

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109949.D
 Acq On : 18 Oct 2018 4:25
 Operator : JU/SJ
 Sample : J5543-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101618-SIDI-E-U-M

Quant Time: Oct 18 12:09:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

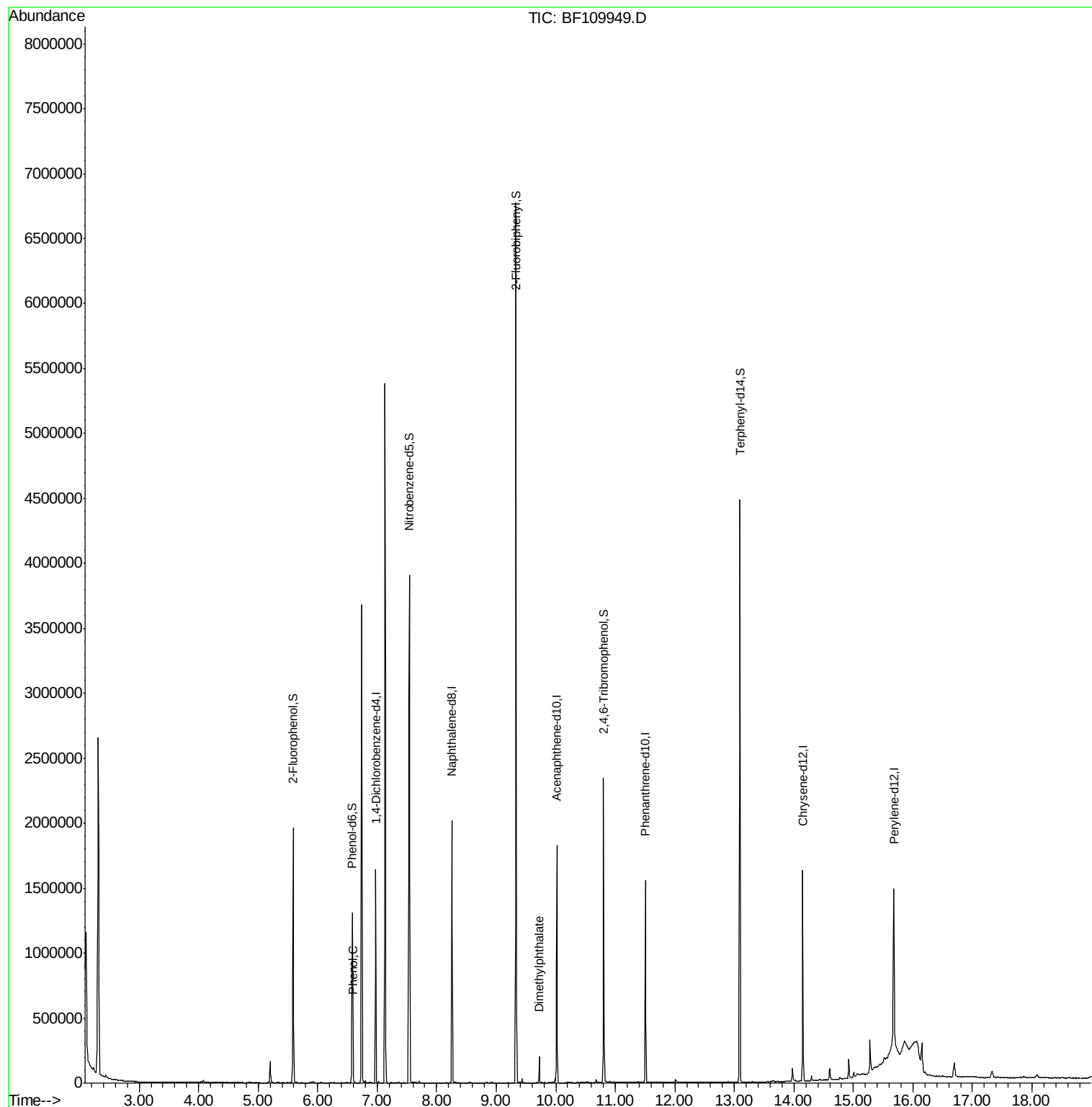
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	210421	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	817037	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	338980	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	530863	20.00	ng	0.00
76) Chrysene-d12	14.15	240	506875	20.00	ng	-0.01
87) Perylene-d12	15.68	264	507499	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	558601	42.08	ng	0.00
7) Phenol-d6	6.58	99	417481	25.33	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1277620	105.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	262369	89.40	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2157141	101.54	ng	0.00
79) Terphenyl-d14	13.09	244	1525797	63.21	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	45465	2.555	ng	Qvalue # 59
50) Dimethylphthalate	9.72	163	66213	2.759	ng	99

