

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095497.D
 Acq On : 27 May 2017 11:56
 Operator : SJ/MA
 Sample : I3349-02RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

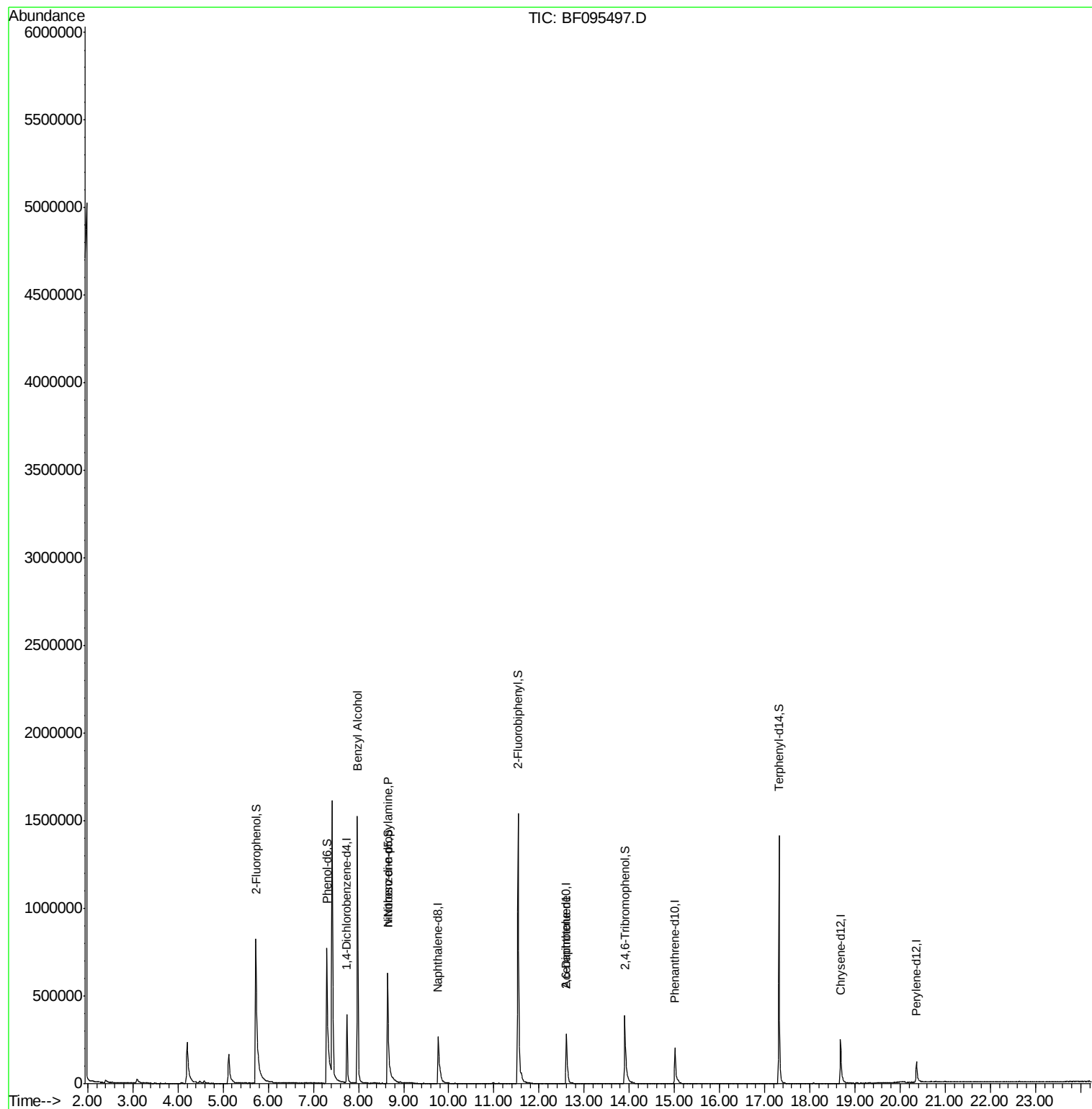
Quant Time: May 28 23:05:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	89337	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	338151	20.00	ng	0.00
38) Acenaphthene-d10	12.60	164	141232	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	169043	20.00	ng	0.01
75) Chrysene-d12	18.68	240	172589	20.00	ng	0.00
86) Perylene-d12	20.37	264	86906	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	722396	134.81	ng	0.02
7) Phenol-d6	7.30	99	820208	127.57	ng	0.00
23) Nitrobenzene-d5	8.65	82	515307	96.09	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	119706	103.49	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1074899	109.55	ng	0.00
78) Terphenyl-d14	17.32	244	630321	80.44	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.98	79	8478	2.05	ng	# 43
19) n-Nitroso-di-n-propylamine	8.65	70	57404	13.20	ng	# 75
50) 2,6-Dinitrotoluene	12.60	165	14144	5.98	ng	# 31

