.2 189.2
 115 58.3 52.2 78.2

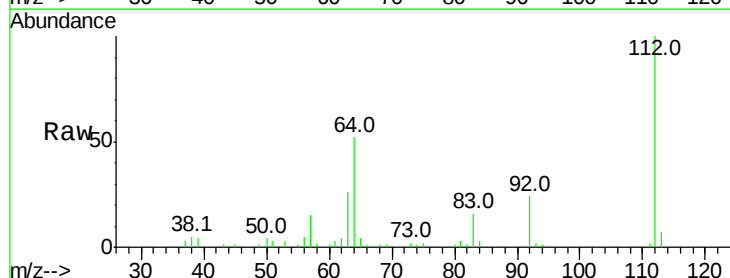


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

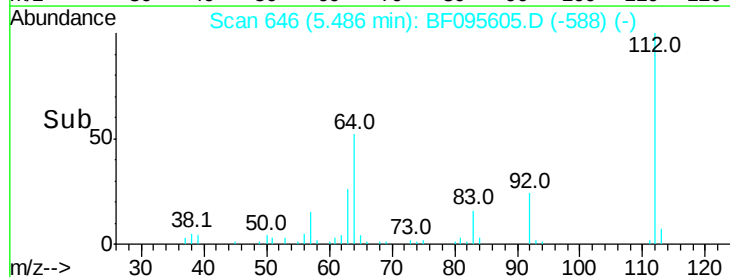
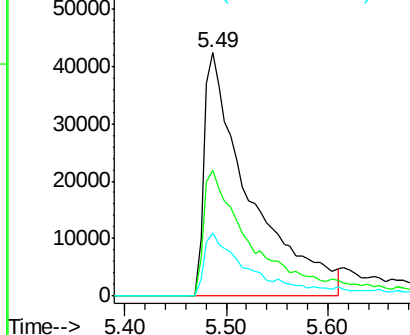


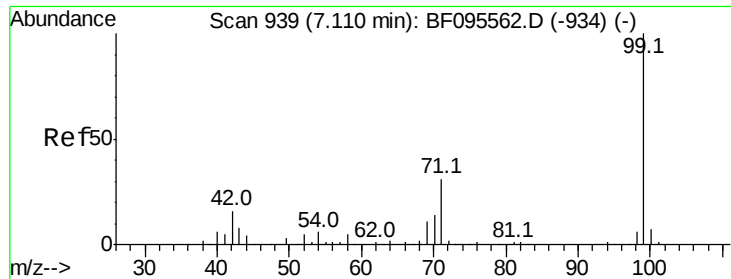
#5
 2-Fluorophenol
 Concen: 28.64 ng
 RT: 5.49 min Scan# 646
 Delta R.T. 0.04 min
 Lab File: BF095605.D
 Acq: 1 Jun 2017 20:44

Tgt Ion:112 Resp: 131860
 Ion Ratio Lower Upper
 112 100
 64 51.7 46.0 69.0
 63 25.7 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: 18.42 ng

RT: 7.12 min Scan# 924

Delta R.T. 0.02 min

Lab File: BF095605.D

Acq: 1 Jun 2017 20:44

Instrument :

BNA_F

ClientSampled :