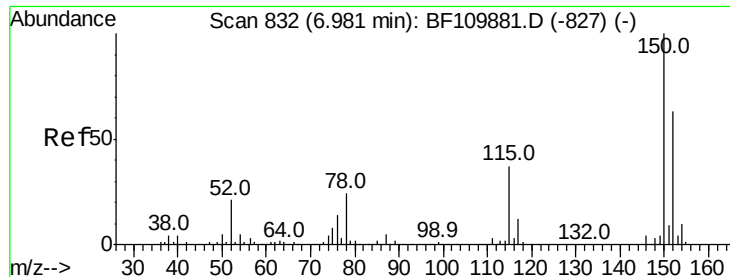
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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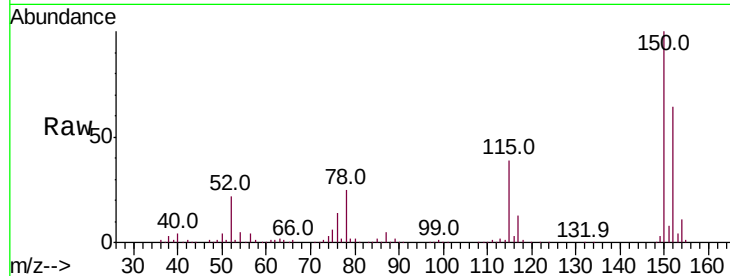


#1

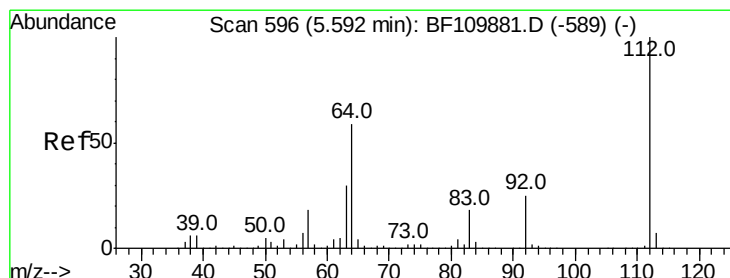
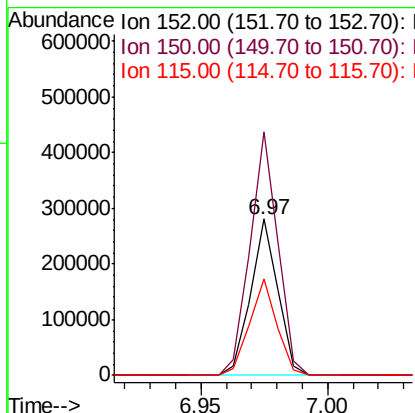
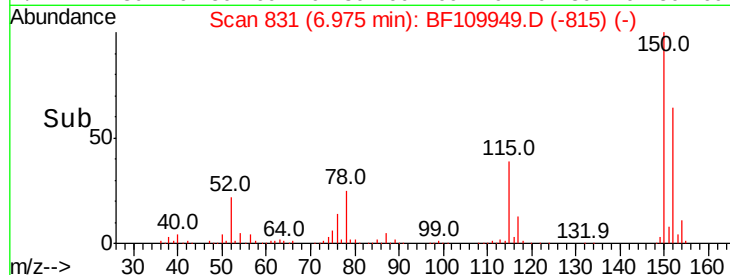
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :
101618-SIDI-E-U-M

Tot Ion:152 Resp: 210421
Ion Ratio Lower Upper
152 100
150 155.8 122.7 184.1
115 61.3 49.1 73.7



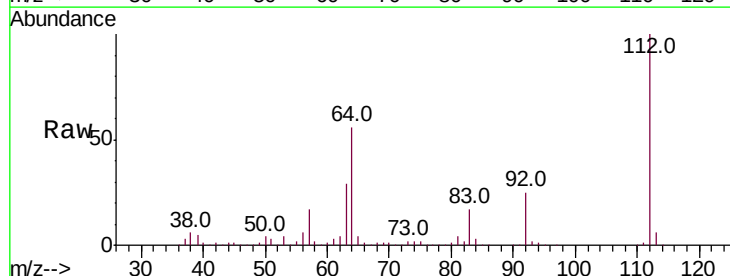
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



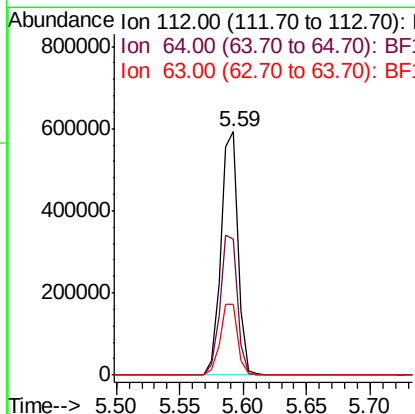
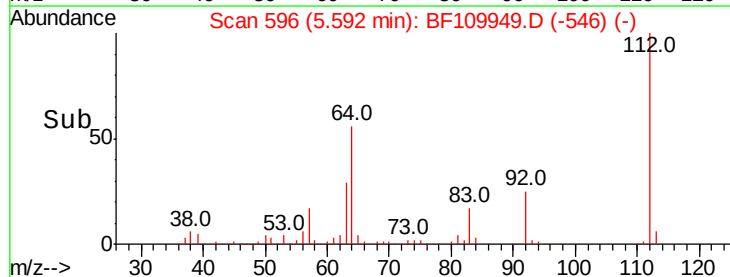
#5

