

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109935.D
 Acq On : 17 Oct 2018 22:08
 Operator : JU/SJ
 Sample : J5529-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS

Quant Time: Oct 18 11:35:27 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

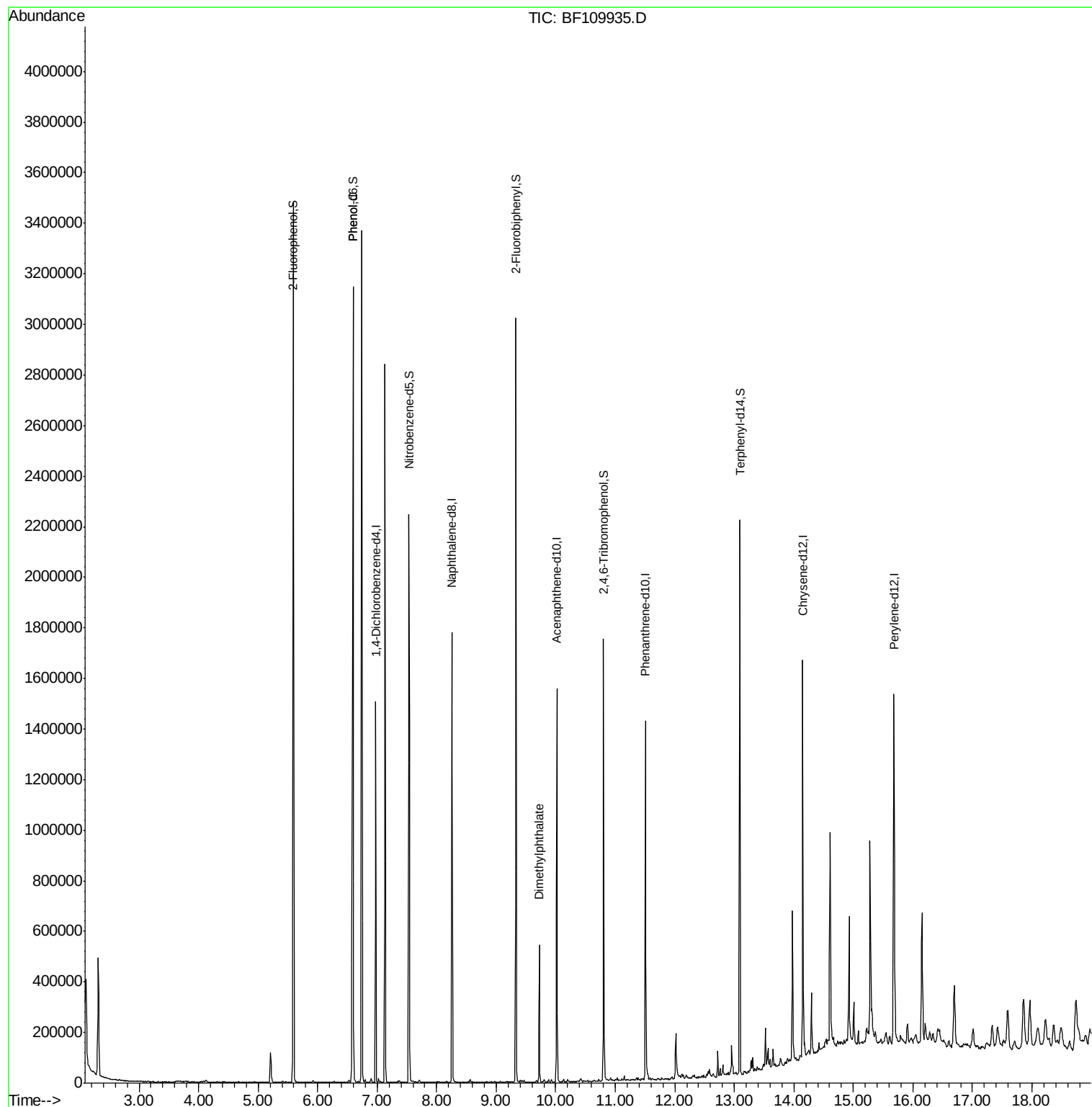
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	196426	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	720034	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	286576	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	474627	20.00	ng	0.00
76) Chrysene-d12	14.15	240	488954	20.00	ng	-0.01
87) Perylene-d12	15.68	264	462471	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	929687	75.02	ng	0.00
7) Phenol-d6	6.59	99	1110779	72.19	ng	-0.01
23) Nitrobenzene-d5	7.53	82	656222	61.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	184707	74.45	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	891275	49.63	ng	0.00
79) Terphenyl-d14	13.09	244	657751	28.25	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	70329	4.233	ng	Qvalue # 67
50) Dimethylphthalate	9.72	163	182567	8.997	ng	100