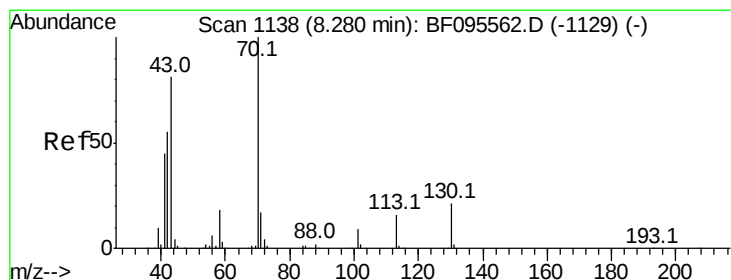
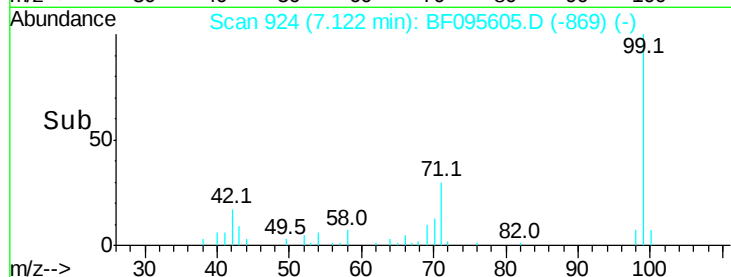
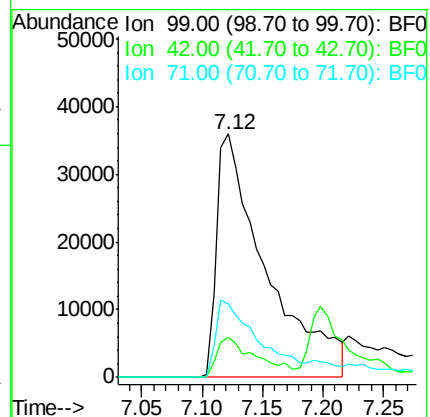
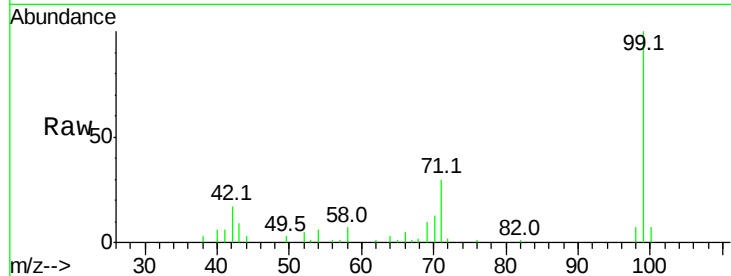
Tot Ion: 99 Resp: 101764

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 30.3 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.47 ng

RT: 8.45 min Scan# 1149

Delta R.T. 0.18 min

Lab File: BF095605.D

Acq: 1 Jun 2017 20:44

Tgt Ion: 70 Resp: 54036

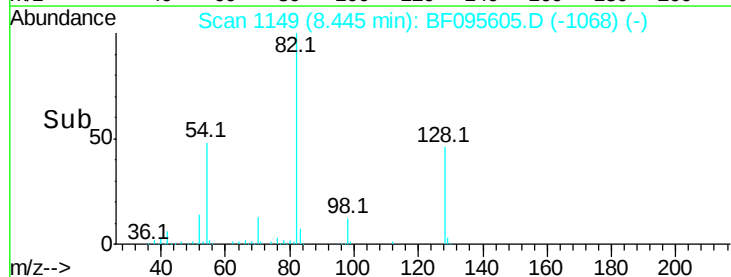
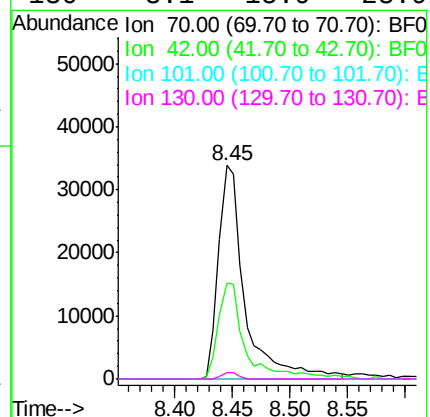
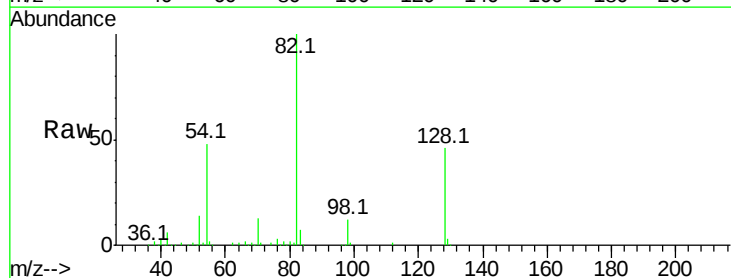
Ion Ratio Lower Upper