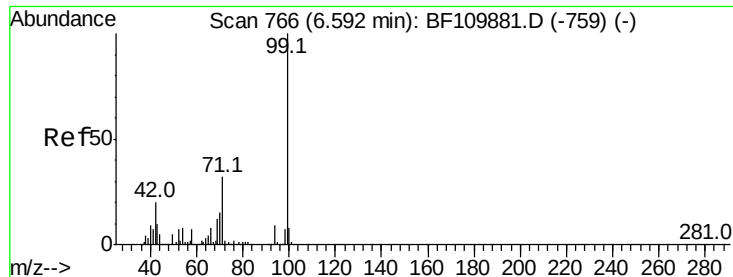
2-Fluorophenol
Concen: 42.080 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:112 Resp: 558601
Ion Ratio Lower Upper
112 100
64 56.0 44.1 66.1
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.327 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109949.D

Acq: 18 Oct 2018 4:25

Instrument :

BNA_F

ClientSampleId :

101618-SIDI-E-U-M

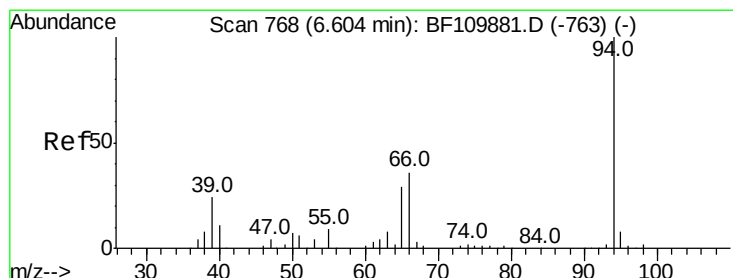
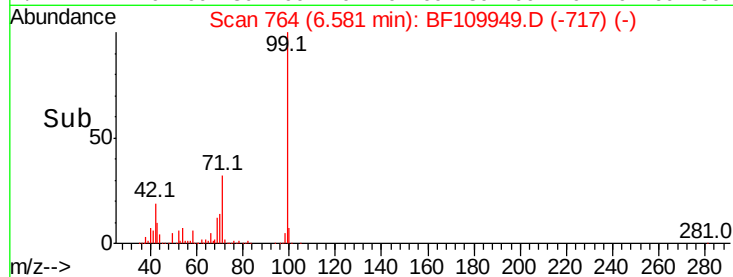
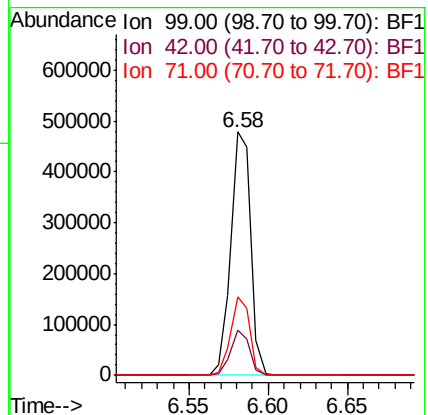
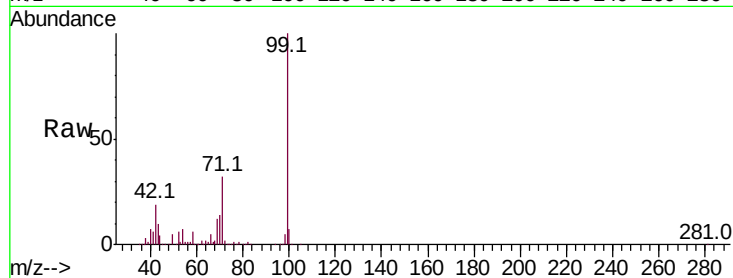
Tot Ion: 99 Resp: 417481

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

71 32.3 28.0 42.0



#10

Phenol

Concen: 2.555 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109949.D

Acq: 18 Oct 2018 4:25

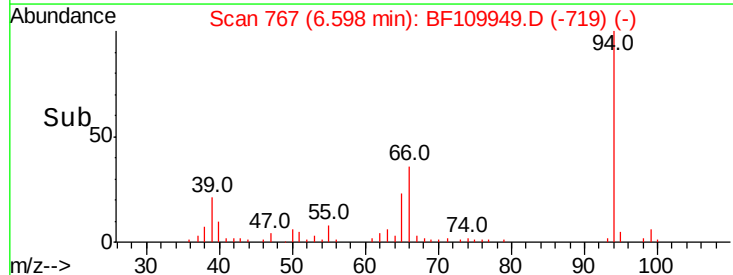
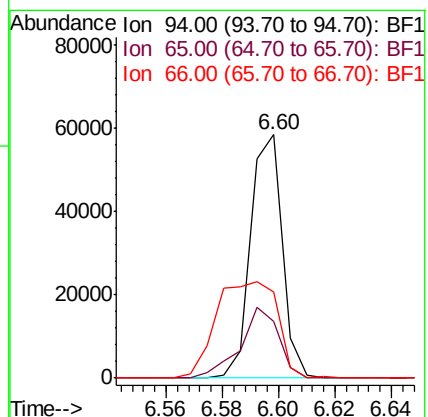
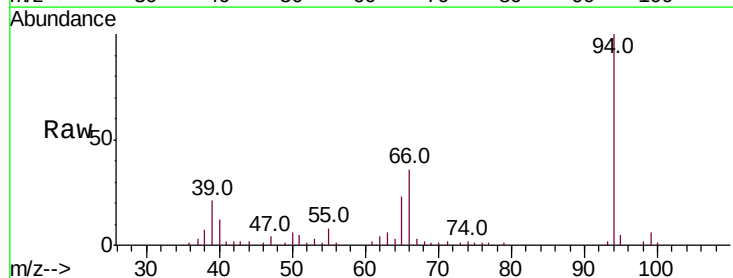
Tgt Ion: 94 Resp: 45465

