

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094853.D
 Acq On : 4 May 2017 1:22
 Operator : SJ/MA
 Sample : I2914-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)

Quant Time: May 04 04:44:15 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

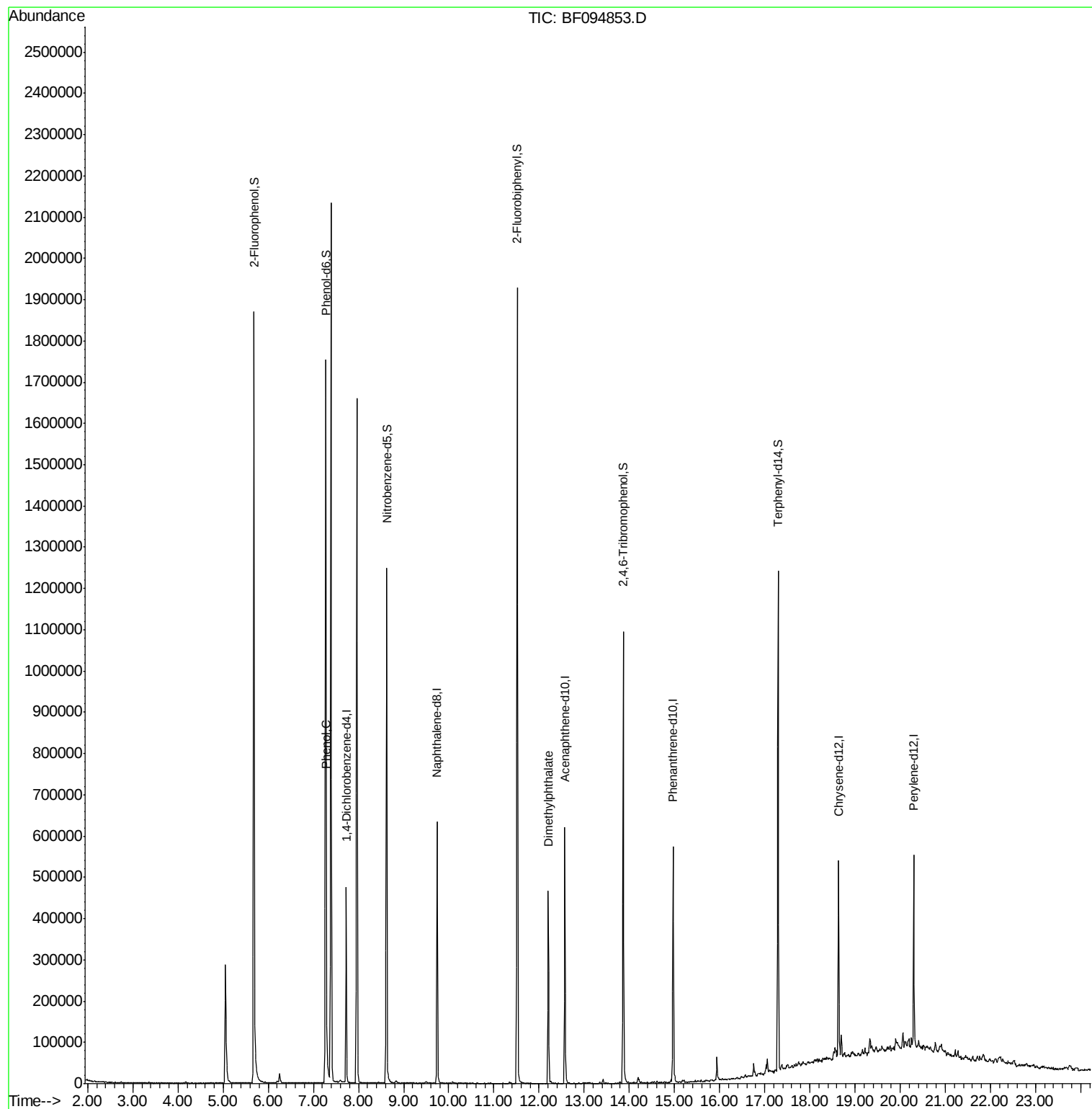
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	94962	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	384092	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	170396	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	279949	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	186032	20.00	ng	-0.02
86) Perylene-d12	20.30	264	175155	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	828190	145.40	ng	0.00
7) Phenol-d6	7.28	99	998498	146.10	ng	0.00
23) Nitrobenzene-d5	8.62	82	578913	95.04	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	172527	123.63	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	782570	66.10	ng	-0.01
78) Terphenyl-d14	17.29	244	446025	52.81	ng	-0.02
Target Compounds						
10) Phenol	7.29	94	27806	3.86	ng	98
49) Dimethylphthalate	12.21	163	263440	18.83	ng	100

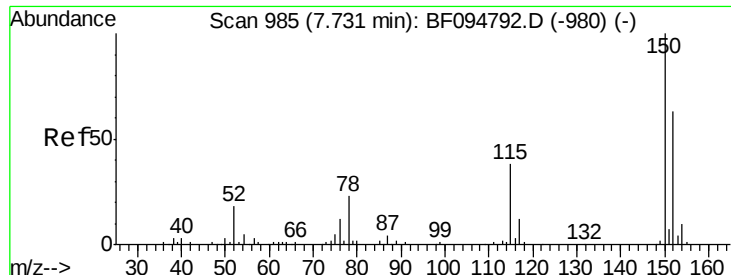
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP(0-7)