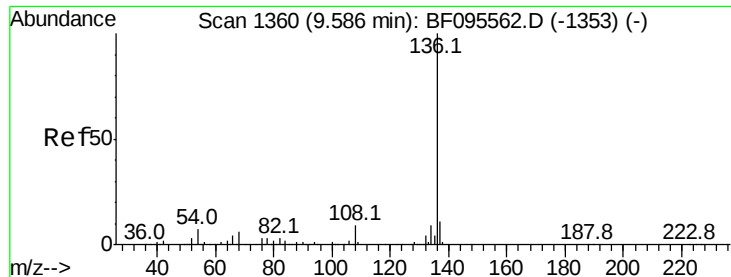
70 100

42 45.2 47.2 70.8#

101 0.0 7.2 10.8#

130 3.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095605.D

Acq: 1 Jun 2017 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 312785

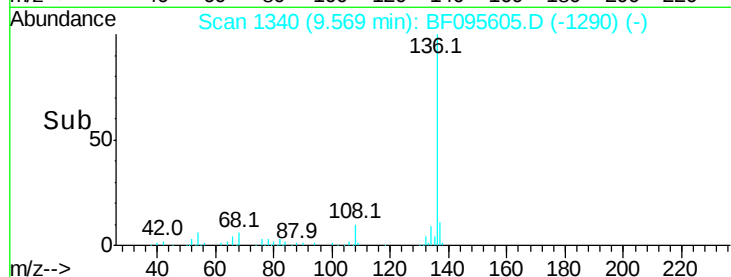
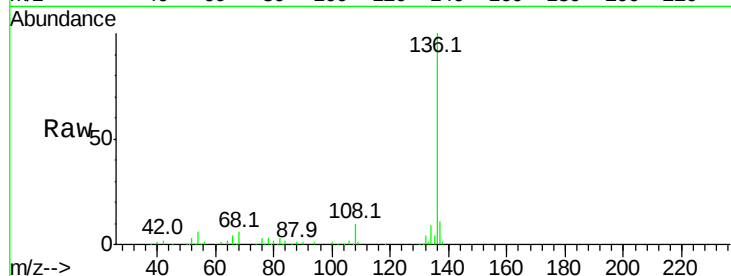
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.4	4.9	7.3
68	5.7	4.1	6.1

136 100

137 11.0 8.5 12.7

54 6.4 4.9 7.3

68 5.7 4.1 6.1

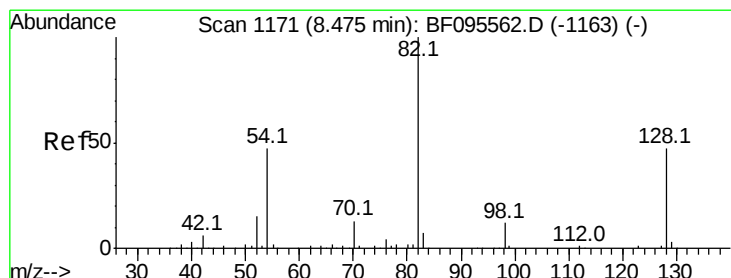
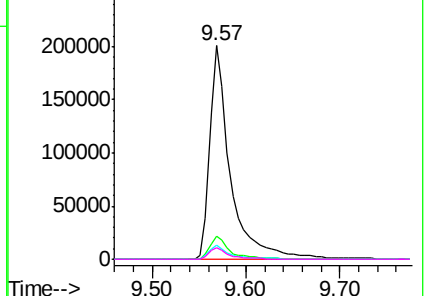


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.38 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095605.D

Acq: 1 Jun 2017 20:44

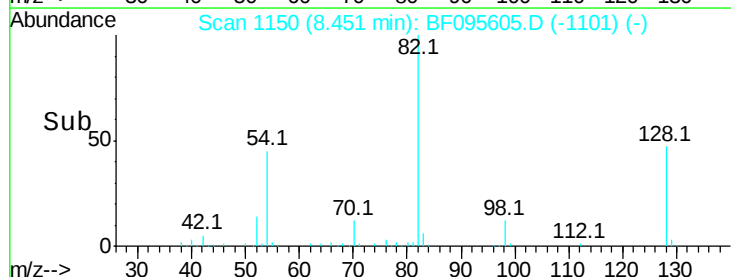
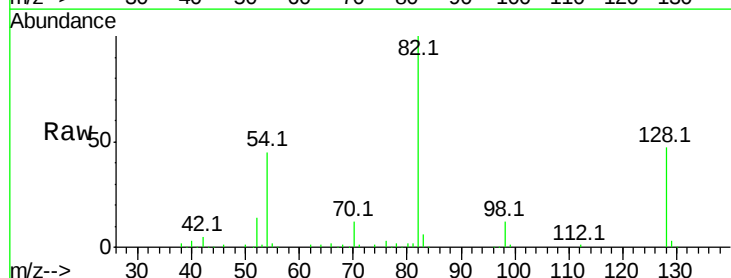
Tgt Ion: 82 Resp: 448321