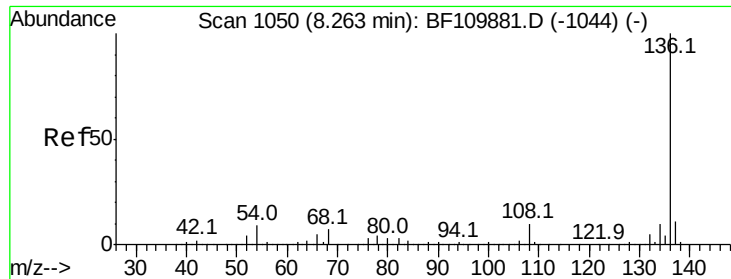
Ion Ratio Lower Upper

94 100

65 23.5 25.3 65.3#

66 35.6 54.5 94.5#

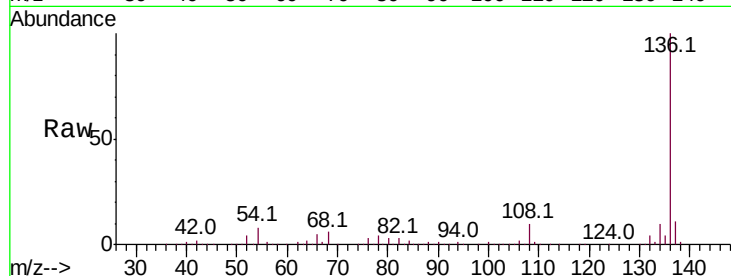




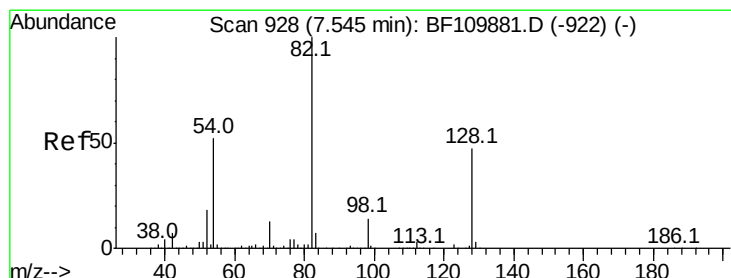
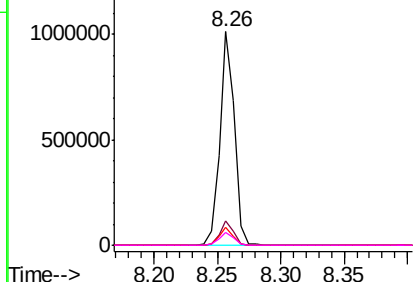
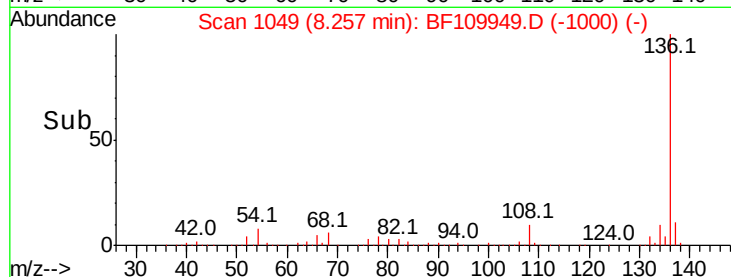
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :
101618-SIDI-E-U-M

Tot Ion:136	Resp:	817037
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.3	5.4 8.2#
68	6.3	4.2 6.2#

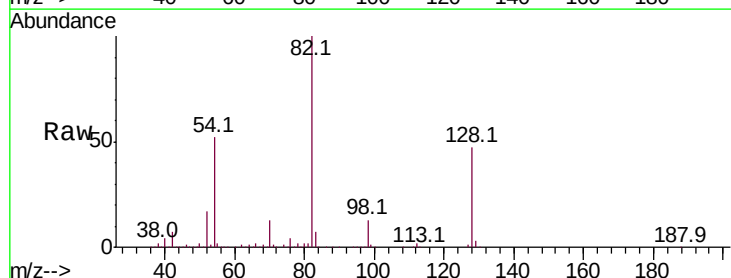


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

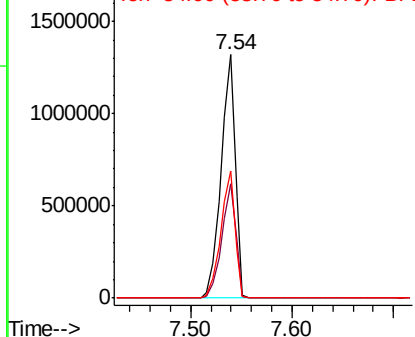
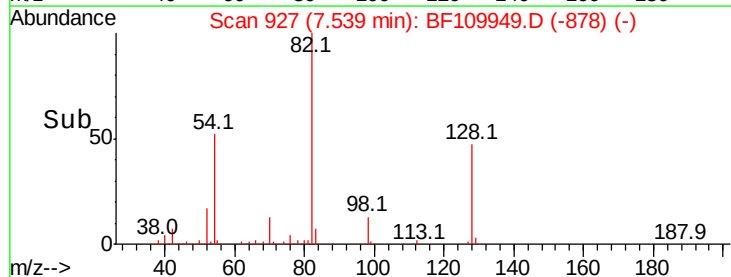