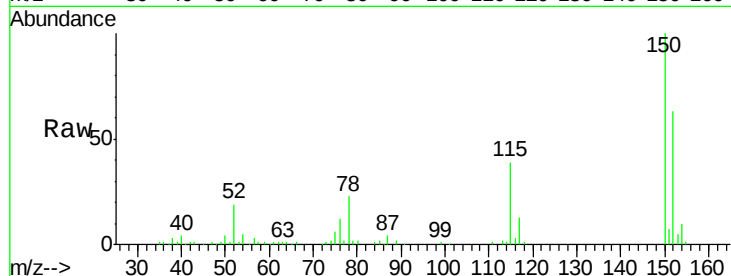
Tgt Ion:152 Resp: 94962

Ion Ratio Lower Upper

152 100

150 159.5 126.2 189.2

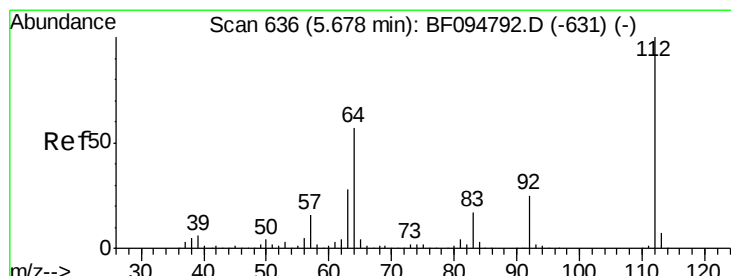
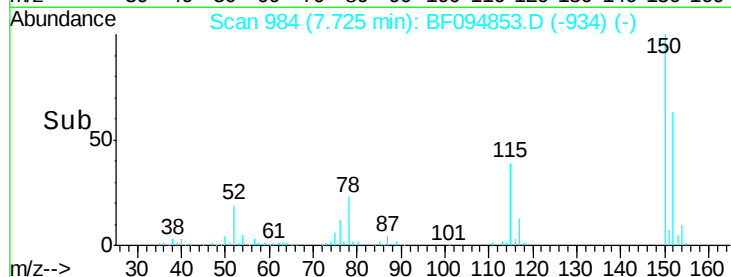
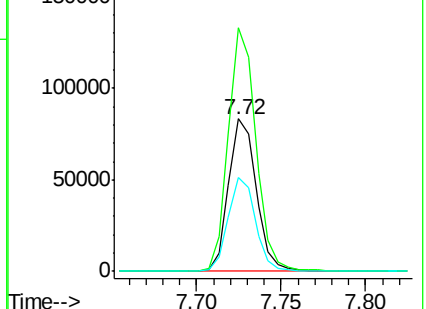
115 61.8 52.2 78.2



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



#5

2-Fluorophenol

Concen: 145.40 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

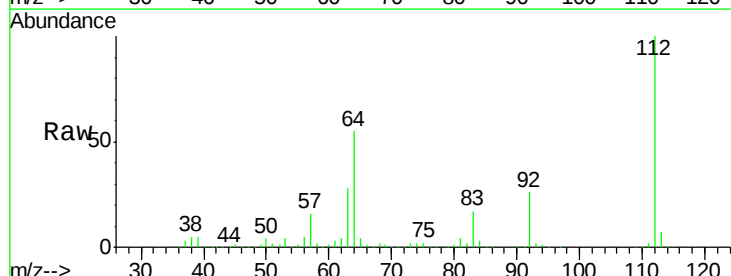
Tgt Ion:112 Resp: 828190

Ion Ratio Lower Upper

112 100

64 54.9 46.0 69.0

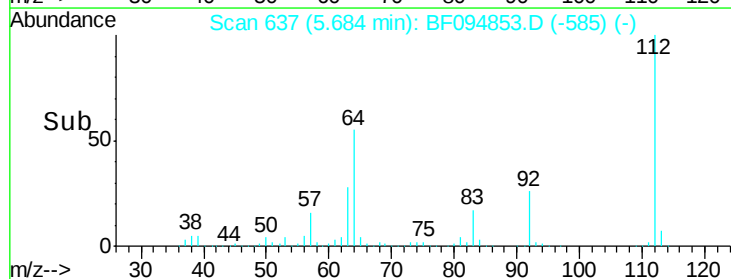
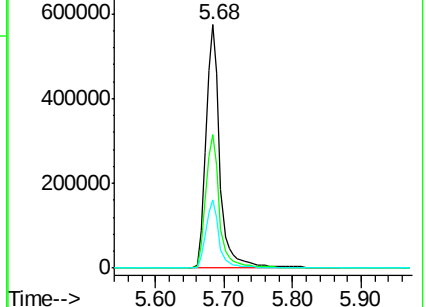
63 27.8 23.4 35.0