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

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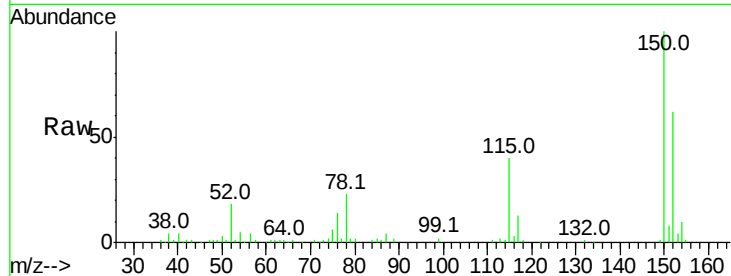




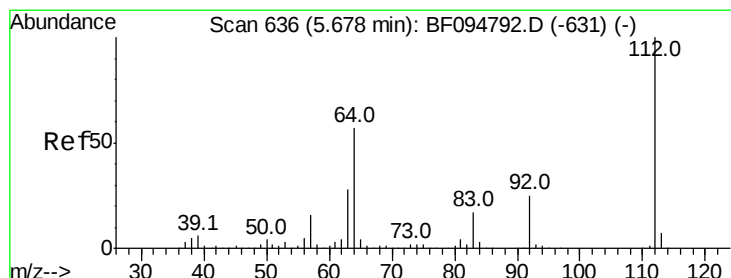
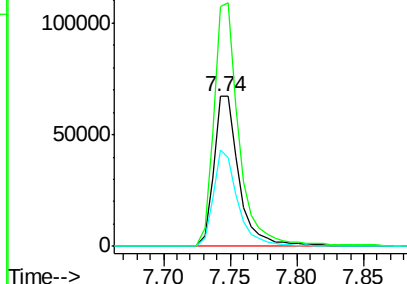
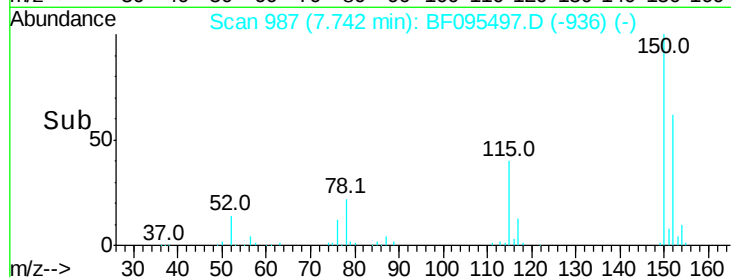
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095497.D
Acq: 27 May 2017 11:56

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	64.1	52.2	78.2



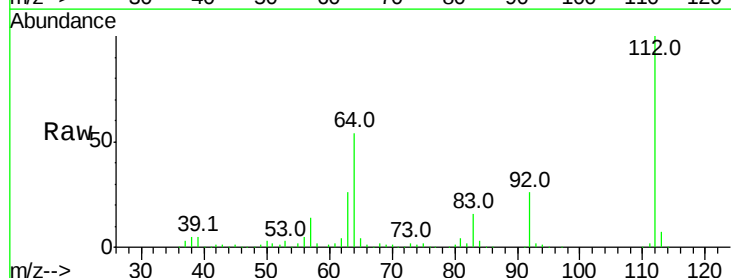
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



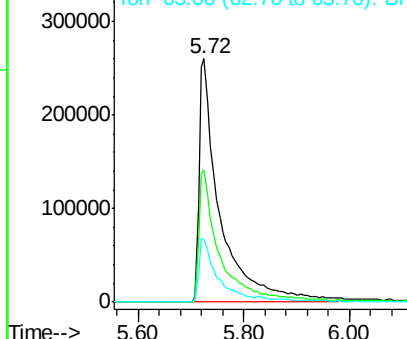
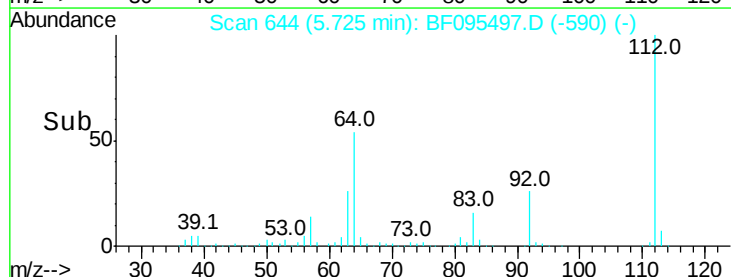
#5

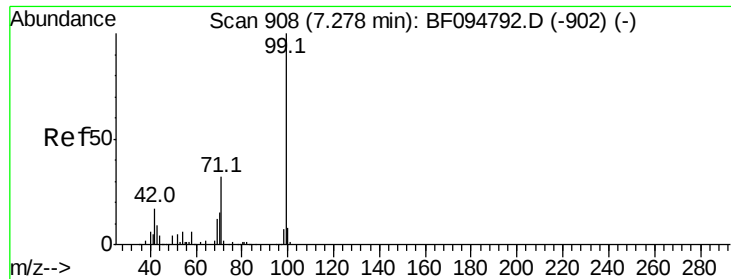
2-Fluorophenol
Concen: 134.81 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095497.D
Acq: 27 May 2017 11:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	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: 127.57 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF095497.D

