

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095165.D
 Acq On : 16 May 2017 19:58
 Operator : SJ/MA
 Sample : I3160-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-WC-3

Quant Time: May 17 07:28:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

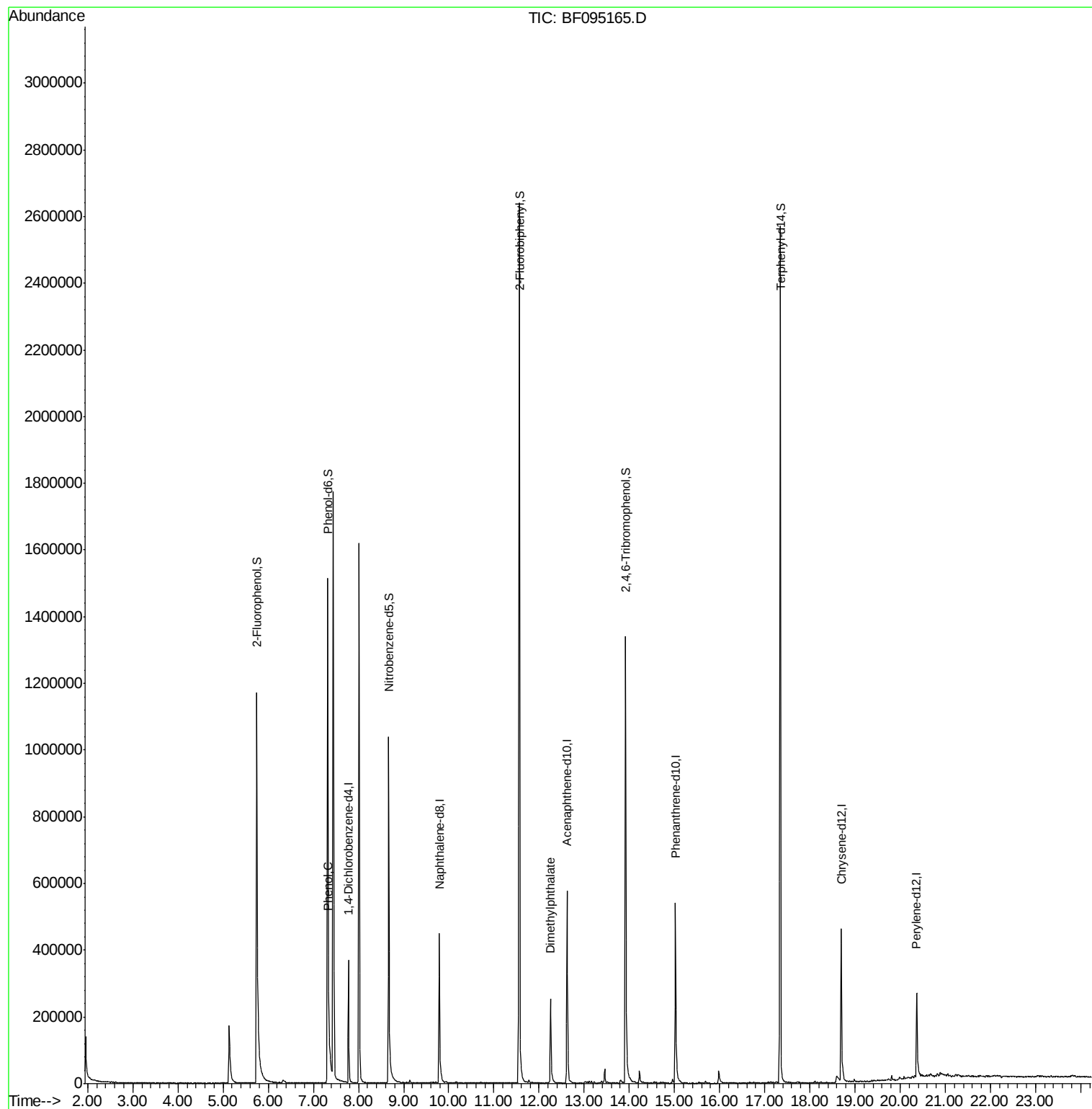
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82141	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	346154	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	192620	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	351739	20.00	ng	0.04
75) Chrysene-d12	18.69	240	251472	20.00	ng	0.04
86) Perylene-d12	20.37	264	153115	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	699585	141.99	ng	0.06
7) Phenol-d6	7.32	99	920891	155.78	ng	0.04
23) Nitrobenzene-d5	8.67	82	545100	99.30	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	244597	155.05	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1237173	92.45	ng	0.04
78) Terphenyl-d14	17.35	244	1041511	91.22	ng	0.04
Target Compounds						
10) Phenol	7.34	94	30304	4.86	ng	82
49) Dimethylphthalate	12.25	163	198342	12.54	ng	97