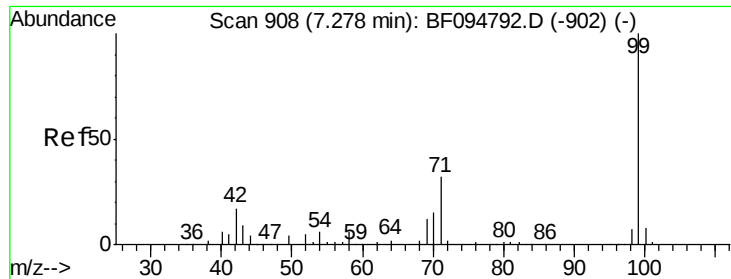


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.10 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP(0-7)

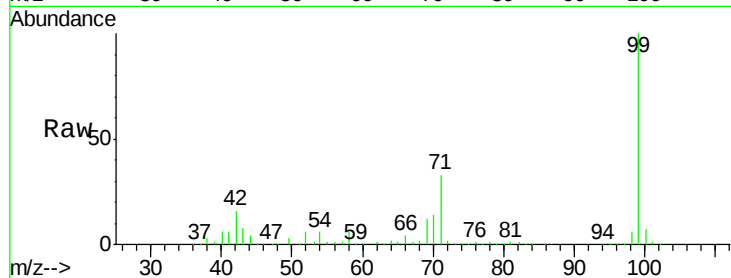
Tgt Ion: 99 Resp: 998498

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

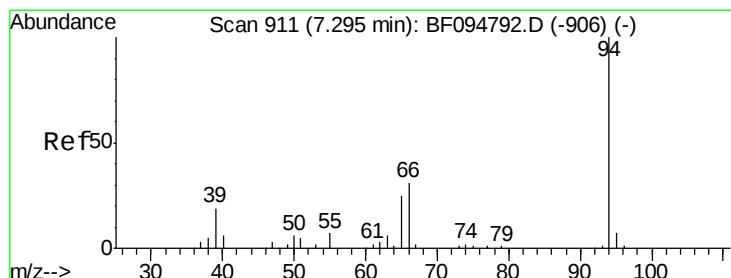
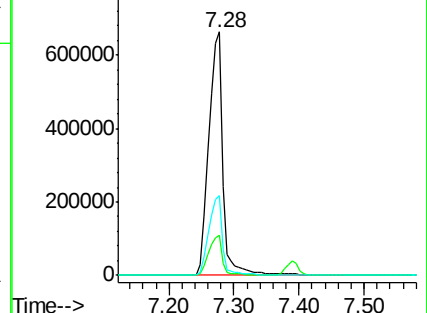
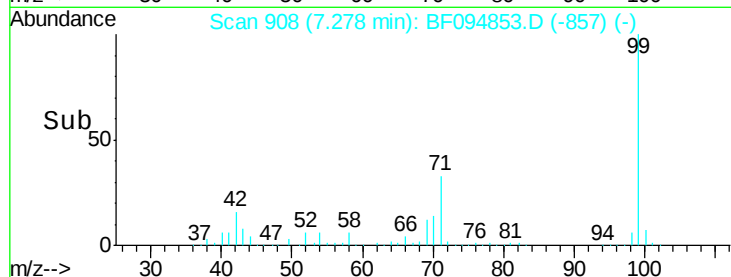
71 32.9 24.5 36.7



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: 3.86 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

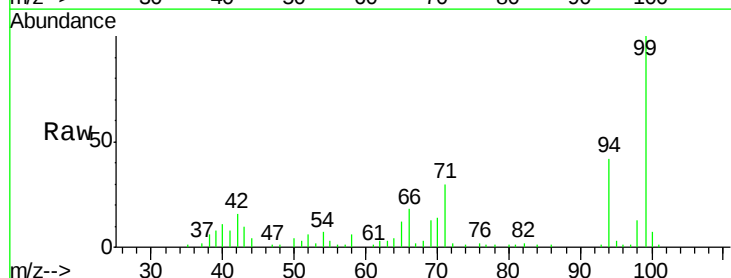
Tgt Ion: 94 Resp: 27806

Ion Ratio Lower Upper

94 100

65 29.1 9.9 49.9

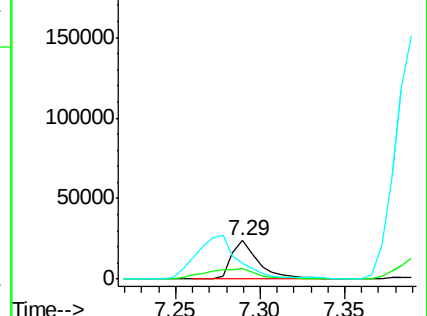
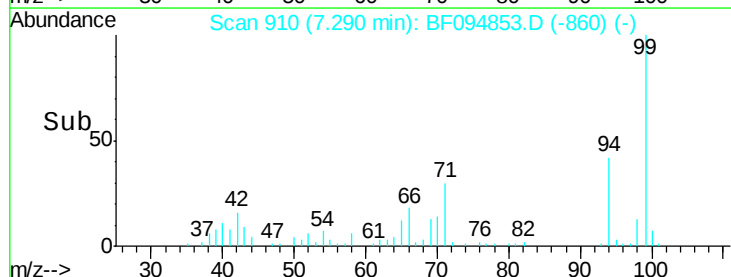
66 42.0 23.1 63.1