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	45.4	42.2	63.2

82 100

128 47.1 34.0 51.0

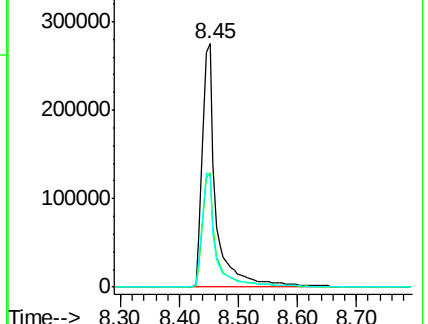
54 45.4 42.2 63.2

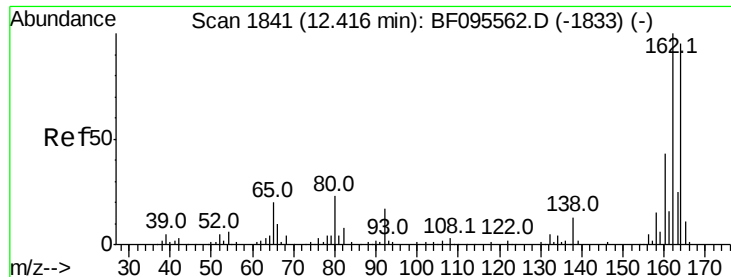


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

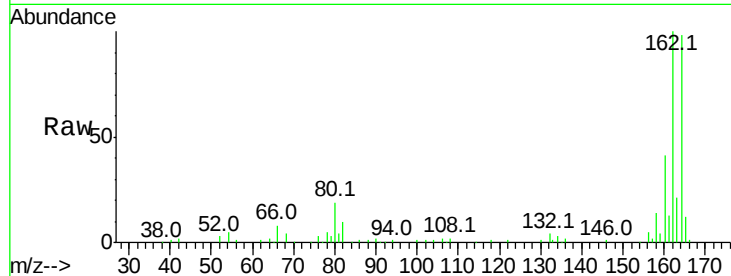




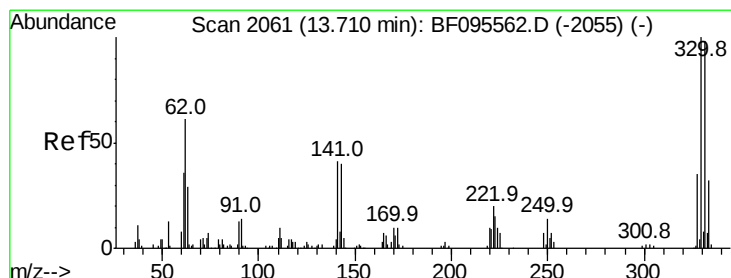
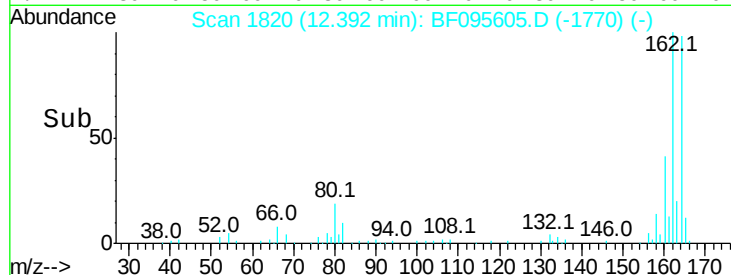
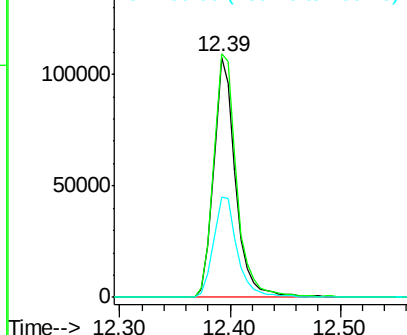
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095605.D
Acq: 1 Jun 2017 20:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 146731
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 41.8 36.2 54.2