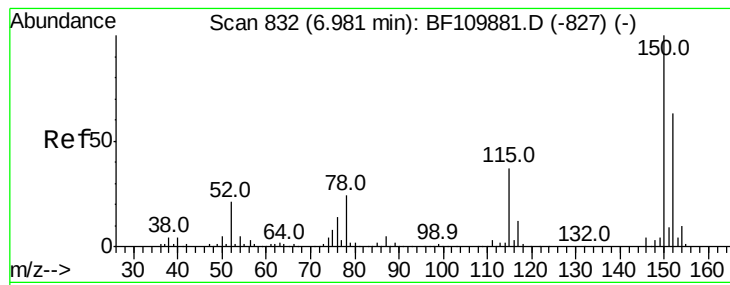
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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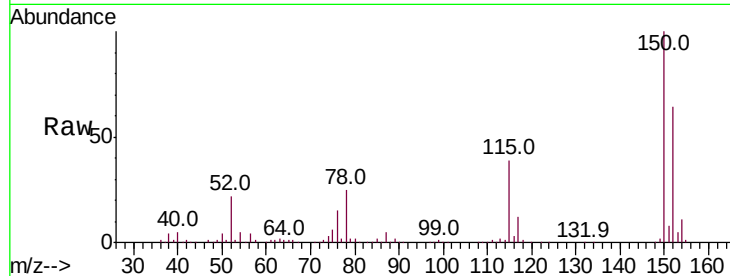


#1

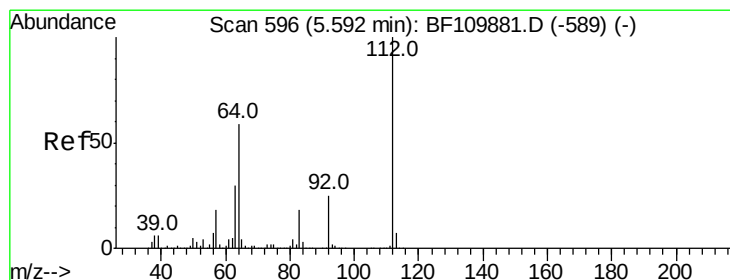
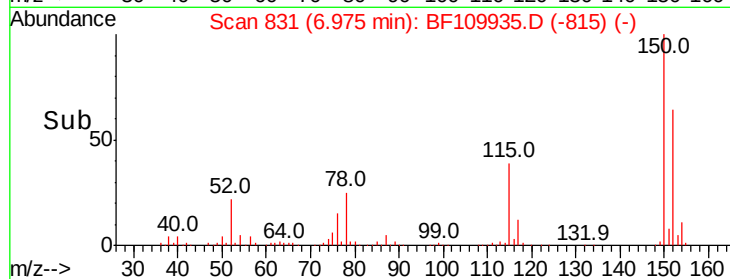
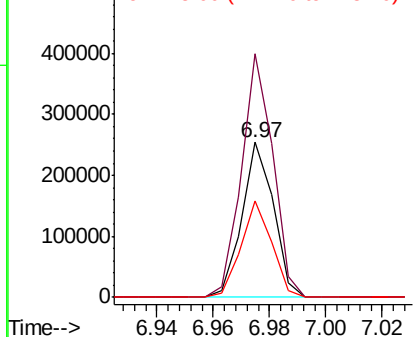
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Instrument :
BNA_F
ClientSampled :
TS

Tot Ion:152 Resp: 196426
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 61.8 49.1 73.7



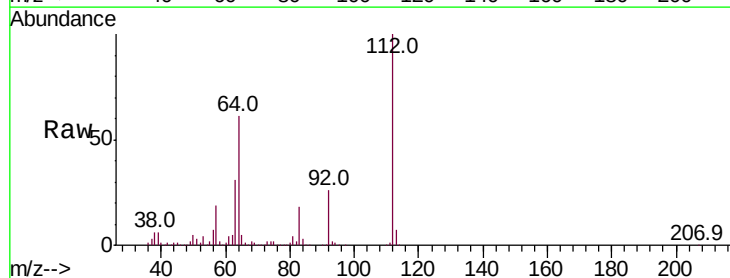
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



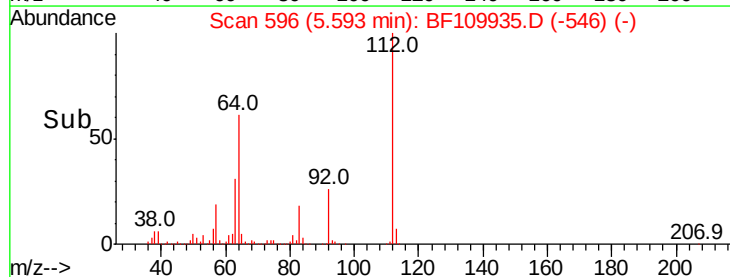
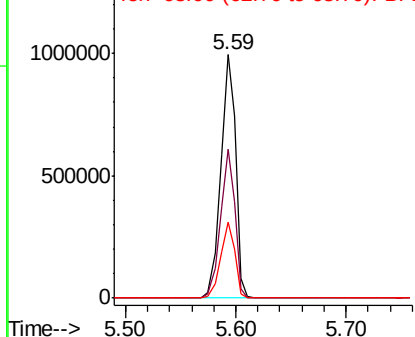
#5