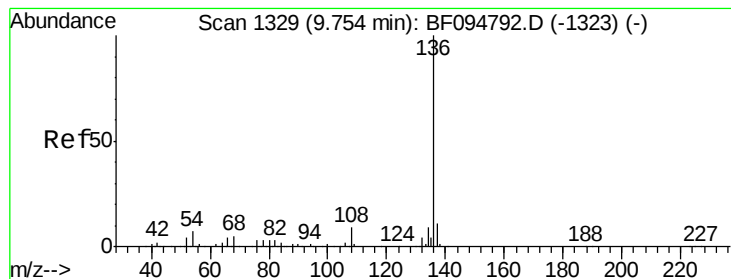


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP(0-7)

Tgt Ion:136 Resp: 384092

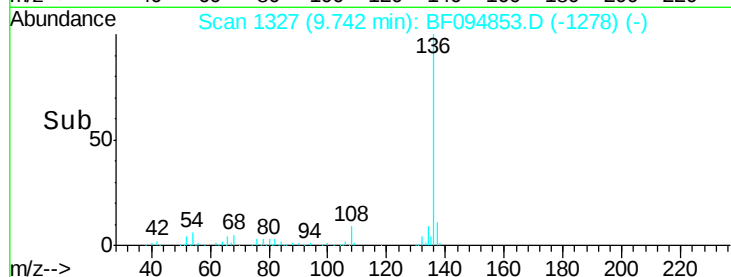
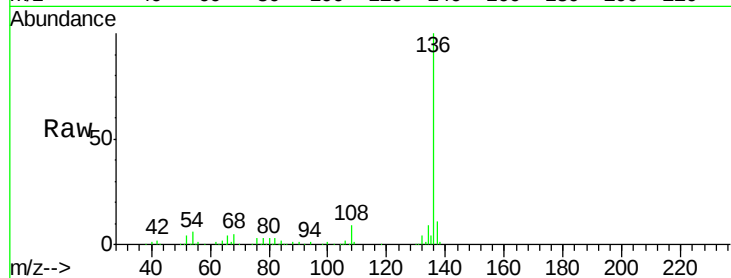
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.4 4.9 7.3

68 5.4 4.1 6.1

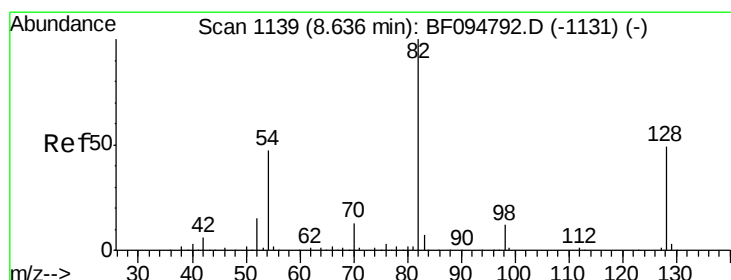
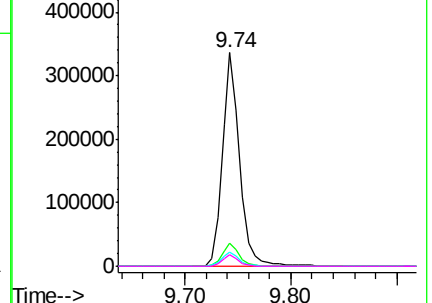


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.04 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

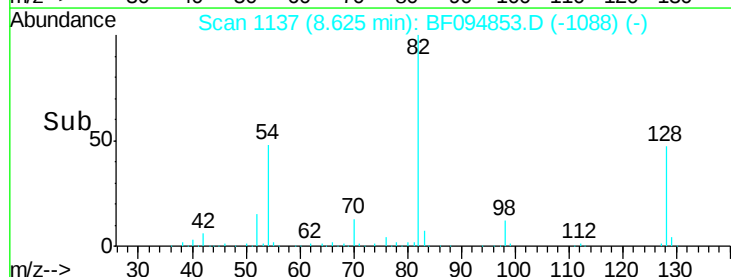
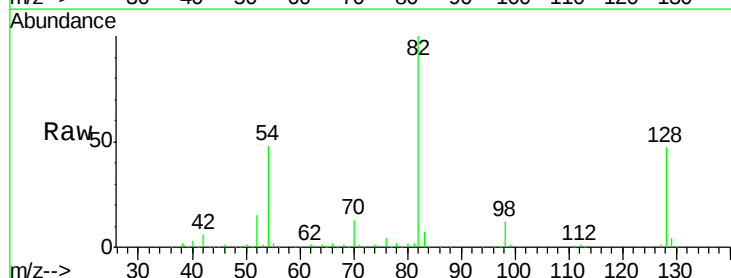
Tgt Ion: 82 Resp: 578913