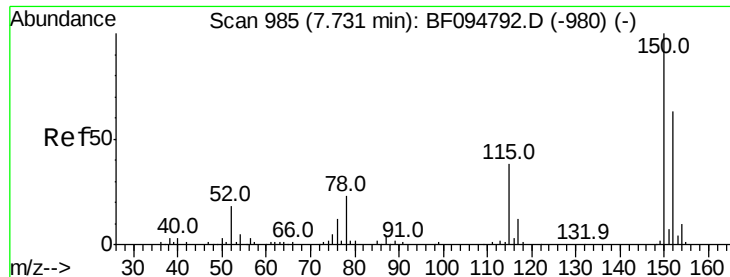
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.05 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

Instrument :

BNA_F

ClientSampleId :

S-WC-3

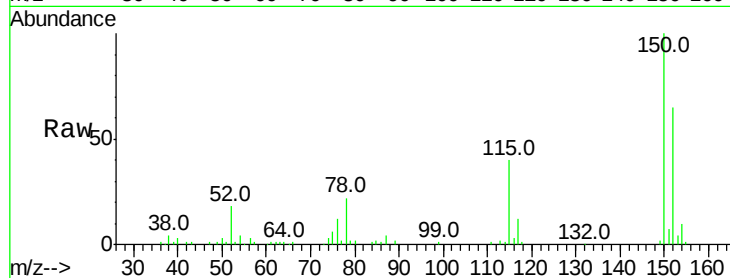
Tot Ion:152 Resp: 82141

Ion Ratio Lower Upper

152 100

150 154.3 126.2 189.2

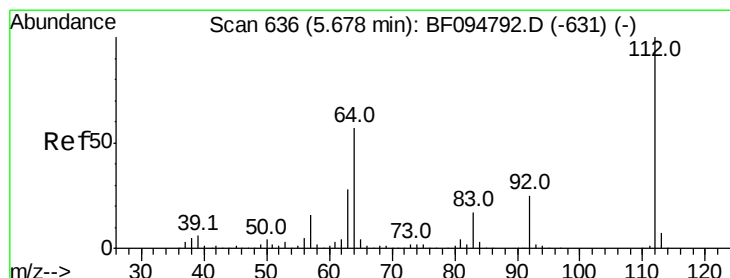
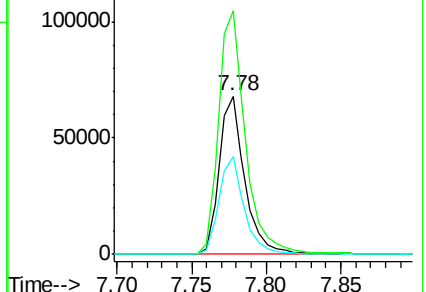
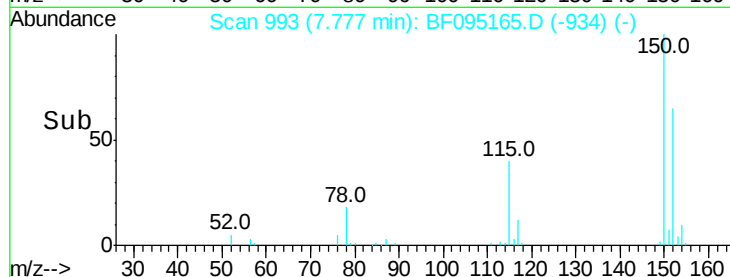
115 61.6 52.2 78.2



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: 141.99 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.06 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

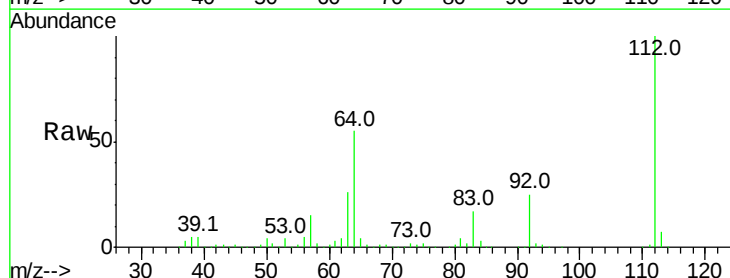
Tgt Ion:112 Resp: 699585

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

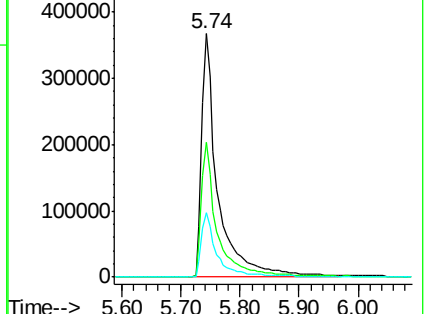
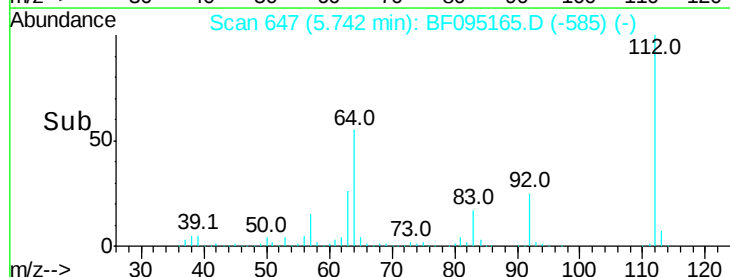
63 26.4 23.4 35.0