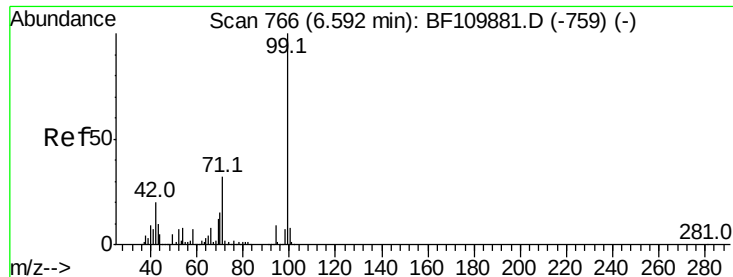
2-Fluorophenol
Concen: 75.025 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Tgt Ion:112 Resp: 929687
Ion Ratio Lower Upper
112 100
64 61.1 44.1 66.1
63 31.4 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: 72.188 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109935.D

Acq: 17 Oct 2018 22:08

Instrument :

BNA_F

ClientSampleId :

TS

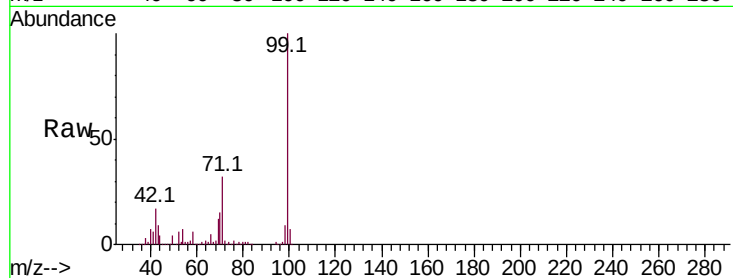
Tot Ion: 99 Resp: 1110779

Ion Ratio Lower Upper

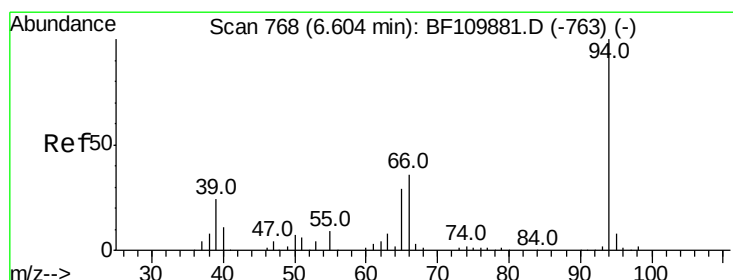
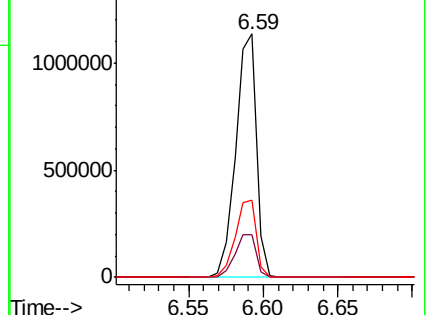
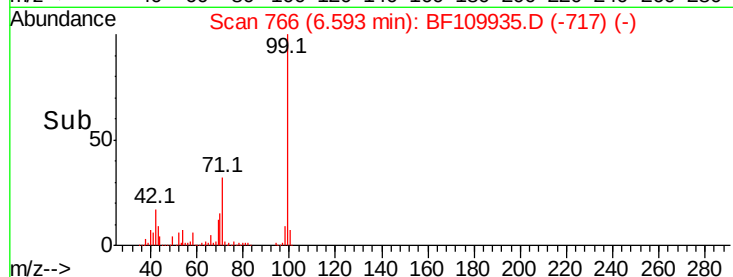
99 100

42 17.3 15.8 23.6

71 31.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.233 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109935.D

Acq: 17 Oct 2018 22:08

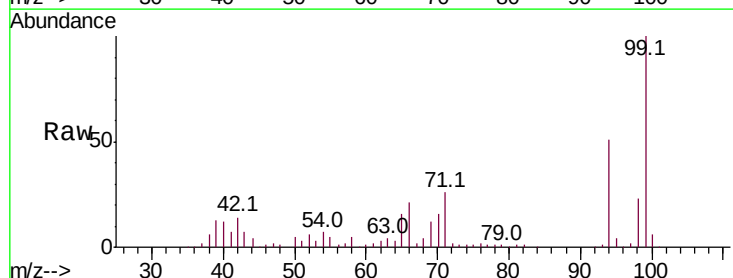
Tgt Ion: 94 Resp: 70329

Ion Ratio Lower Upper

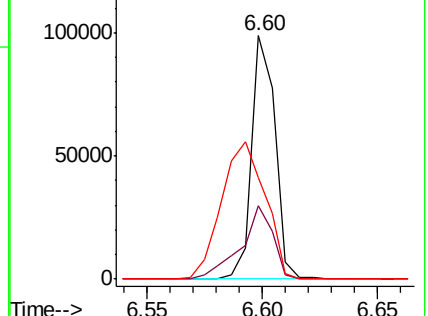
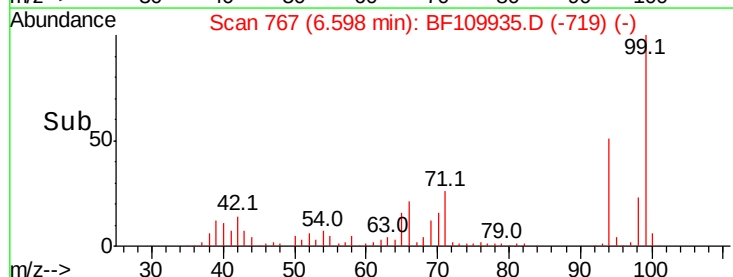
94 100