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

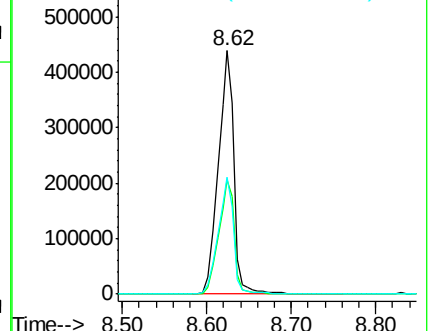
54 48.0 42.2 63.2

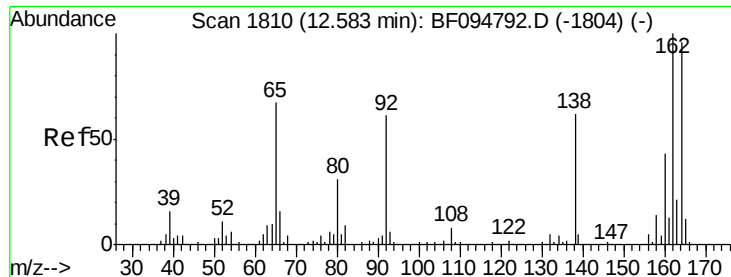


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP(0-7)

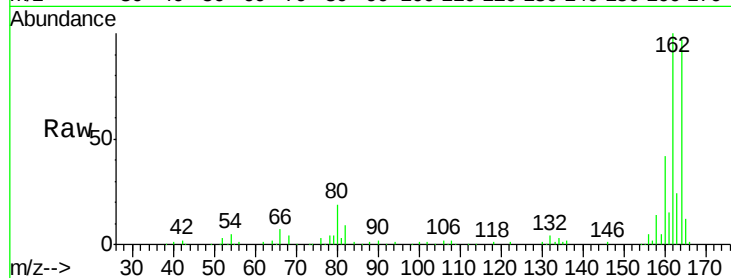
Tgt Ion:164 Resp: 170396

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

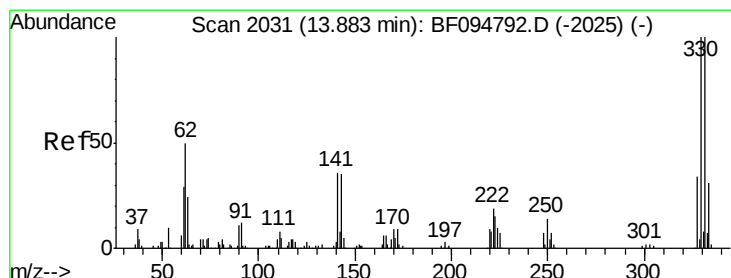
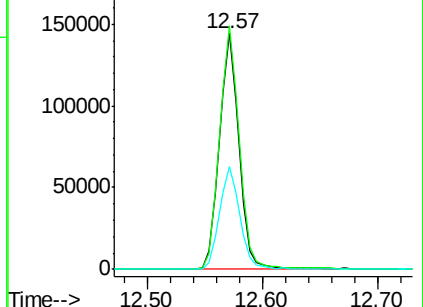
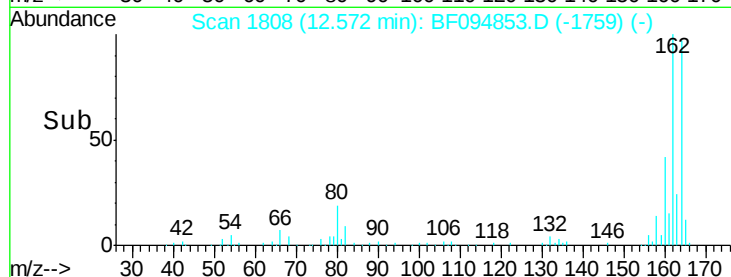
160 43.8 36.2 54.2



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: 123.63 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094853.D

Acq: 4 May 2017 1:22

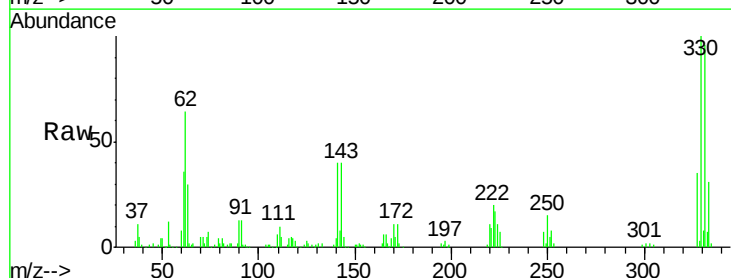
Tgt Ion:330 Resp: 172527

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

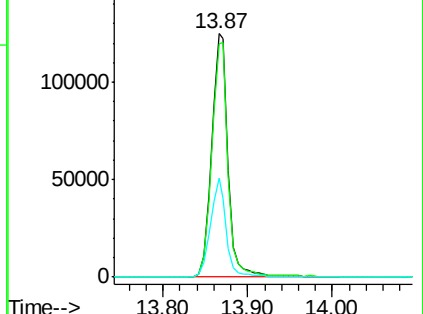
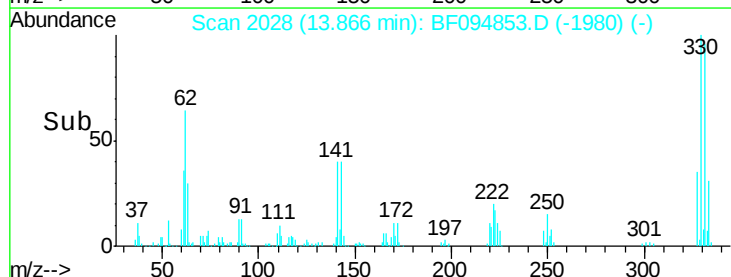
141 38.7 31.4 47.2