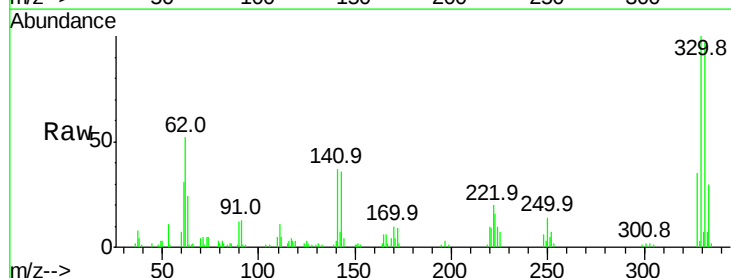


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

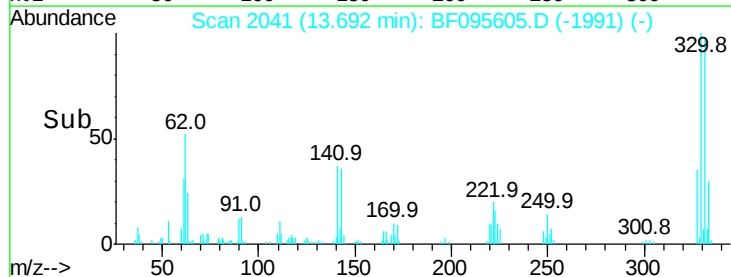
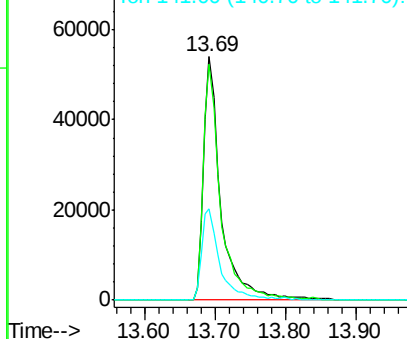


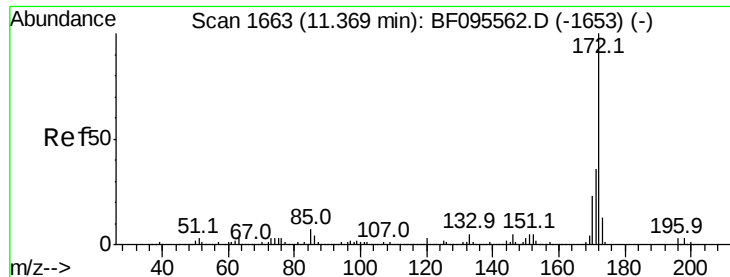
#41
2,4,6-Tribromophenol
Concen: 77.66 ng
RT: 13.69 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF095605.D
Acq: 1 Jun 2017 20:44

Tgt Ion:330 Resp: 93324
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 39.1 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