Acq: 27 May 2017 11:56

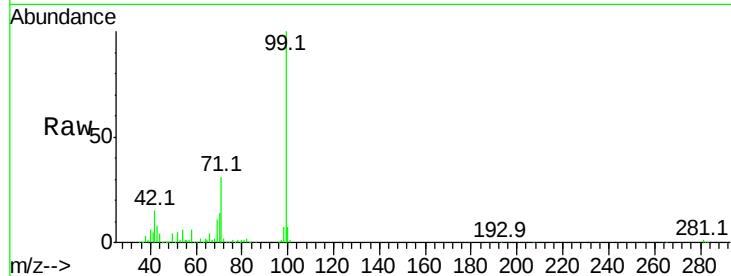
Tot Ion: 99 Resp: 820208

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 31.2 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

400000

300000

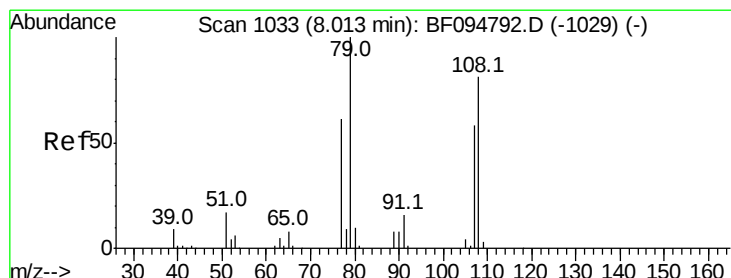
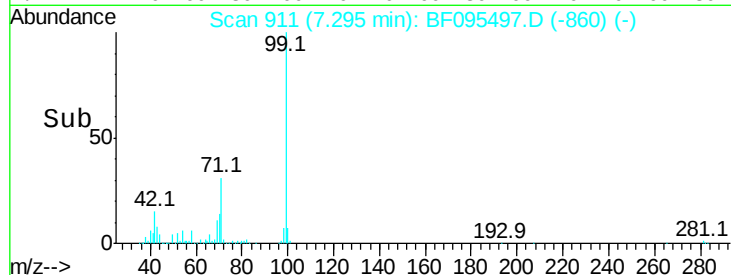
200000

100000

0

7.20 7.40 7.60

Time-->



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.06 min

Lab File: BF095497.D

Acq: 27 May 2017 11:56

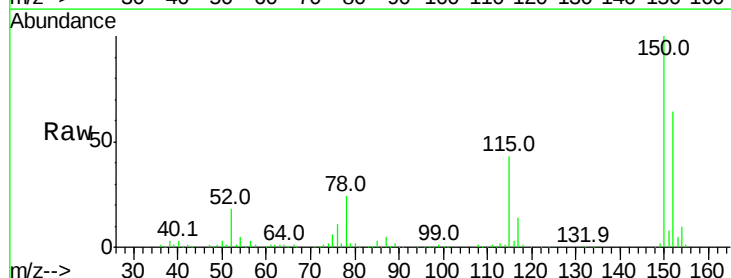
Tgt Ion: 79 Resp: 8478

Ion Ratio Lower Upper

79 100

108 36.7 63.4 95.0#

77 114.1 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

10000

8000

6000

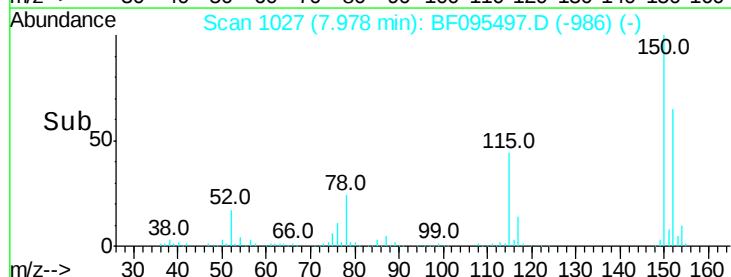
4000

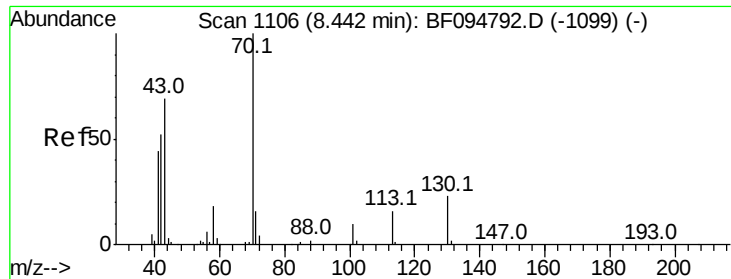
2000

0

7.95 8.00

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 13.20 ng

RT: 8.65 min Scan# 1141

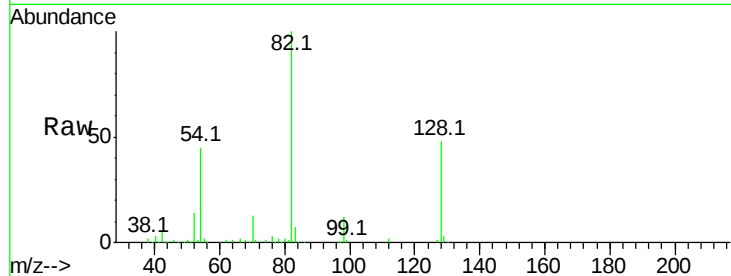
Delta R.T. 0.19 min

Lab File: BF095497.D

Acq: 27 May 2017 11:56

Tot Ion: 70 Resp: 57404

Ion	Ratio	Lower	Upper
70	100		
42	43.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