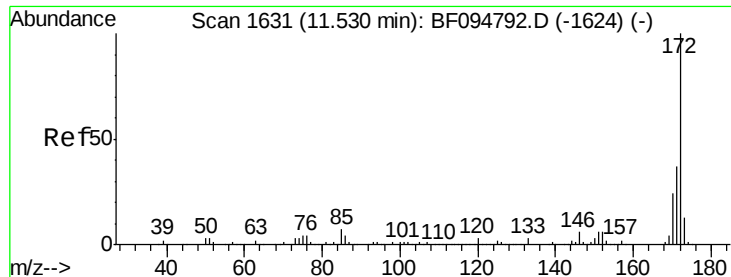


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

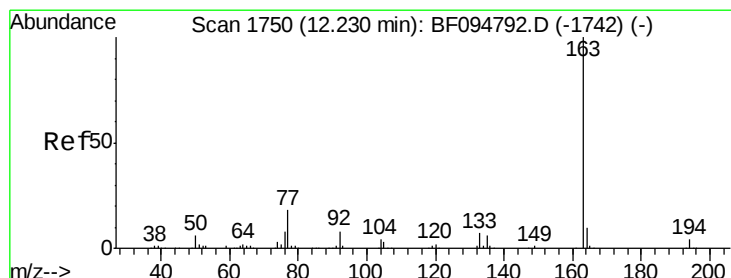
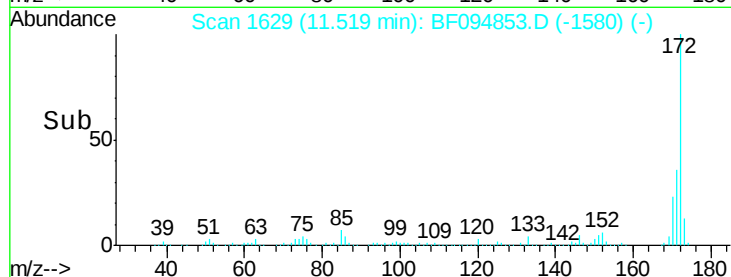
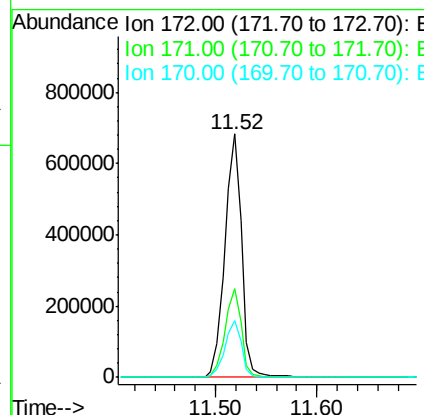
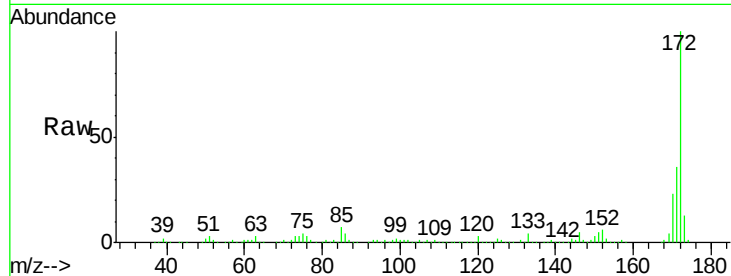




#44
 2-Fluorobiphenyl
 Concen: 66.10 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094853.D
 Acq: 4 May 2017 1:22