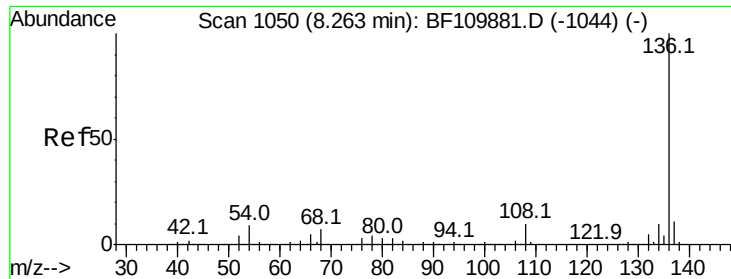
65 30.2 25.3 65.3

66 41.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

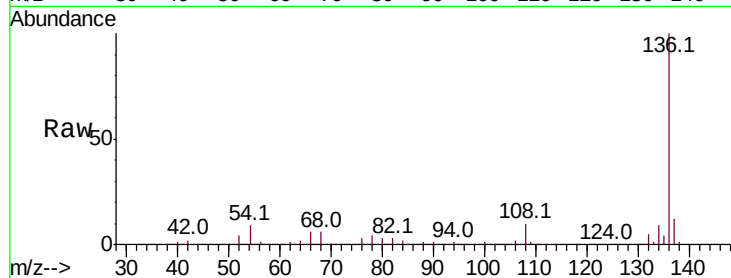




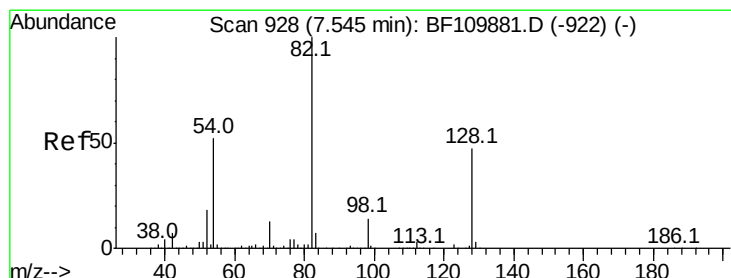
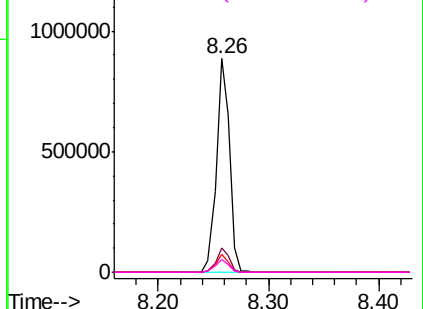
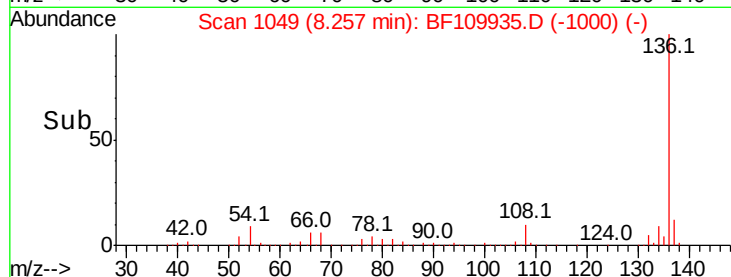
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Instrument :
BNA_F
ClientSampleId :
TS

Tot Ion:	136	Resp:	720034
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.6	5.4	8.2#
68	6.2	4.2	6.2

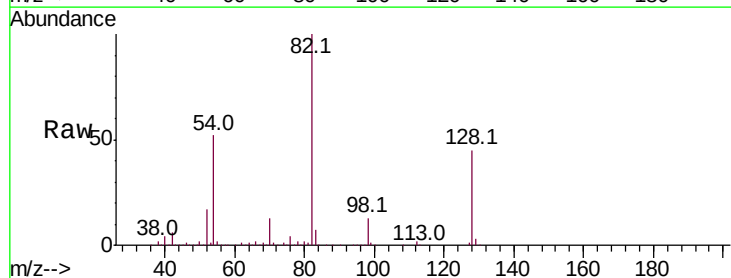


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

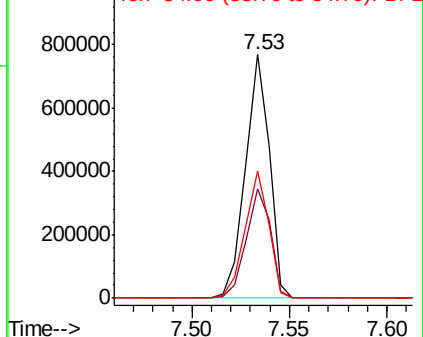
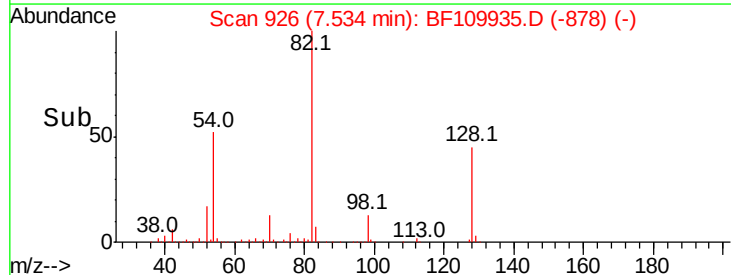