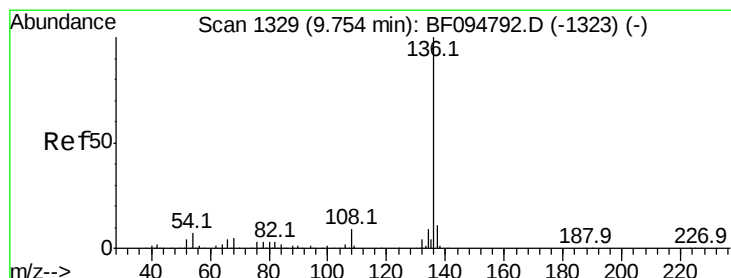
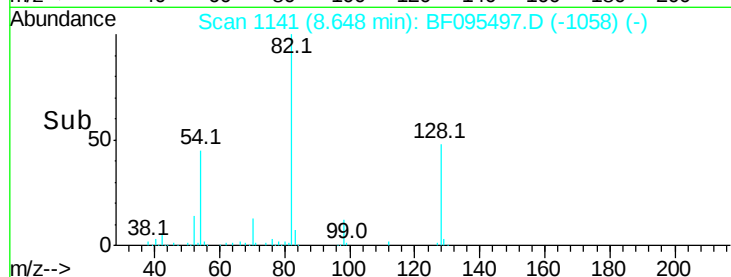
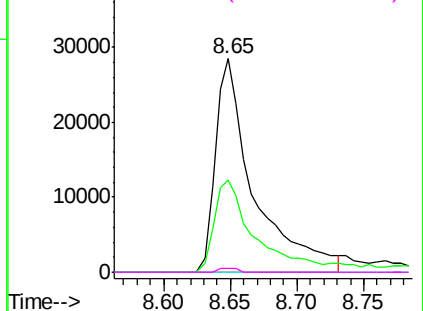


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.77 min Scan# 1331

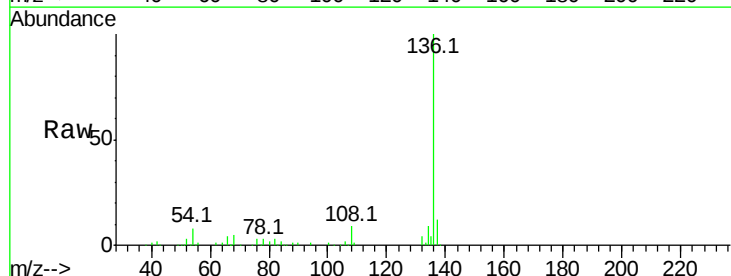
Delta R.T. 0.01 min

Lab File: BF095497.D

Acq: 27 May 2017 11:56

Tgt Ion: 136 Resp: 338151

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	7.6	4.9	7.3#
68	5.3	4.1	6.1

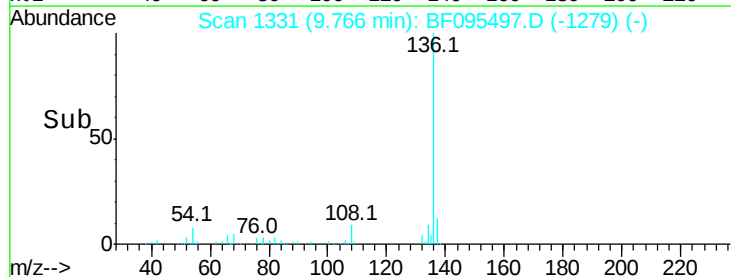
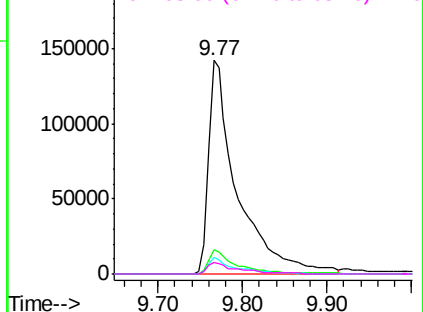


Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 96.09 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF095497.D