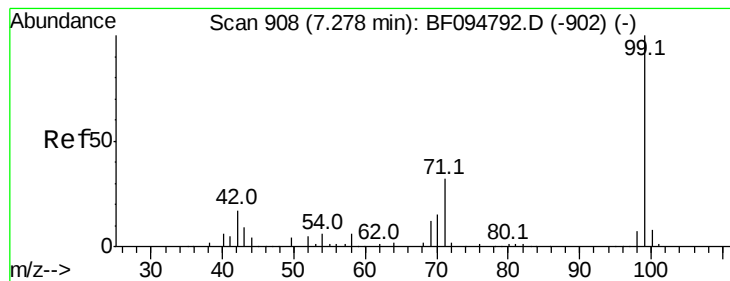


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.78 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

Instrument :

BNA_F

ClientSampleId :

S-WC-3

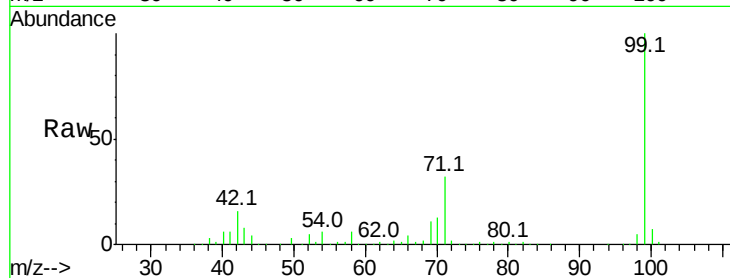
Tot Ion: 99 Resp: 920891

Ion Ratio Lower Upper

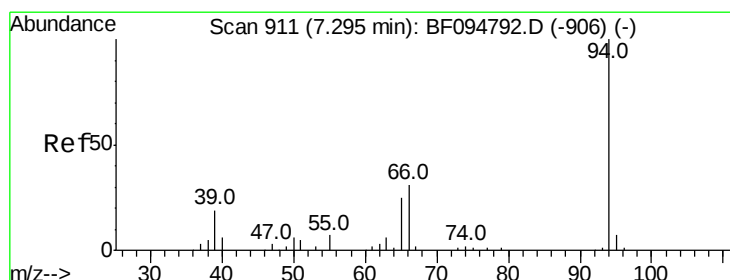
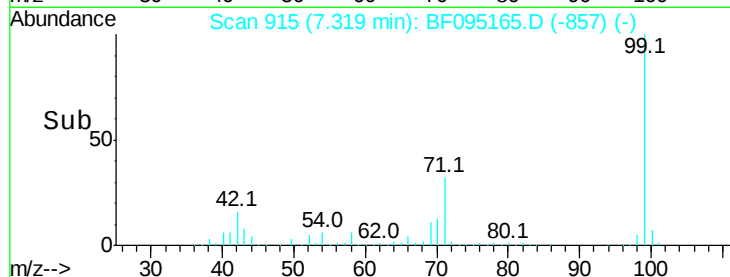
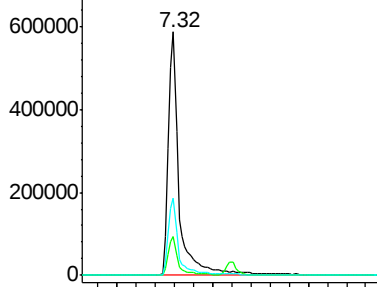
99 100

42 15.8 13.5 20.3

71 31.7 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



#10

Phenol

Concen: 4.86 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

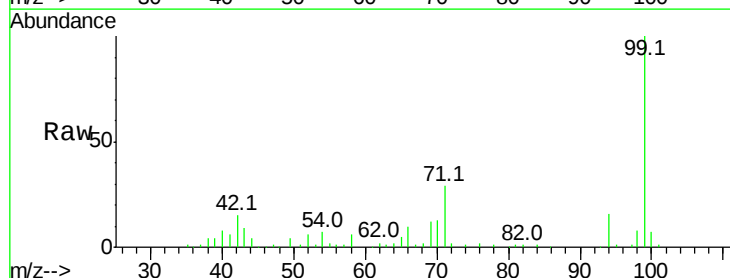
Tgt Ion: 94 Resp: 30304

Ion Ratio Lower Upper

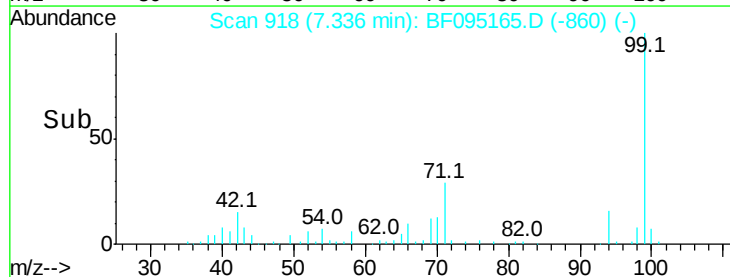
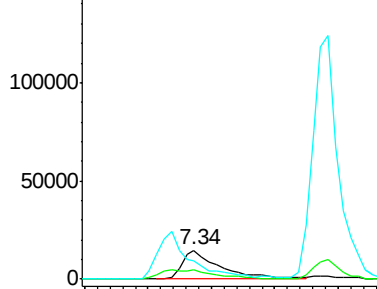
94 100