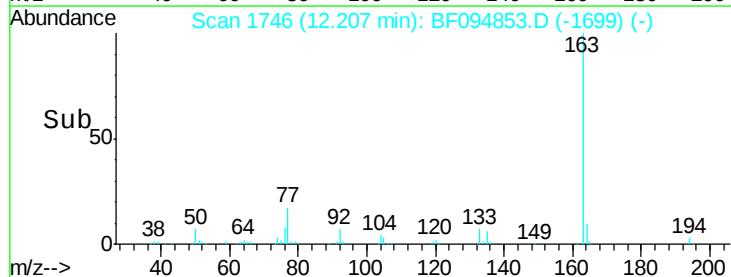
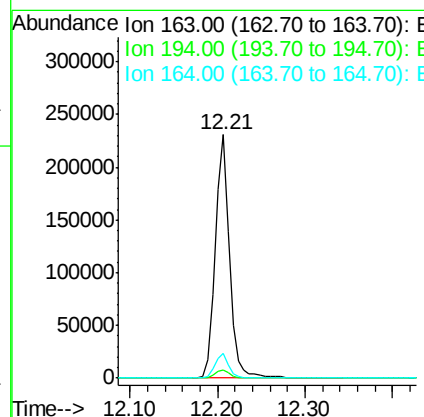
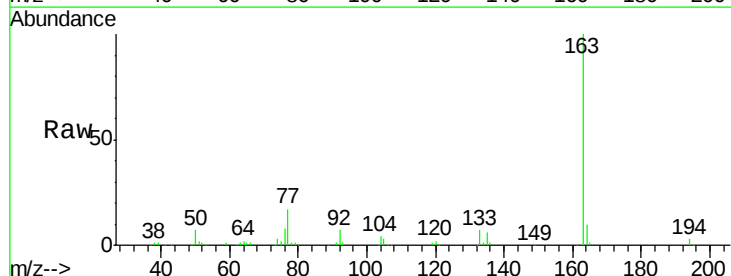
Instrument :
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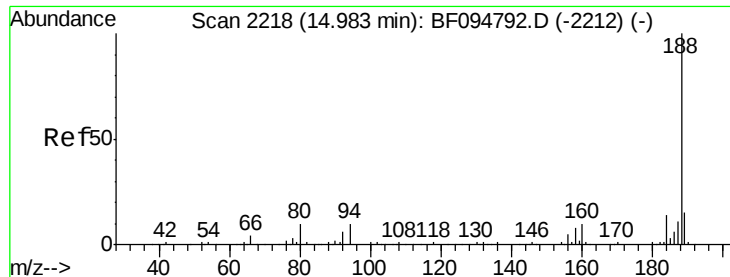
Tgt Ion:172 Resp: 782570
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.5 19.8 29.8



#49
 Dimethylphthalate
 Concen: 18.83 ng
 RT: 12.21 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BF094853.D
 Acq: 4 May 2017 1:22

Tgt Ion:163 Resp: 263440
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.3 8.4 12.6

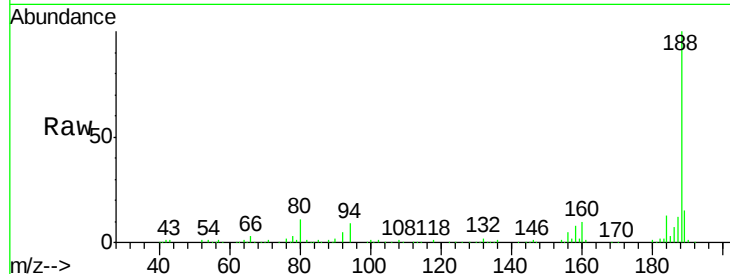




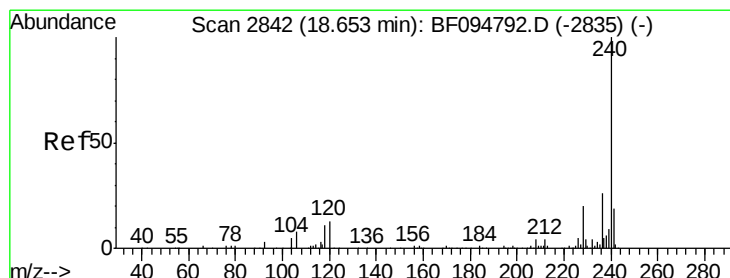
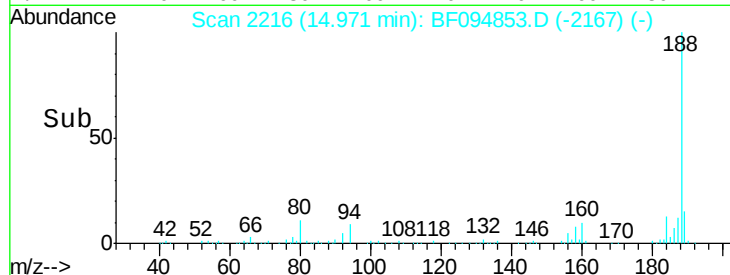
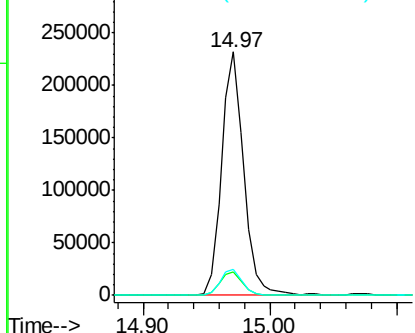
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094853.D
Acq: 4 May 2017 1:22

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)

Tgt Ion:188 Resp: 279949
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 10.7 10.2 15.2