Acq: 27 May 2017 11:56

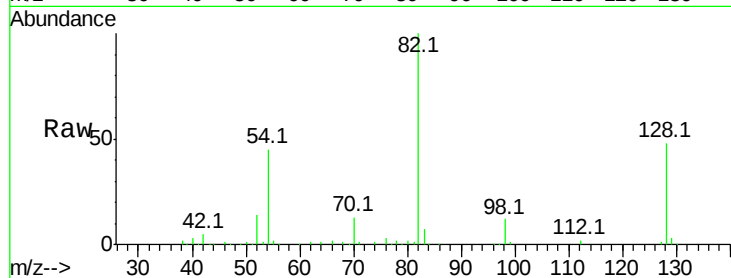
Tot Ion: 82 Resp: 515307

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

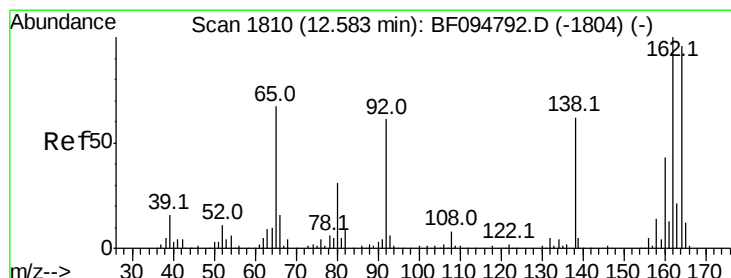
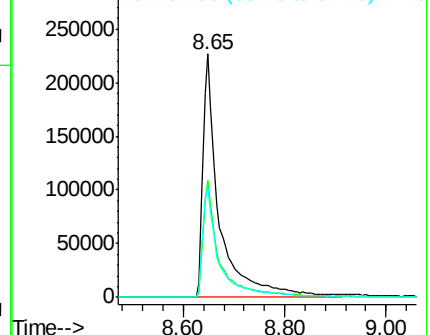
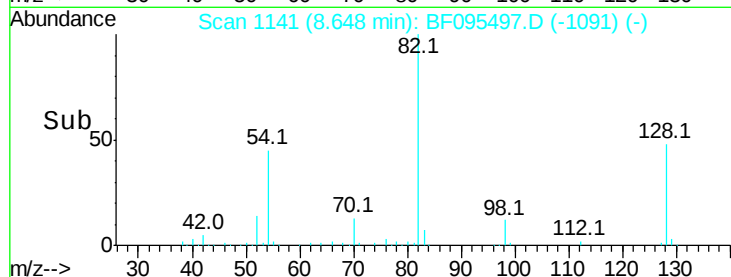
54 45.5 42.2 63.2



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: 12.60 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF095497.D

Acq: 27 May 2017 11:56

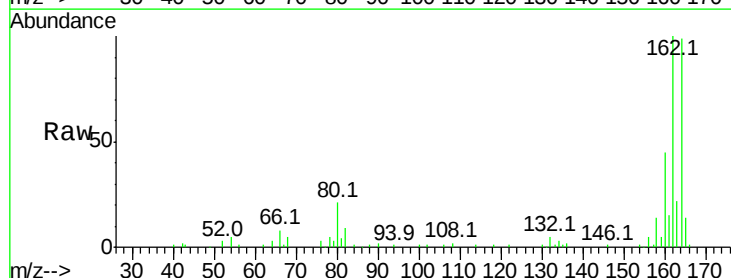
Tgt Ion:164 Resp: 141232

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

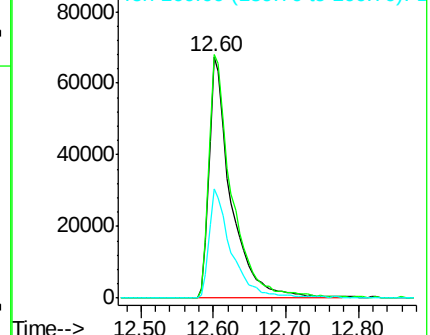
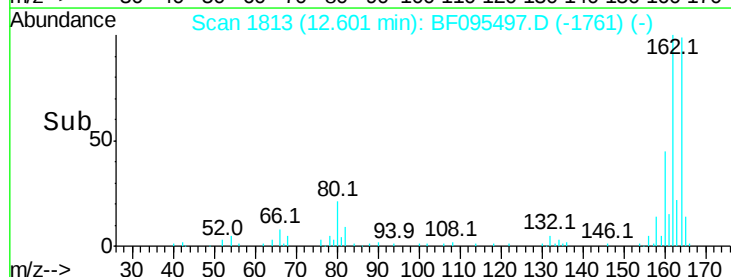
160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