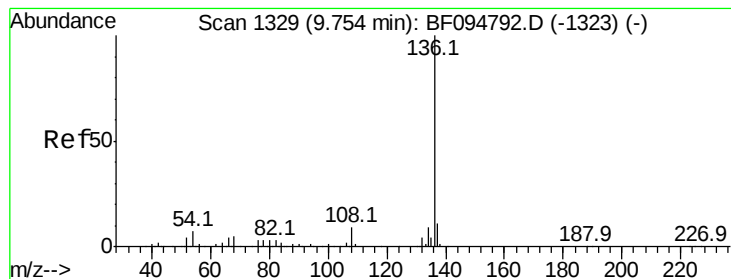
65 30.2 9.9 49.9

66 61.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

Instrument :

BNA_F

ClientSampleId :

S-WC-3

Tot Ion:136 Resp: 346154

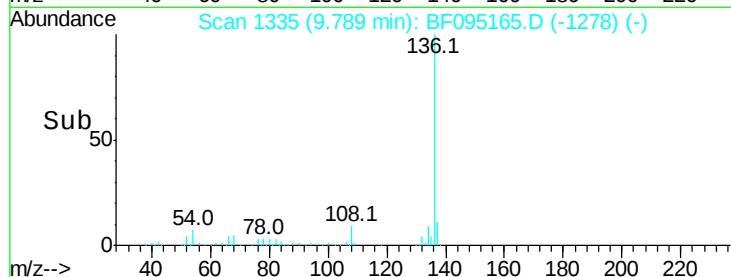
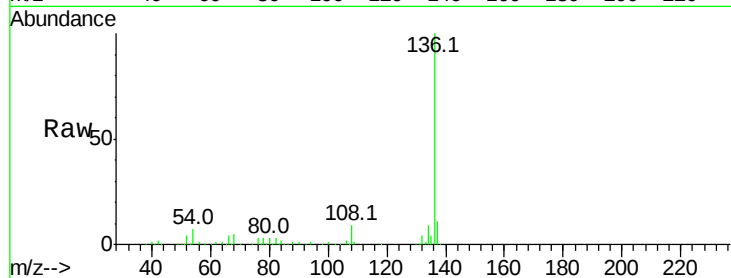
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

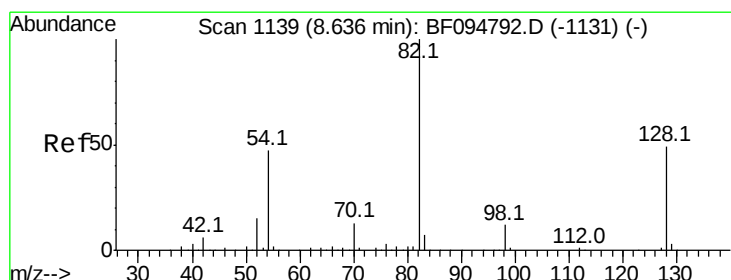
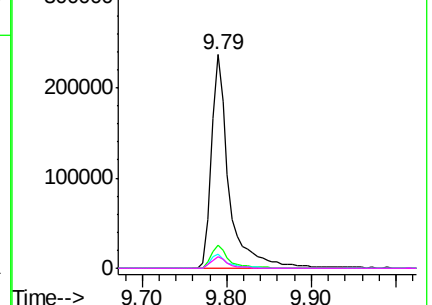


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.30 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

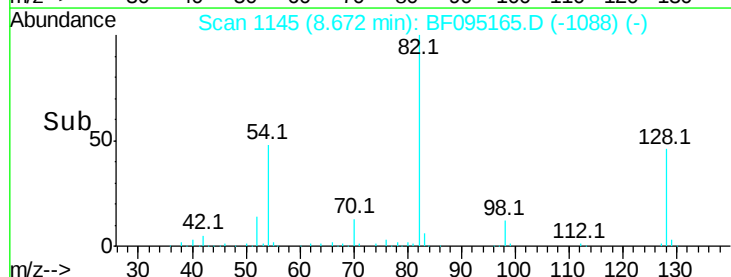
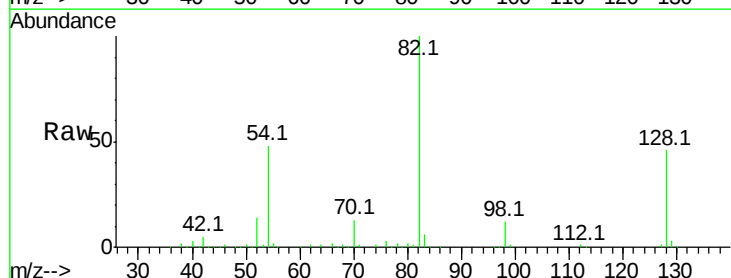
Tgt Ion: 82 Resp: 545100