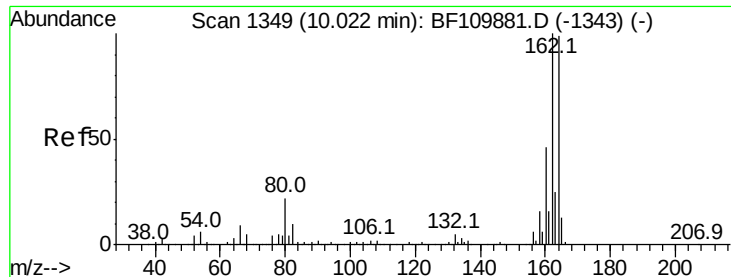
#23
Nitrobenzene-d5
Concen: 61.394 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Tgt Ion:	82	Resp:	656222
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	52.1	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

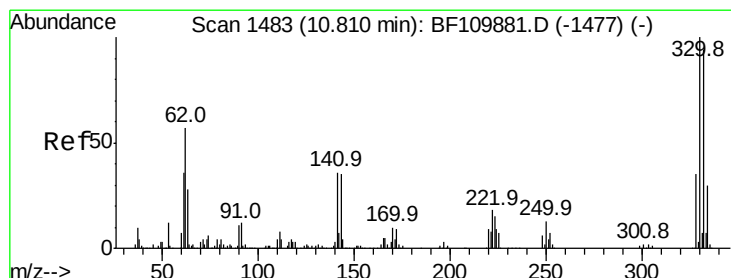
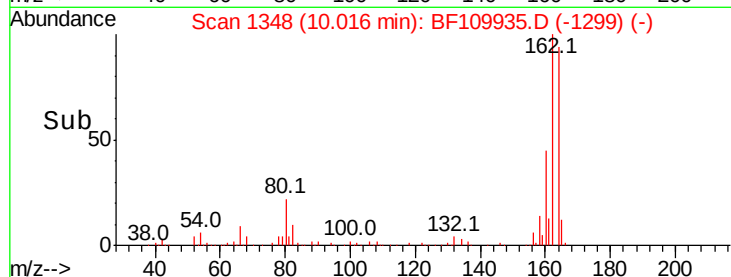
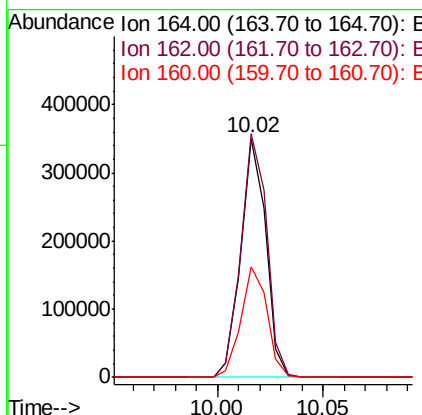
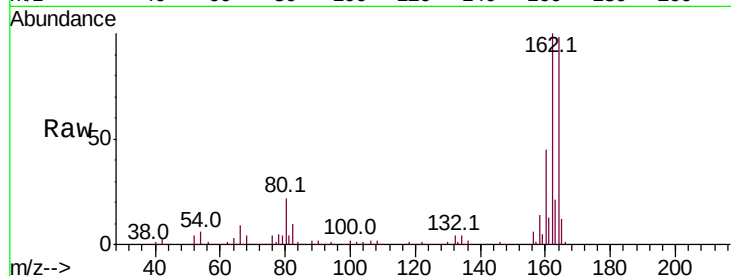




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109935.D
 Acq: 17 Oct 2018 22:08

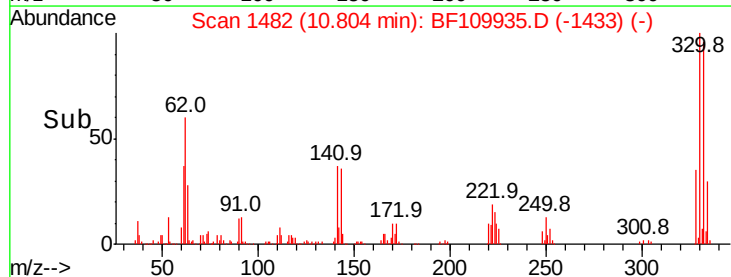
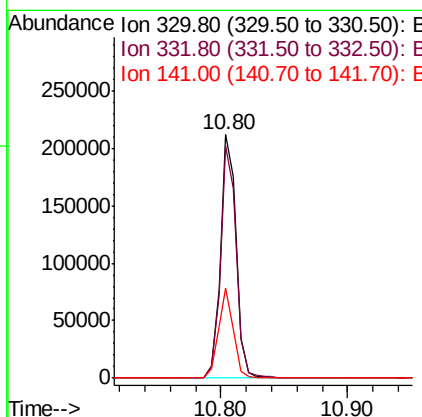
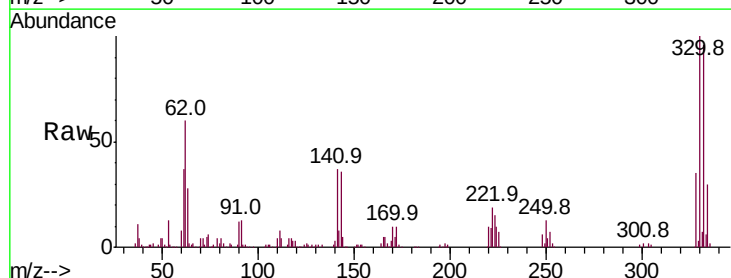
Instrument :
 BNA_F
 ClientSampleId :
 TS