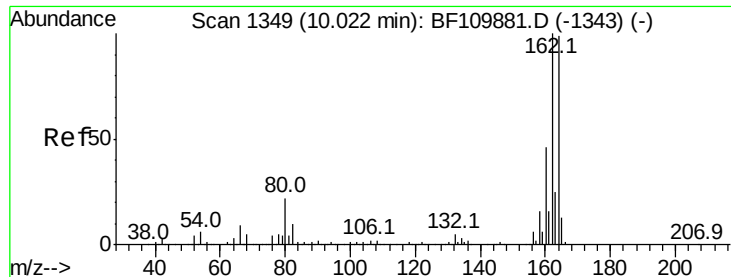
#23
Nitrobenzene-d5
Concen: 105.339 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion: 82	Resp:	1277620
Ion Ratio	Lower	Upper
82	100	
128	46.9	34.2 51.2
54	52.3	38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109949.D

Acq: 18 Oct 2018 4:25

Instrument :

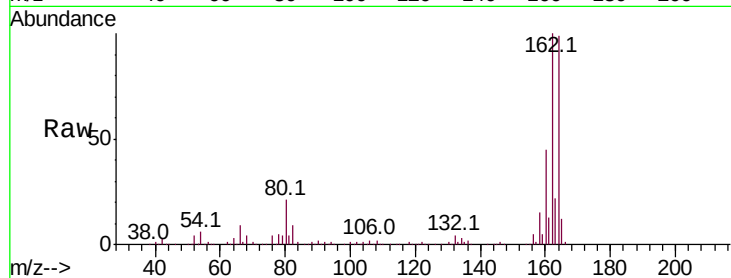
BNA_F

ClientSampleId :

101618-SIDI-E-U-M

Tot Ion:164 Resp: 338980

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.0	124.6
160	45.0	37.0	55.6

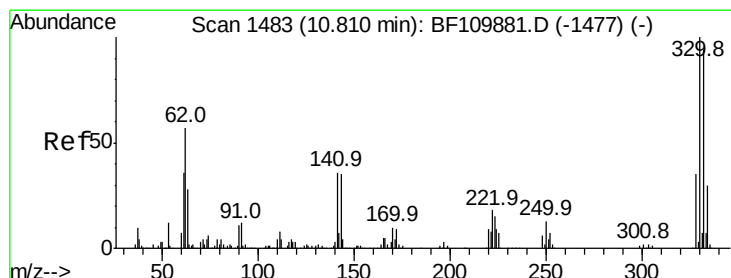
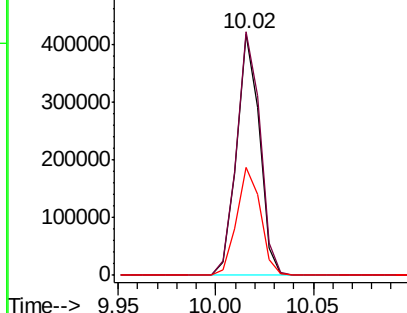
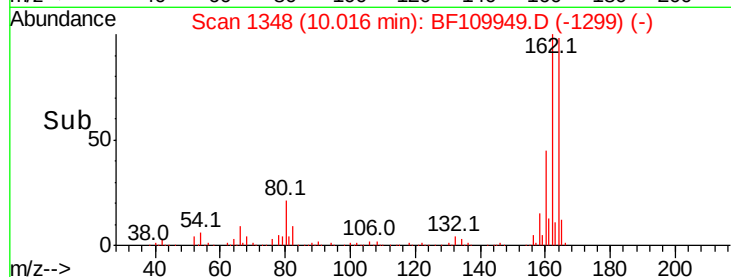