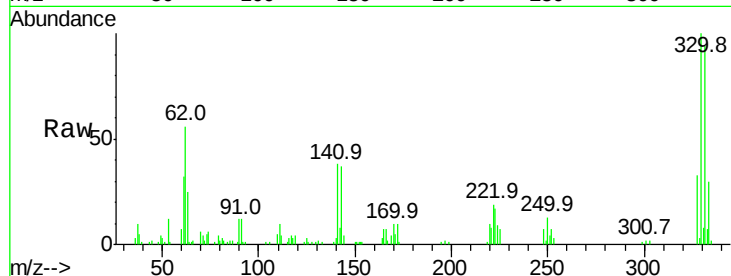
Ion 160.00 (159.70 to 160.70): E



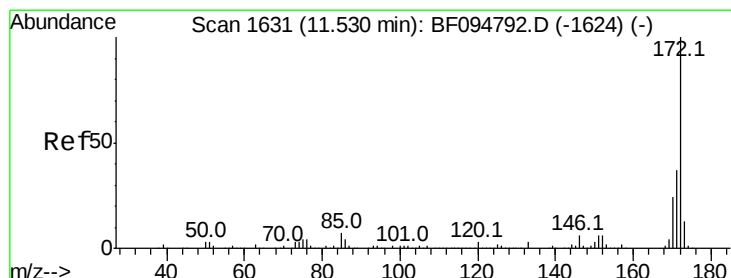
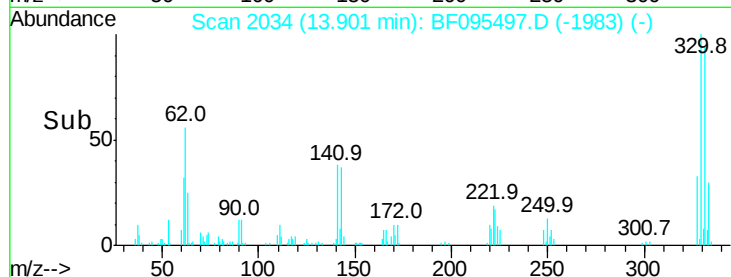
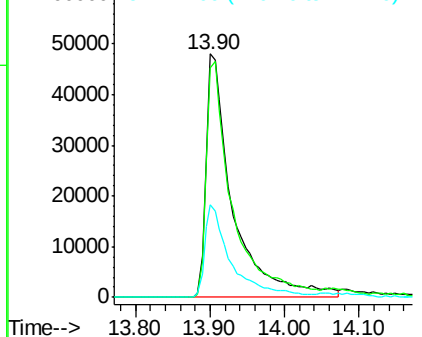


#41
 2,4,6-Tribromophenol
 Concen: 103.49 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095497.D
 Acq: 27 May 2017 11:56

Tot Ion:330 Resp: 119706
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 37.4 31.4 47.2

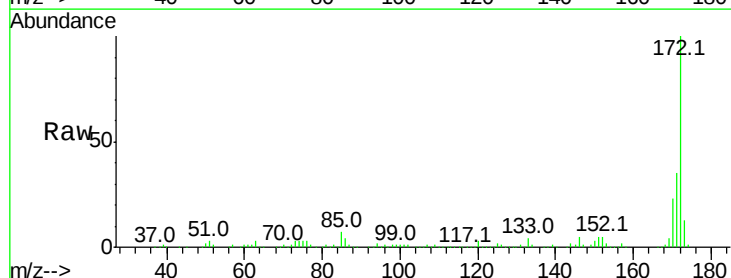


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

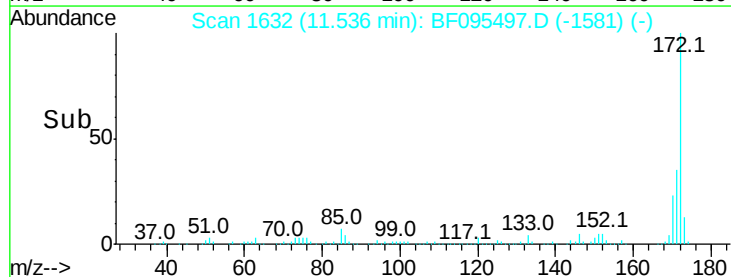
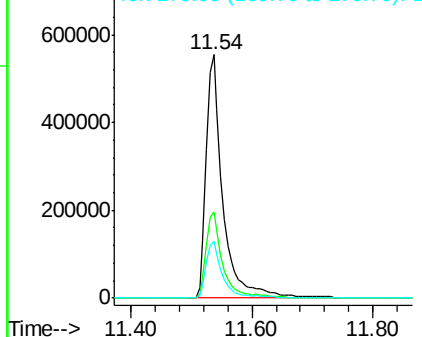


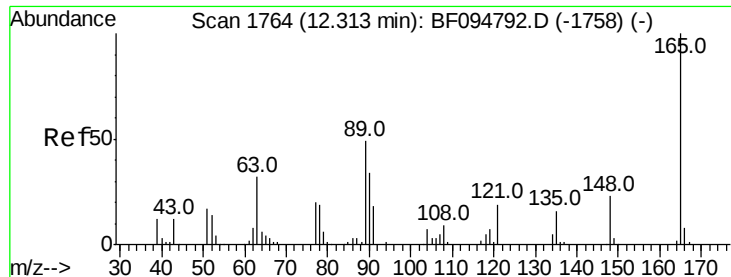
#44
 2-Fluorobiphenyl
 Concen: 109.55 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095497.D
 Acq: 27 May 2017 11:56

Tgt Ion:172 Resp: 1074899
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.2 19.8 29.8



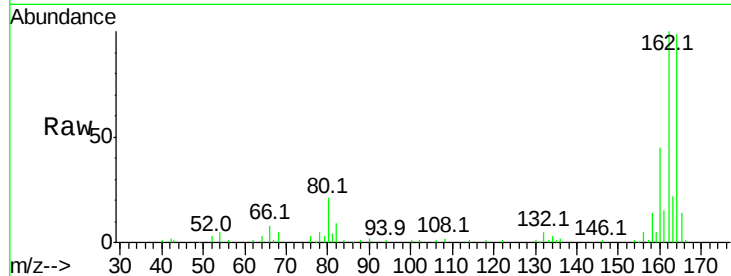
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