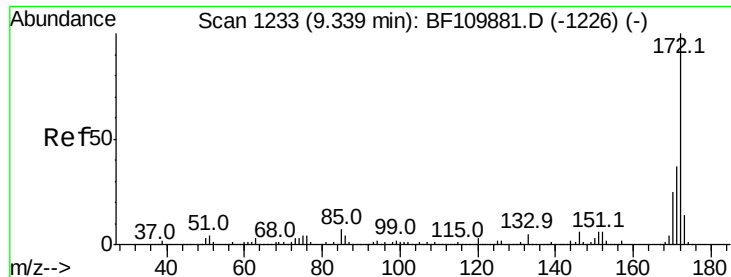
Tot Ion:164 Resp: 286576
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.0 124.6
 160 46.0 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 74.446 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109935.D
 Acq: 17 Oct 2018 22:08

Tgt Ion:330 Resp: 184707
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 35.0 27.0 40.4

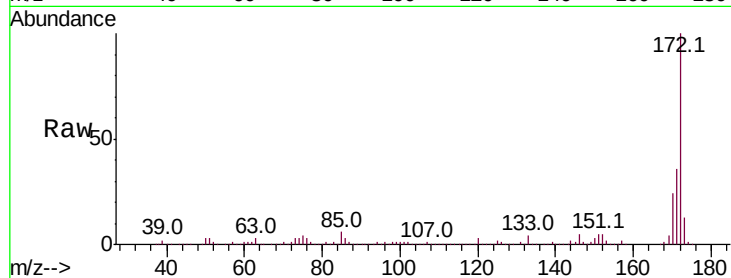




#45
2-Fluorobiphenyl
Concen: 49.626 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Instrument :
BNA_F
ClientSampled :
TS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.7	29.5

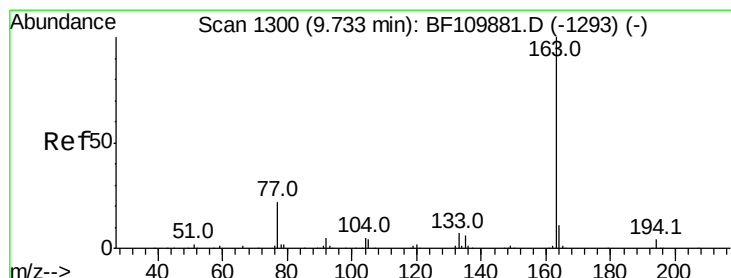
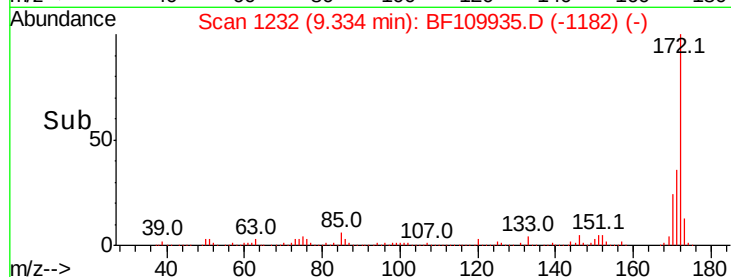
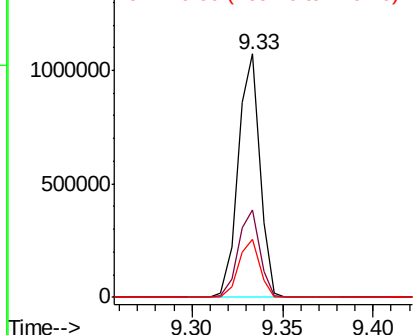


Abundance

Ion 172.00 (171.70 to 172.70): E

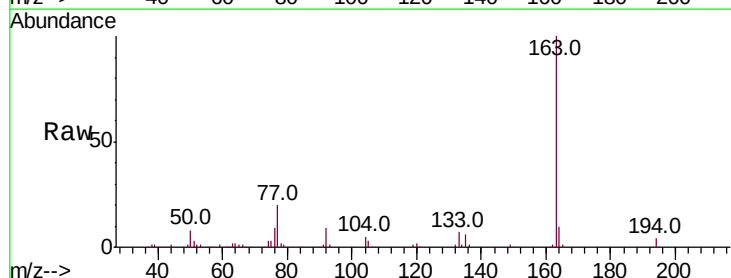
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.997 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109935.D
Acq: 17 Oct 2018 22:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	8.1	12.1