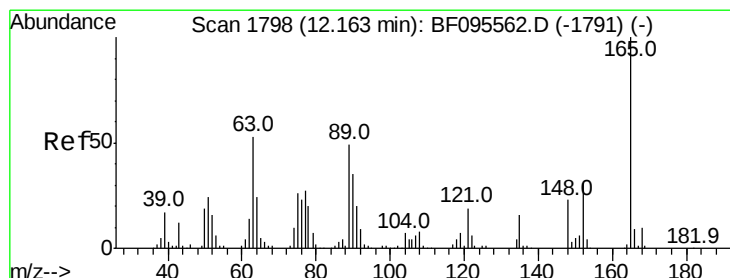
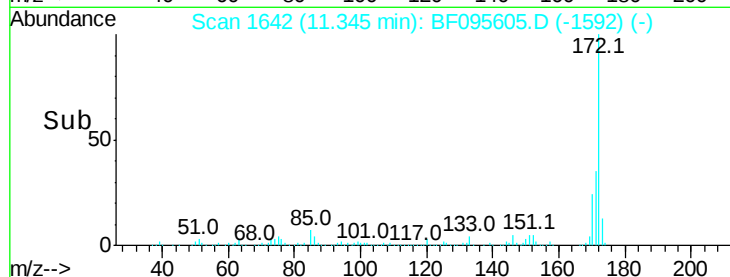
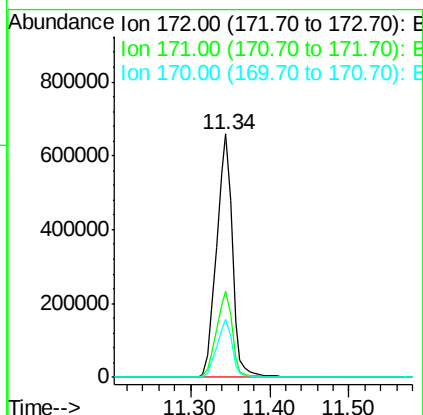
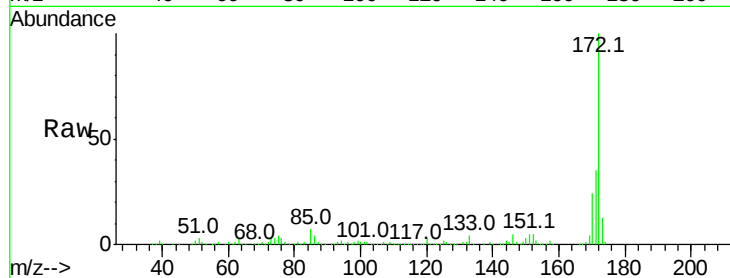


#44
 2-Fluorobiphenyl
 Concen: 89.64 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095605.D
 Acq: 1 Jun 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 913853

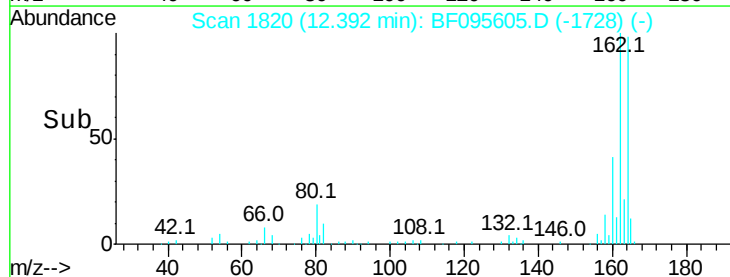
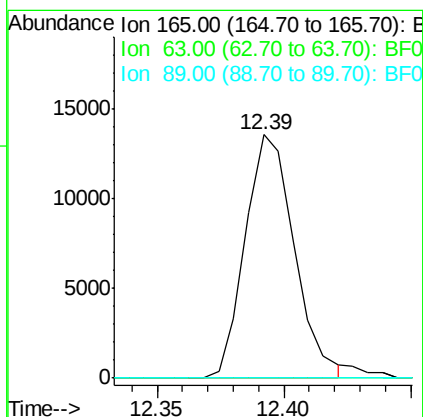
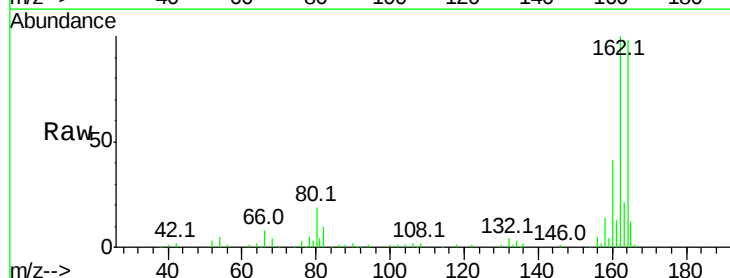
Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.7	19.8	29.8

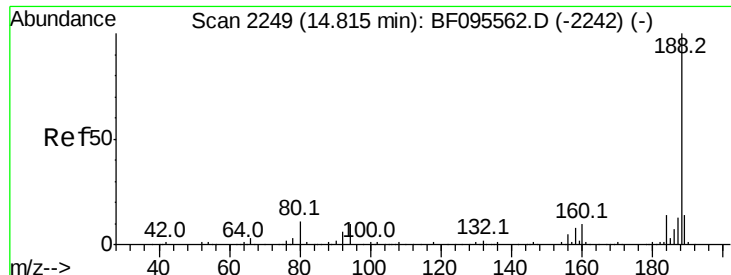


#50
 2,6-Dinitrotoluene
 Concen: 7.47 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095605.D
 Acq: 1 Jun 2017 20:44