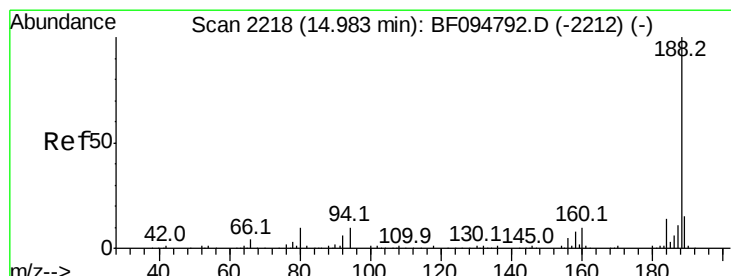
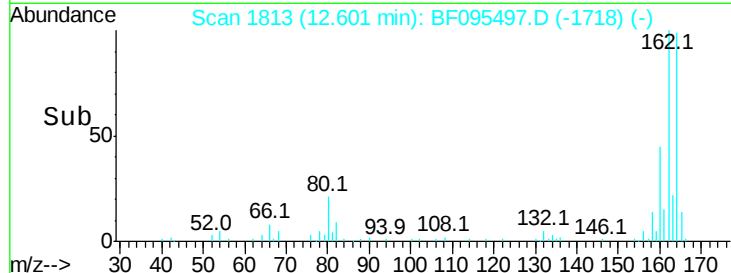
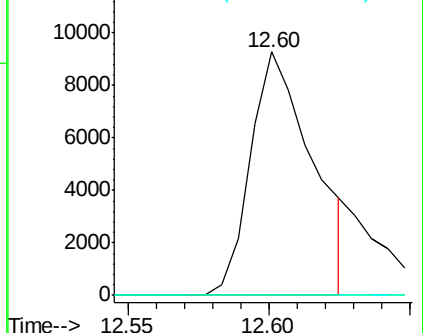


#50
 2,6-Dinitrotoluene
 Concen: 5.98 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095497.D
 Acq: 27 May 2017 11:56

Tot Ion:165 Resp: 14144
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

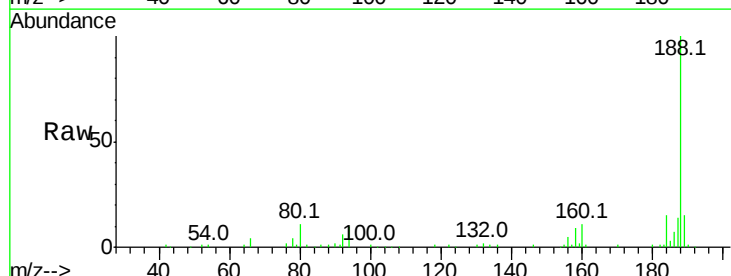


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

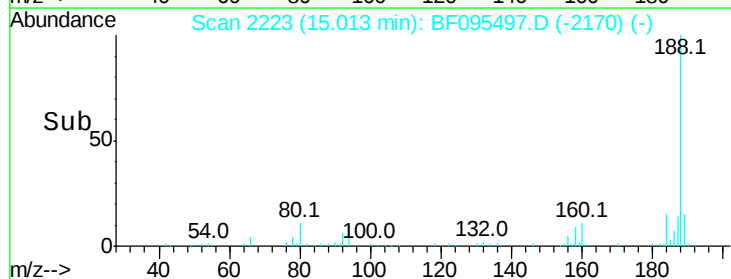
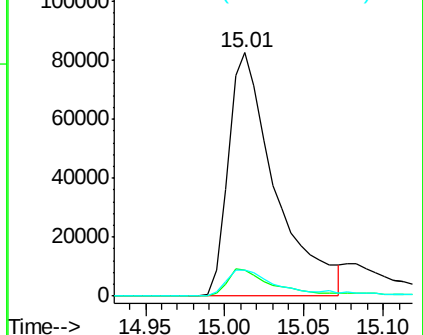


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BF095497.D
 Acq: 27 May 2017 11:56

Tgt Ion:188 Resp: 169043
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.7 10.2 15.2