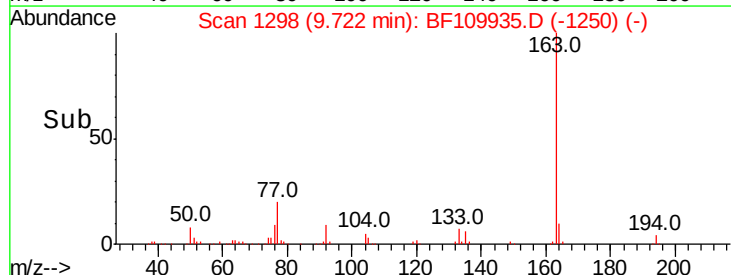
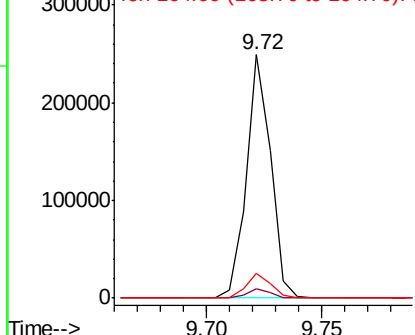


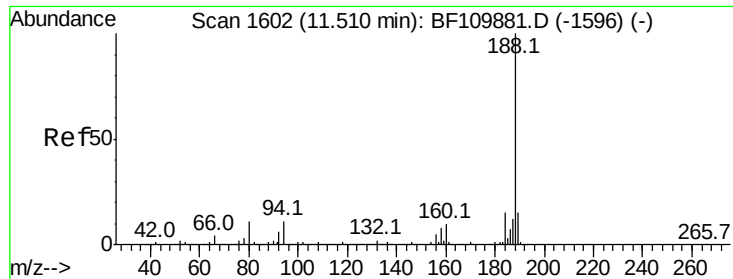
Abundance

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: BF109935.D

Acq: 17 Oct 2018 22:08

Instrument :

BNA_F

ClientSampleId :

TS

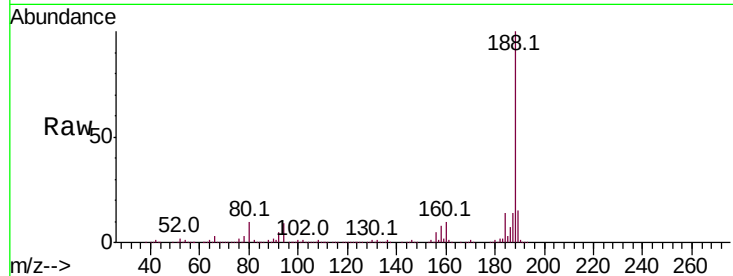
Tot Ion:188 Resp: 474627

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

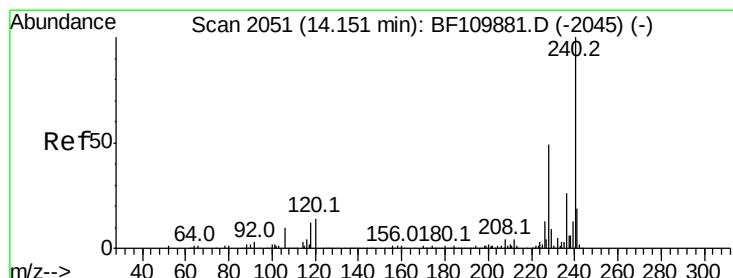
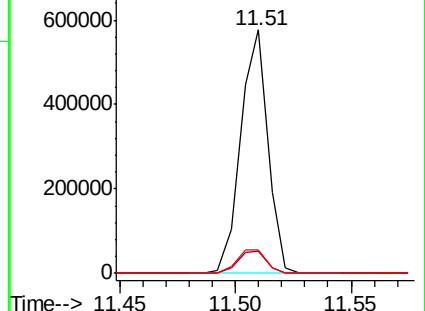
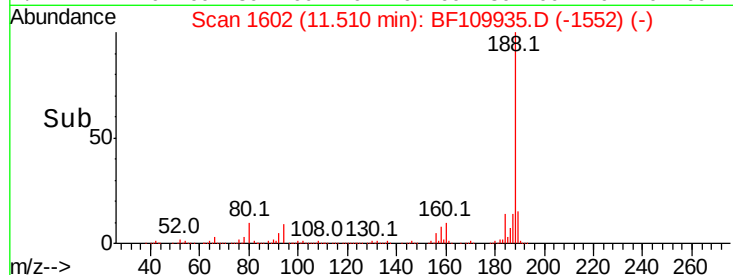
80 9.7 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109935.D