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

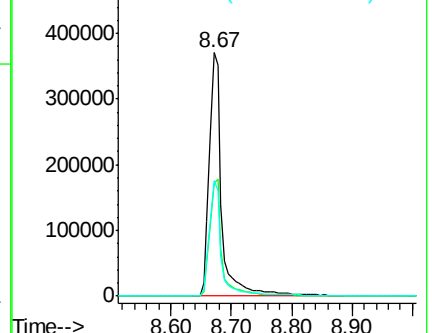
54 47.7 42.2 63.2

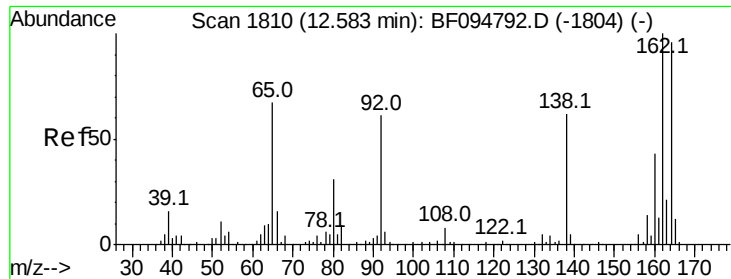


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

Instrument :

BNA_F

ClientSampleId :

S-WC-3

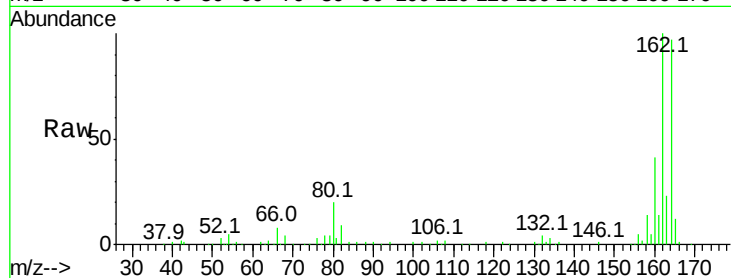
Tot Ion:164 Resp: 192620

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

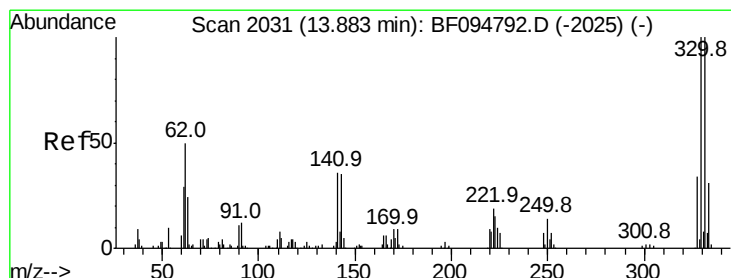
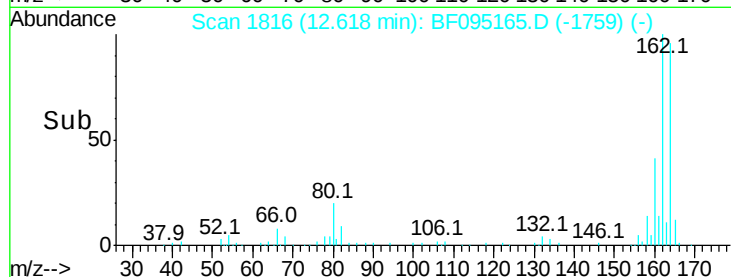
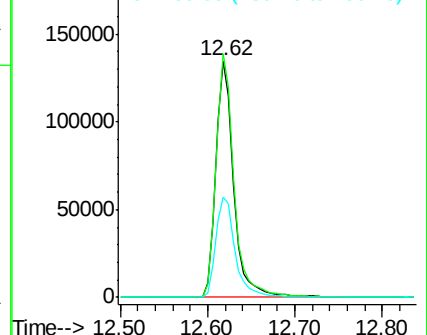
160 42.4 36.2 54.2



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: 155.05 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

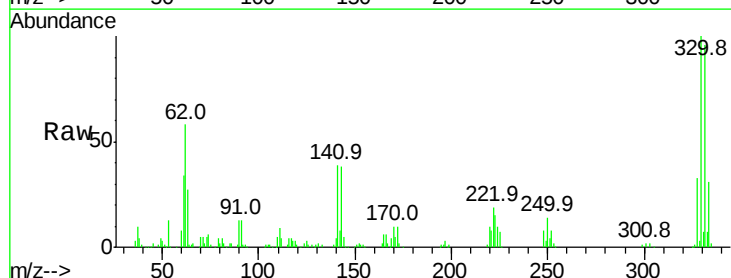
Tgt Ion:330 Resp: 244597

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

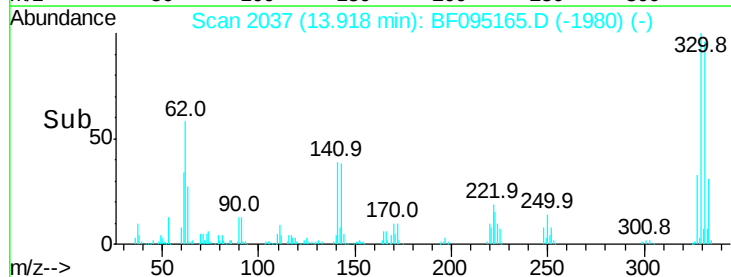
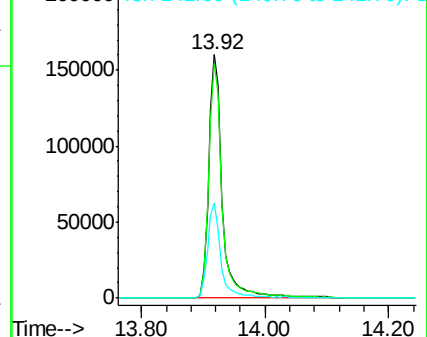
141 39.0 31.4 47.2