Tgt Ion:165 Resp: 18351

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

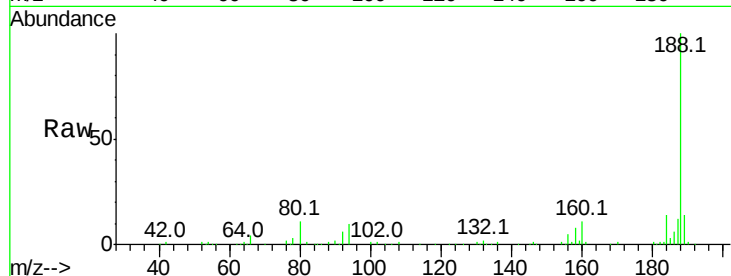




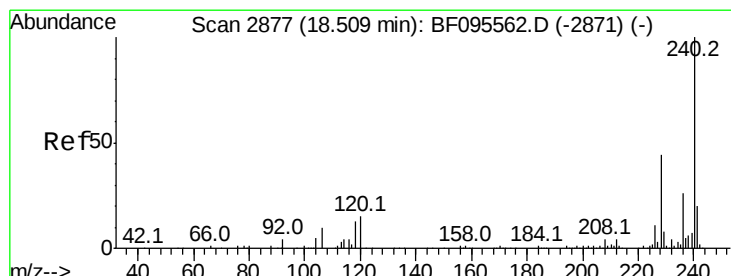
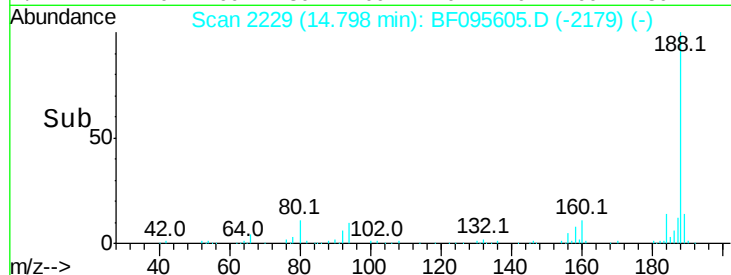
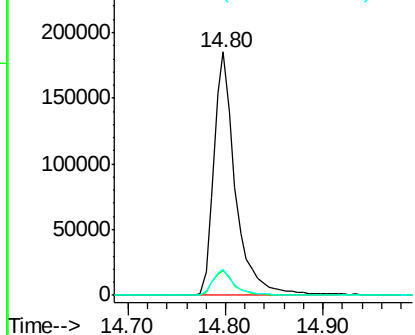
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095605.D
 Acq: 1 Jun 2017 20:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 283460
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.7 10.2 15.2

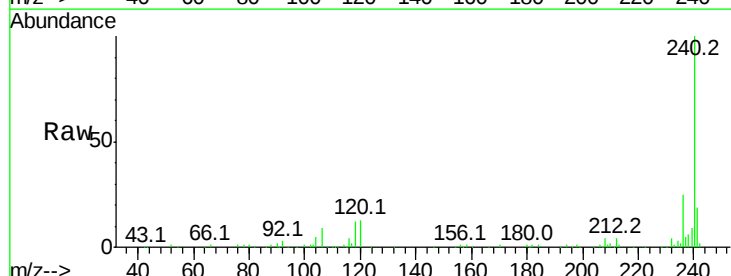


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

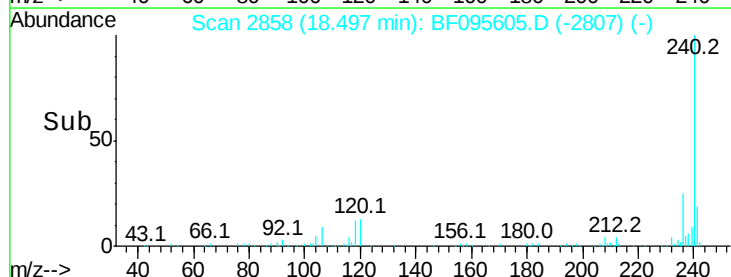
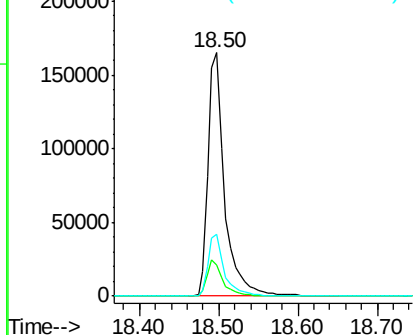