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 89.399 ng

RT: 10.80 min Scan# 1482

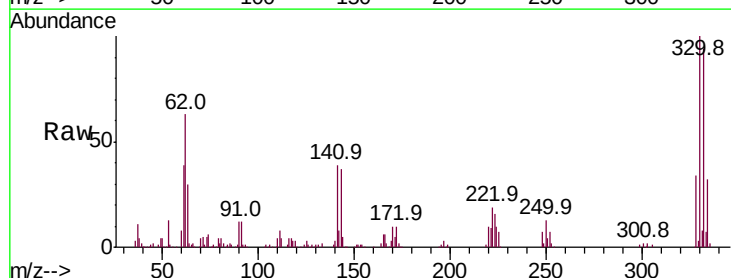
Delta R.T. -0.01 min

Lab File: BF109949.D

Acq: 18 Oct 2018 4:25

Tgt Ion:330 Resp: 262369

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	34.5	27.0	40.4

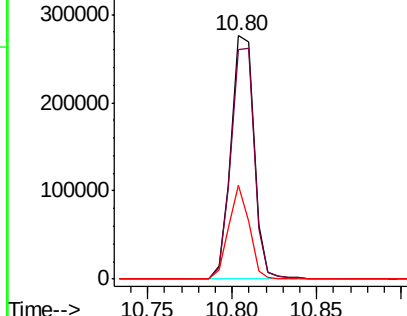
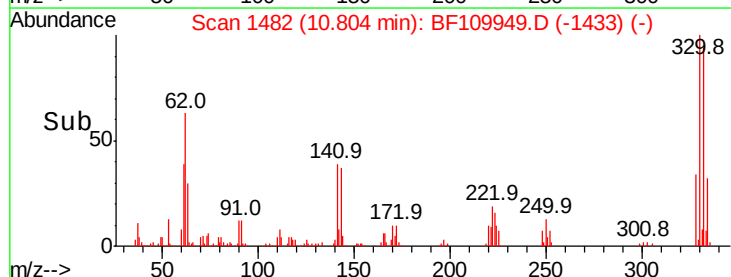


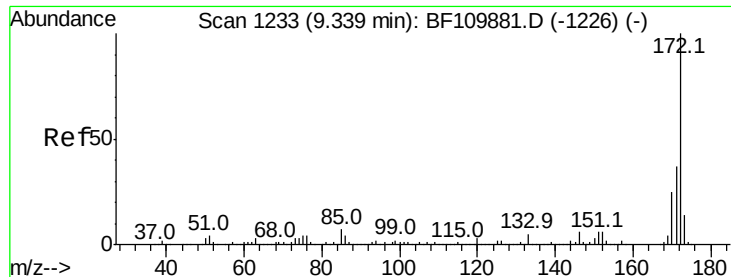
Abundance

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

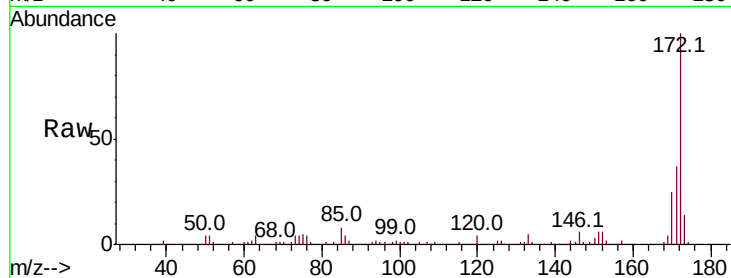




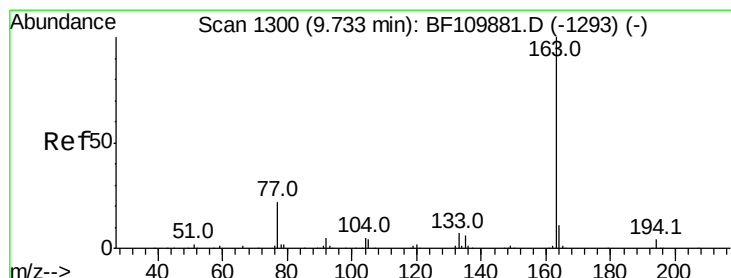
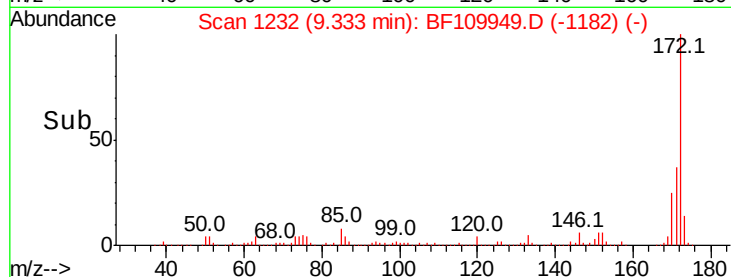
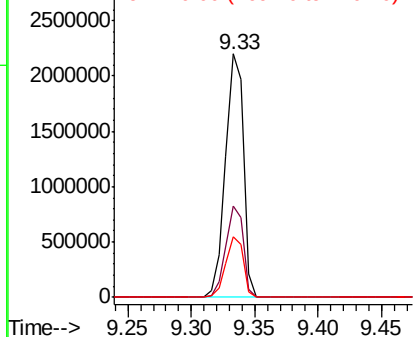
#45
2-Fluorobiphenyl
Concen: 101.541 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Instrument :
BNA_F
ClientSampleId :
101618-SIDI-E-U-M

Tot Ion:172 Resp: 2157141
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 25.0 19.7 29.5