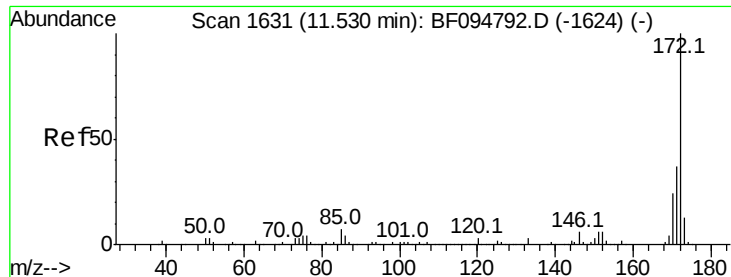


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

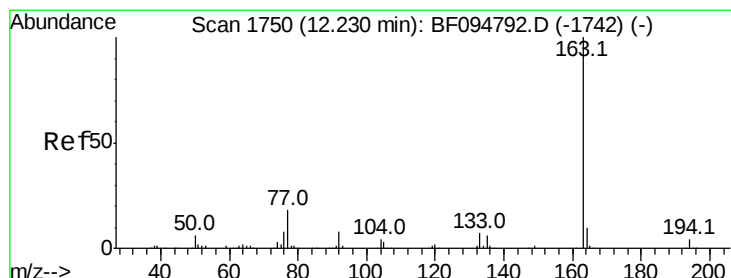
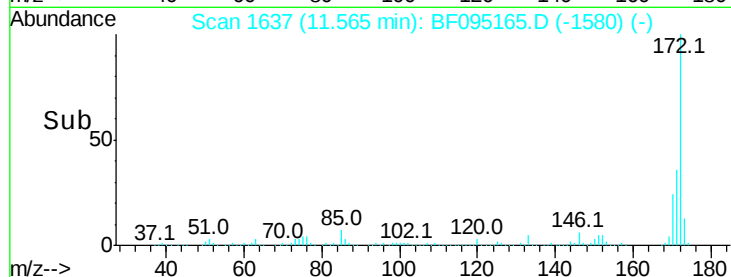
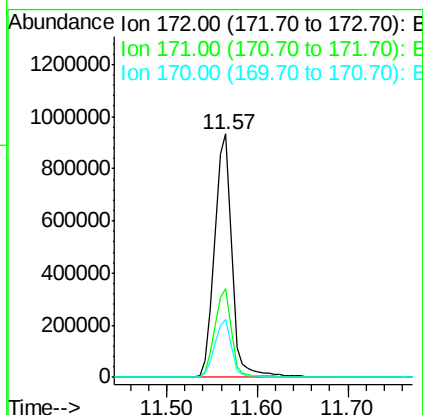
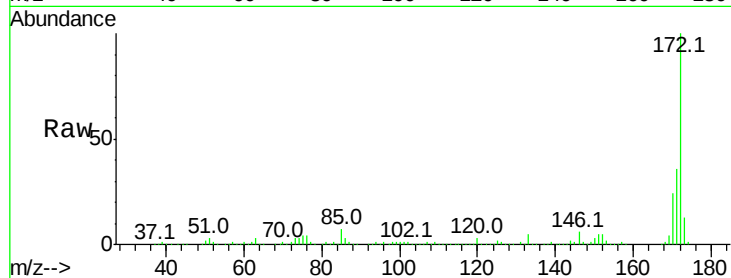




#44
2-Fluorobiphenyl
Concen: 92.45 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

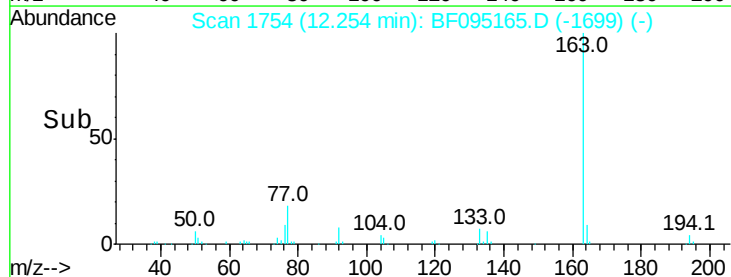
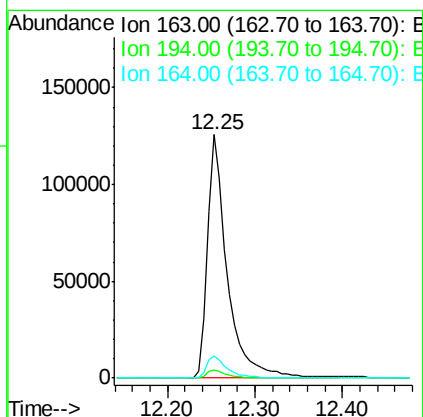
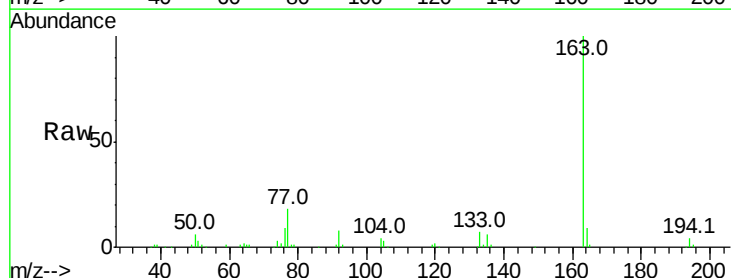
Instrument :
BNA_F
ClientSampleId :
S-WC-3