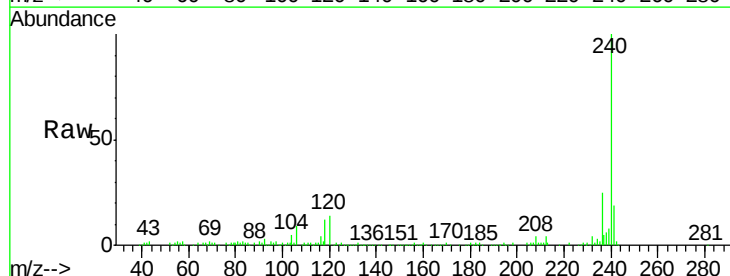


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

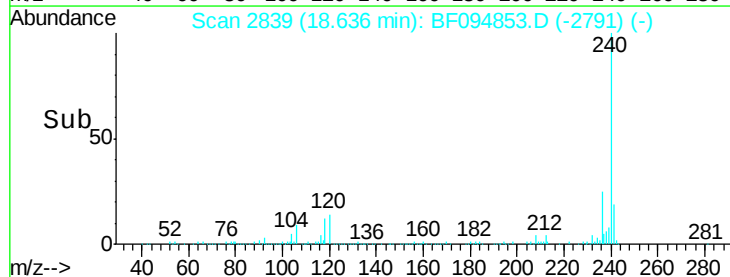
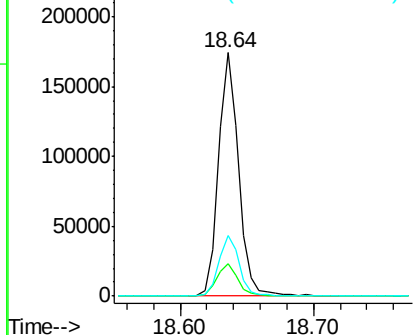


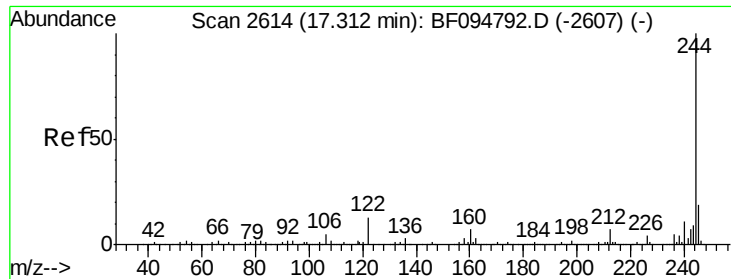
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094853.D
Acq: 4 May 2017 1:22

Tgt Ion:240 Resp: 186032
Ion Ratio Lower Upper
240 100
120 13.5 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

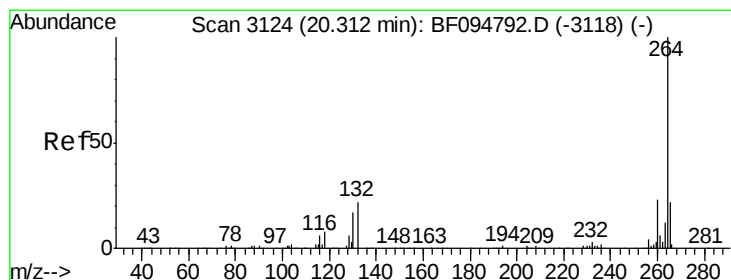
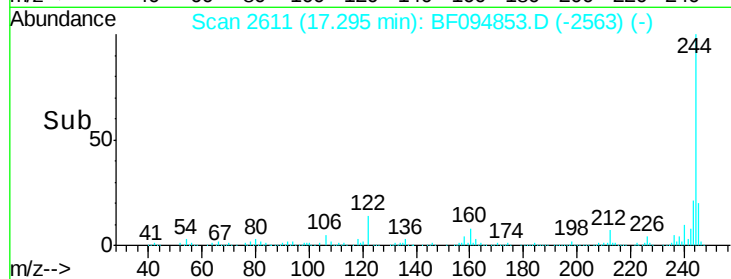
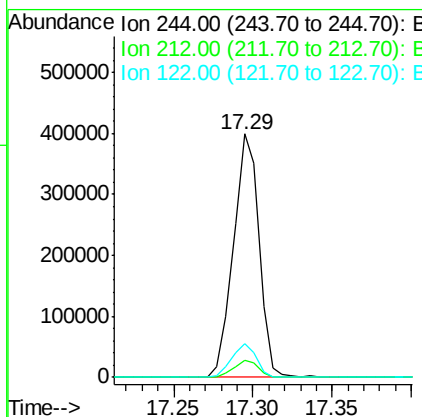
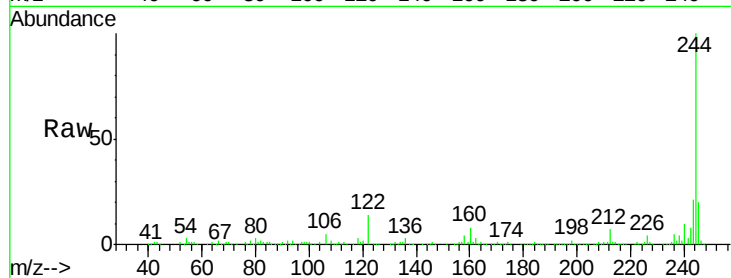




#78
 Terphenyl-d14
 Concen: 52.81 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094853.D
 Acq: 4 May 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)

Tgt Ion:244 Resp: 446025
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094853.D
 Acq: 4 May 2017 1:22

Tgt Ion:264 Resp: 175155
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 20.8 17.2 25.8