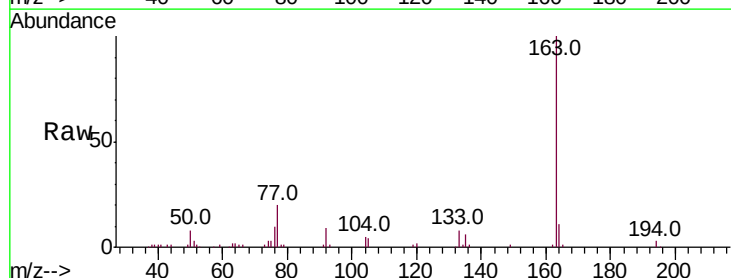


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

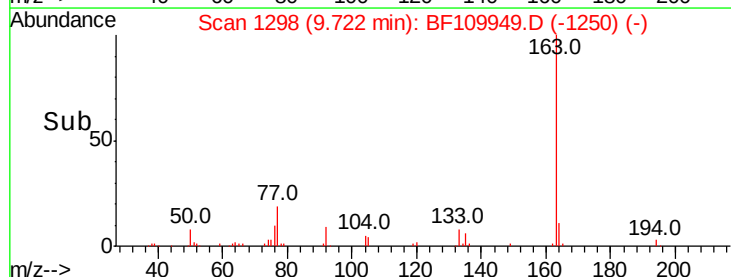
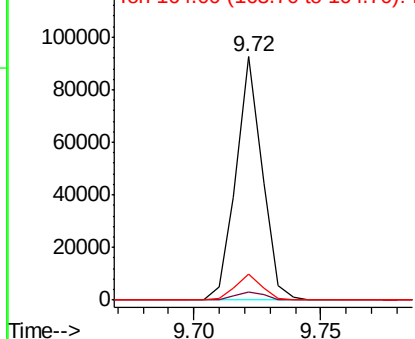


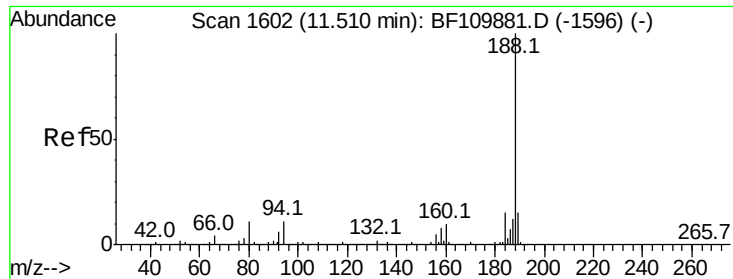
#50
Dimethylphthalate
Concen: 2.759 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:163 Resp: 66213
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

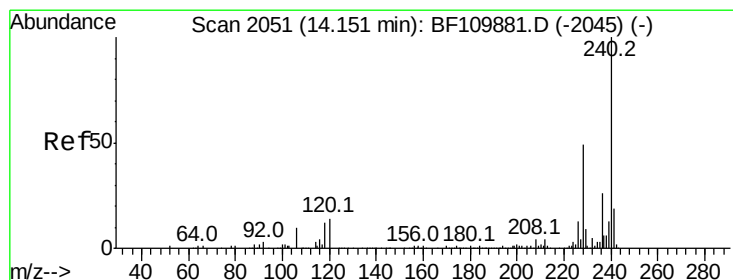
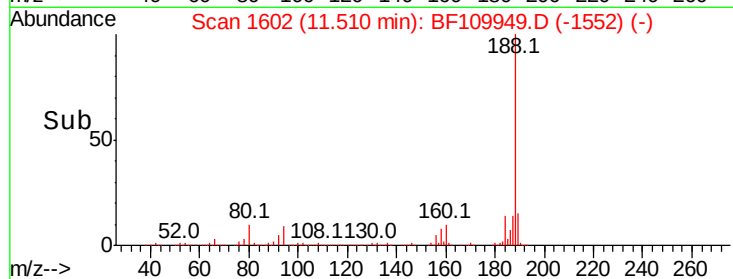
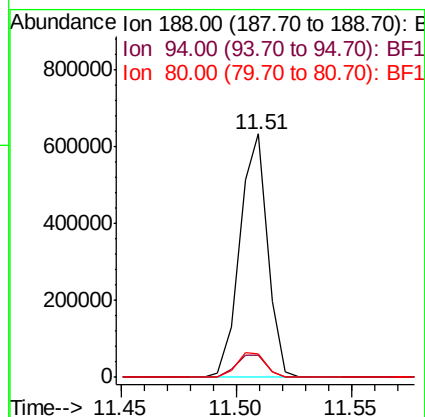
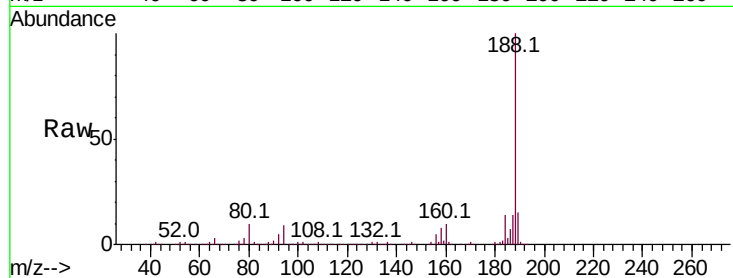