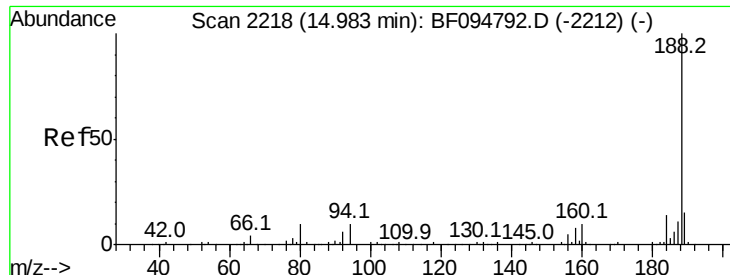
Tot Ion:172 Resp: 1237173
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 12.54 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

Tgt Ion:163 Resp: 198342
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.0 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

Instrument :

BNA_F

ClientSampleId :

S-WC-3

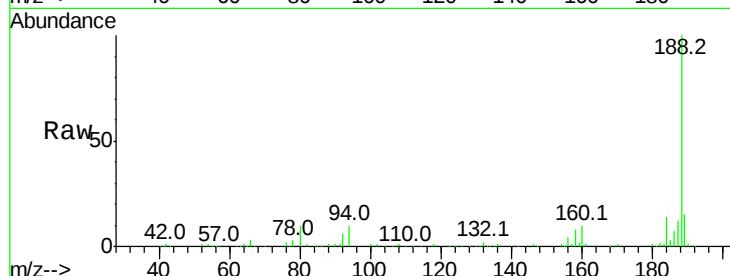
Tot Ion:188 Resp: 351739

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

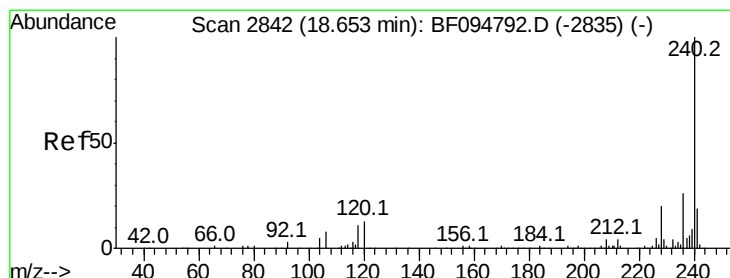
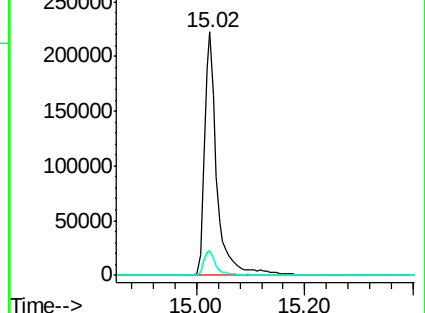
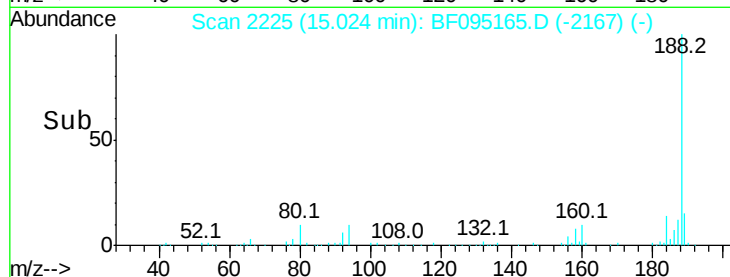
80 10.2 10.2 15.2



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: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