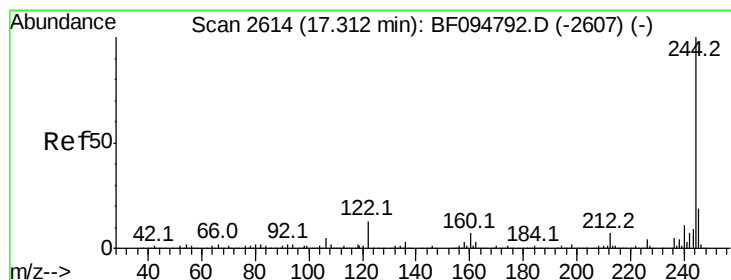
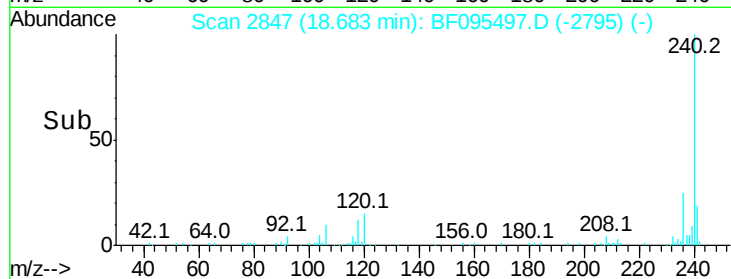
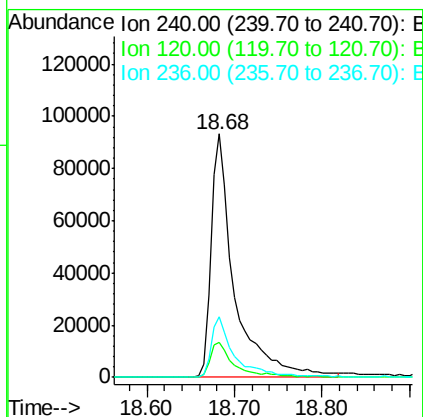
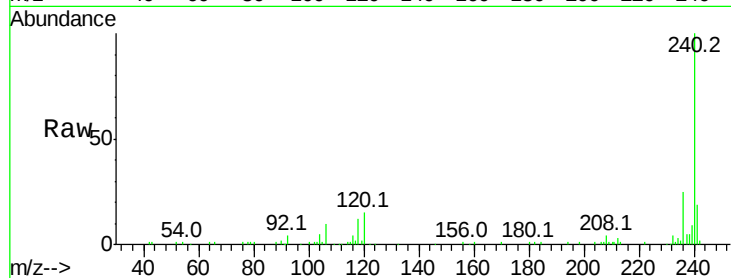
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





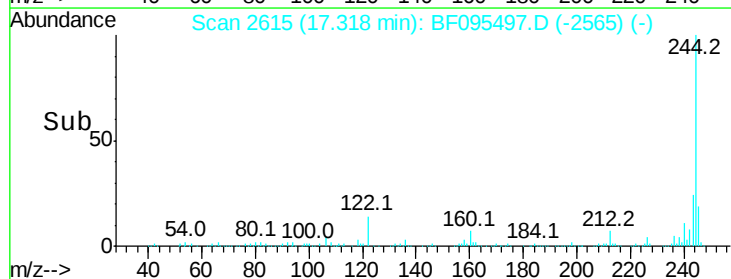
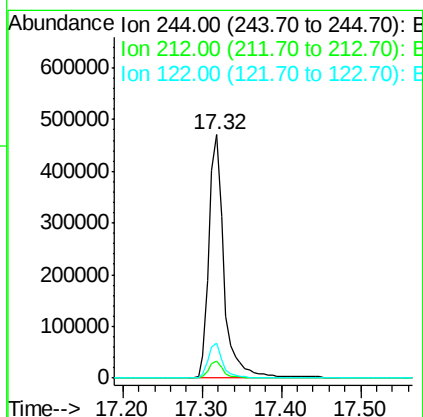
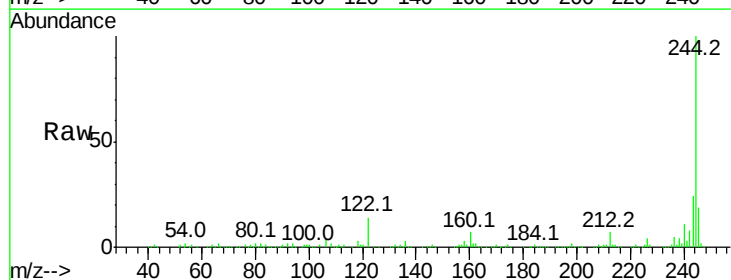
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095497.D
 Acq: 27 May 2017 11:56

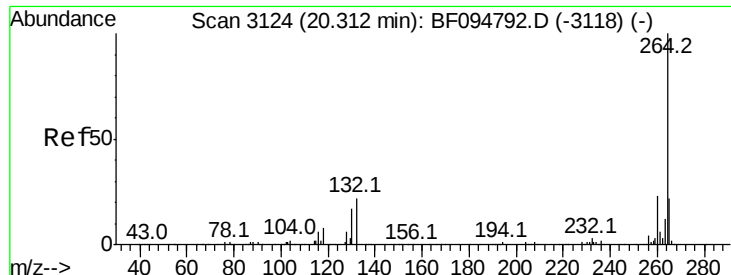
Tot Ion:240 Resp: 172589
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 80.44 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095497.D
 Acq: 27 May 2017 11:56

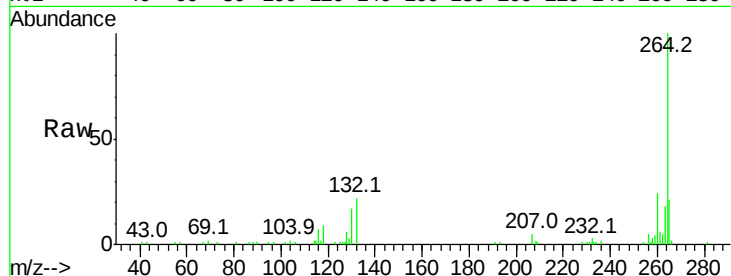
Tgt Ion:244 Resp: 630321
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BF095497.D
Acq: 27 May 2017 11:56

Tot Ion:	264	Resp:	86906
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