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

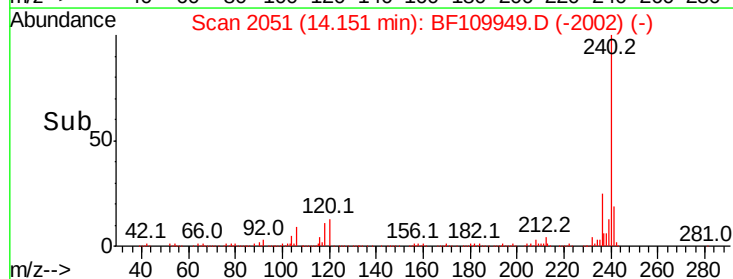
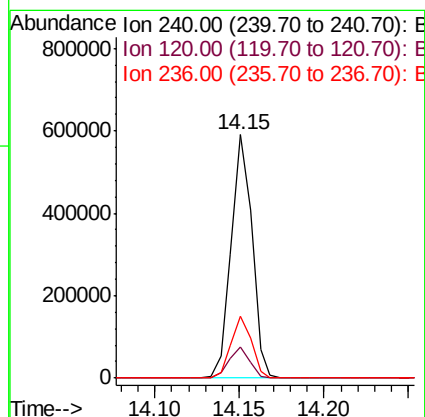
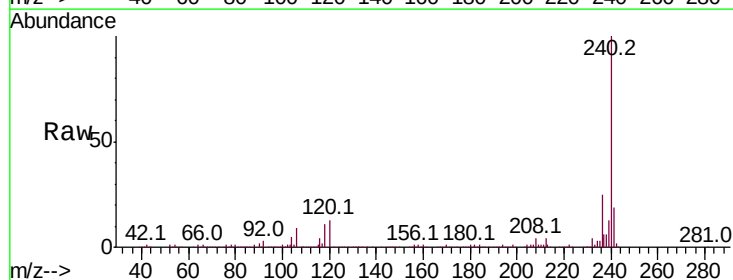
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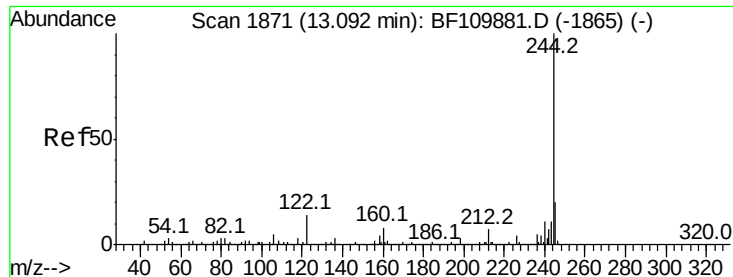
Tot Ion:188 Resp: 530863
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109949.D
Acq: 18 Oct 2018 4:25

Tgt Ion:240 Resp: 506875
Ion Ratio Lower Upper
240 100
120 12.9 8.3 12.5#
236 25.2 21.2 31.8

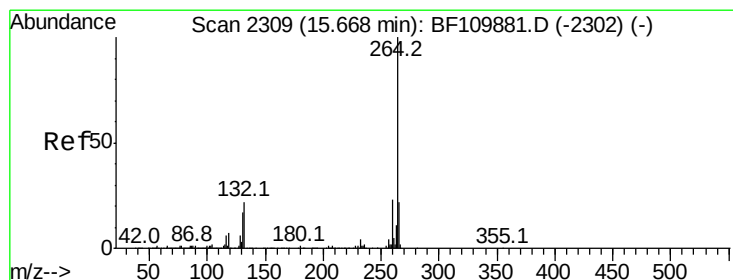
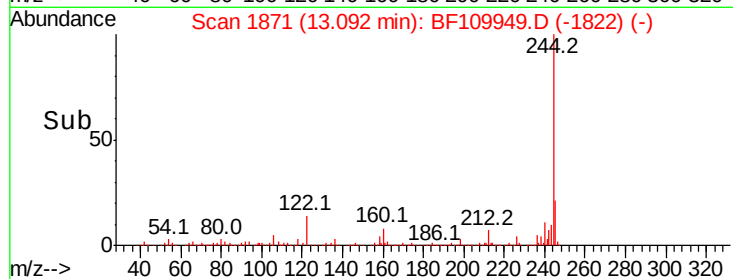
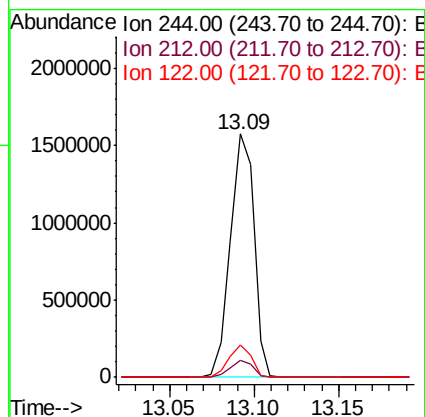
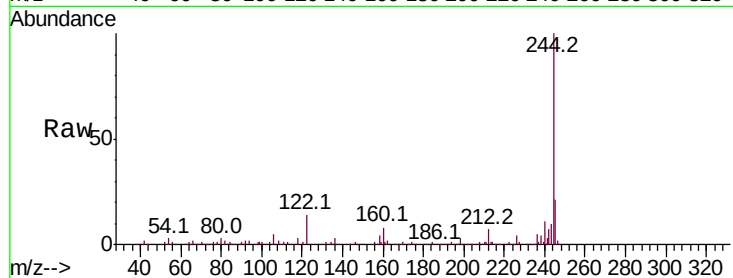




#79
 Terphenyl-d14
 Concen: 63.212 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109949.D
 Acq: 18 Oct 2018 4:25

Instrument :
 BNA_F
 ClientSampleId :
 101618-SIDI-E-U-M

Tot Ion:244 Resp: 1525797
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 13.6 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109949.D
 Acq: 18 Oct 2018 4:25

Tgt Ion:264 Resp: 507499
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 20.5 16.7 25.1