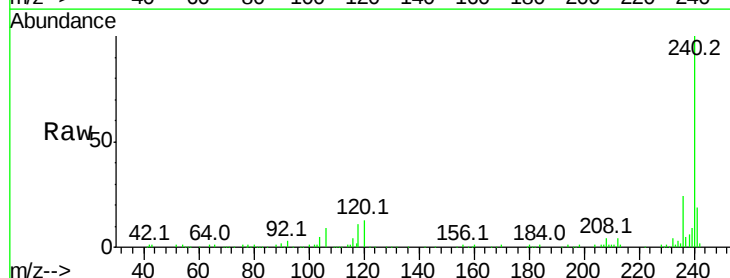
Tgt Ion:240 Resp: 251472

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

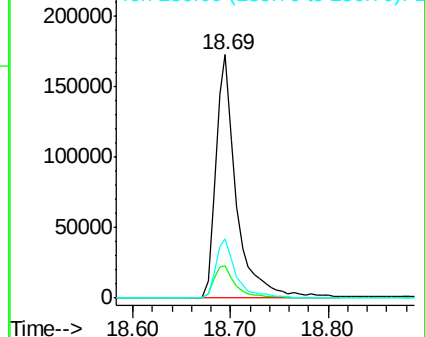
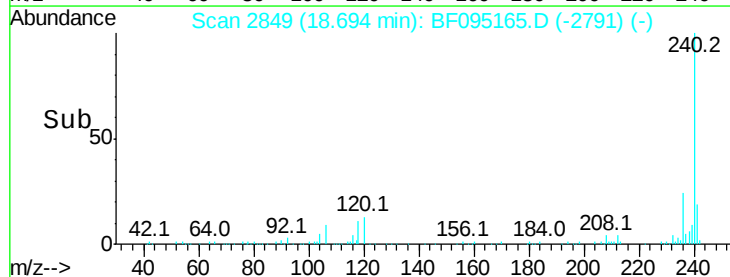
236 24.3 20.5 30.7

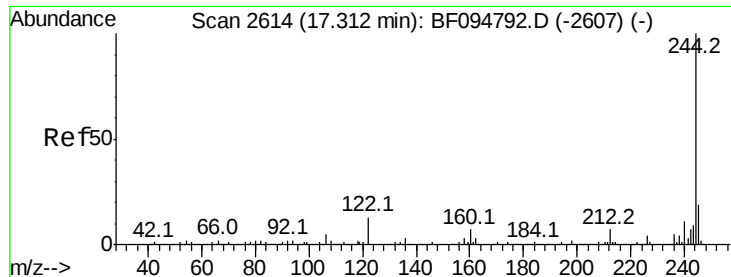


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

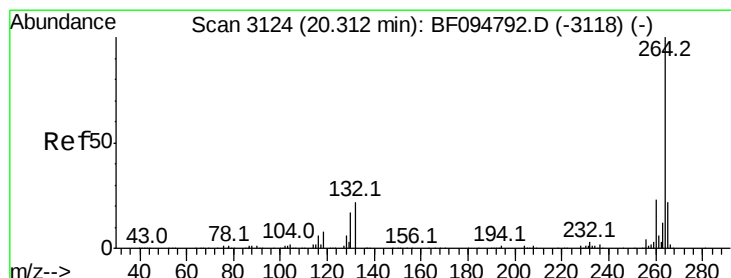
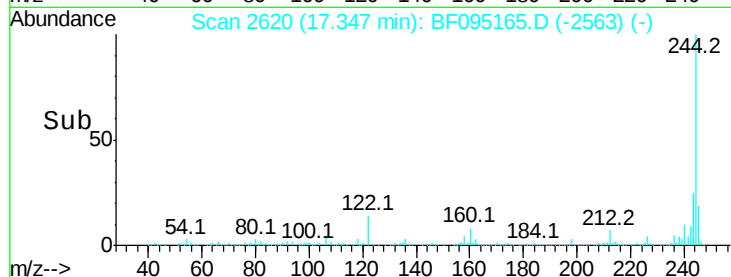
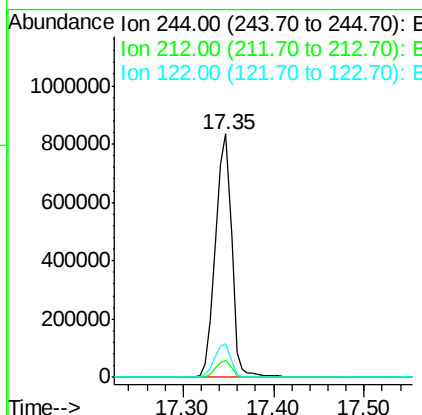
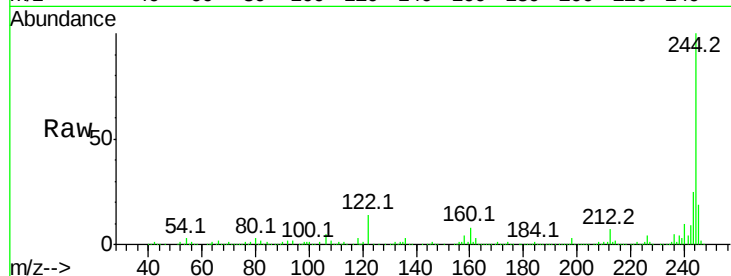




#78
 Terphenyl-d14
 Concen: 91.22 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095165.D
 Acq: 16 May 2017 19:58

Instrument :
 BNA_F
 ClientSampleID :
 S-WC-3

Tot Ion:244 Resp: 1041511
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095165.D
 Acq: 16 May 2017 19:58

Tgt Ion:264 Resp: 153115
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.5 29.3
 265 21.4 17.2 25.8