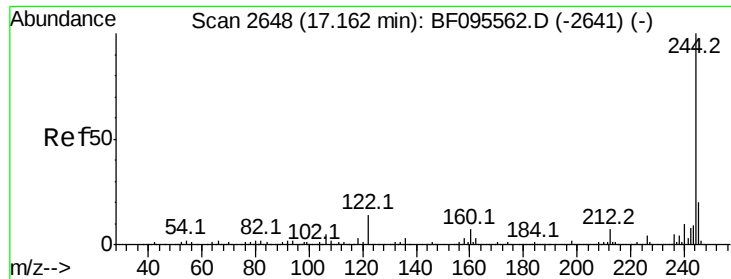
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095605.D
 Acq: 1 Jun 2017 20:44

Tgt Ion:240 Resp: 239919
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.8 8.8#
 236 25.2 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

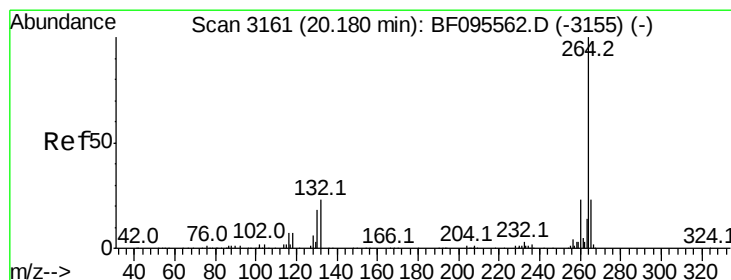
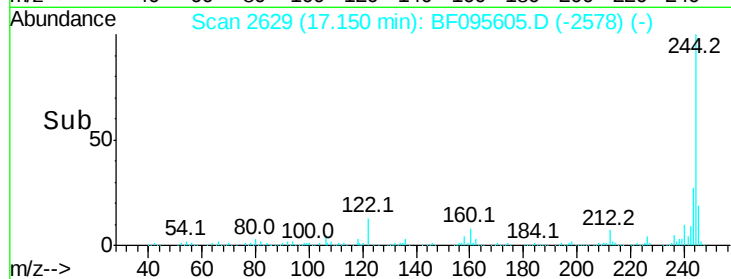
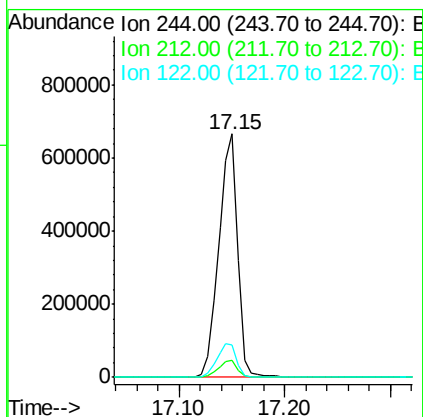
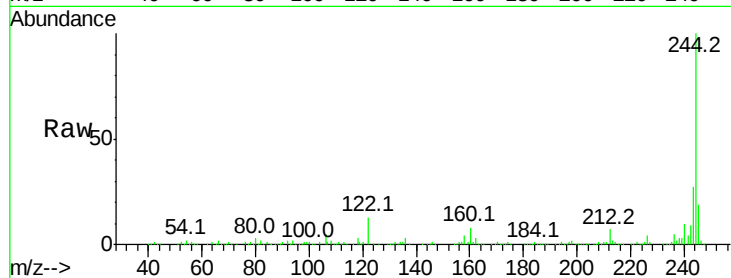




#78
 Terphenyl-d14
 Concen: 76.26 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095605.D
 Acq: 1 Jun 2017 20:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 830728
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.2 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: BF095605.D
 Acq: 1 Jun 2017 20:44

Tgt Ion:264 Resp: 162862
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.1 17.2 25.8