Acq: 17 Oct 2018 22:08

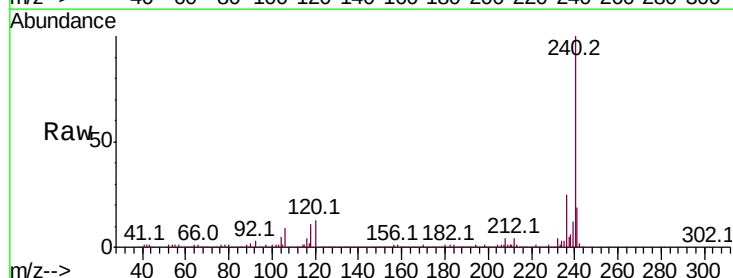
Tgt Ion:240 Resp: 488954

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

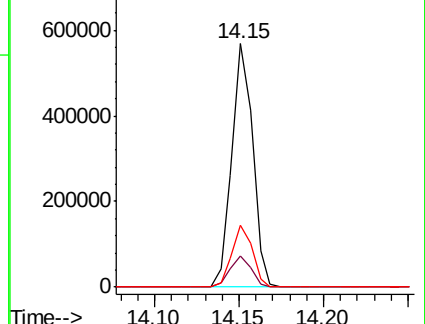
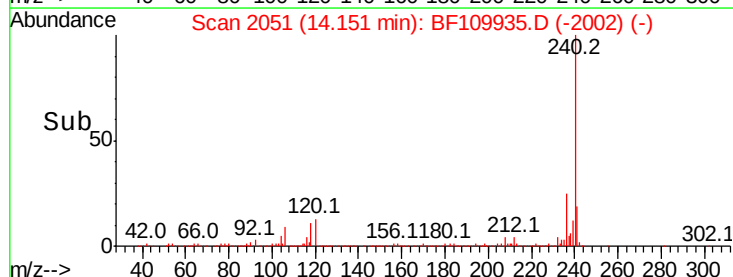
236 25.3 21.2 31.8

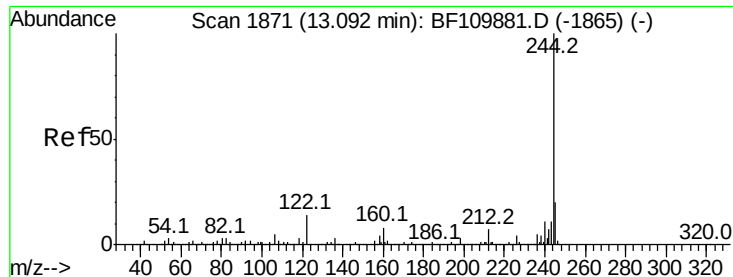


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

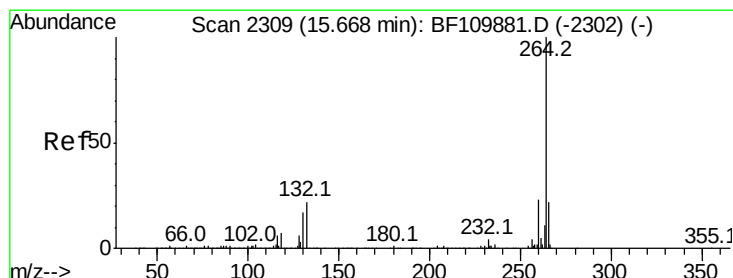
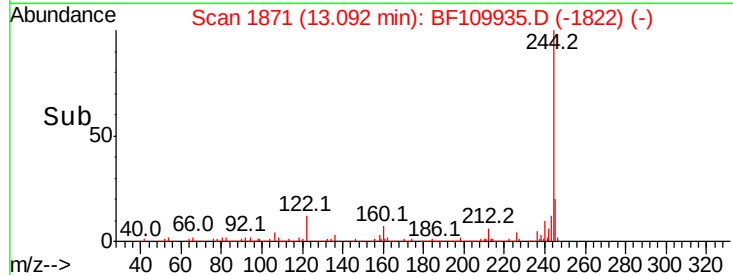
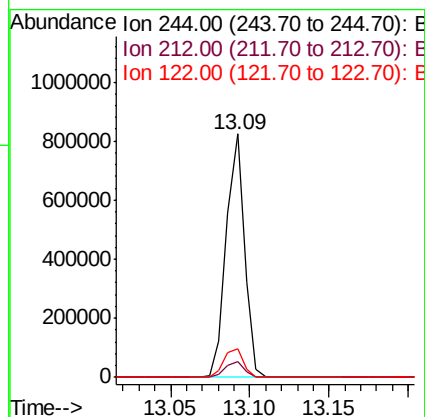
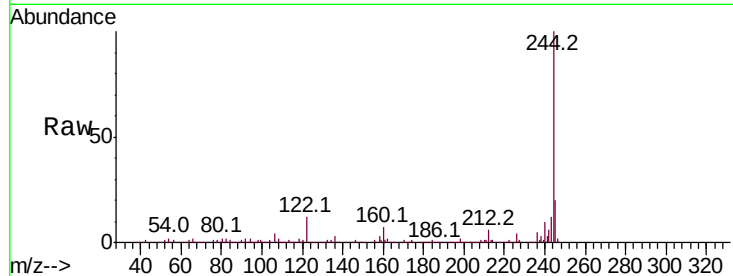




#79
 Terphenyl-d14
 Concen: 28.249 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109935.D
 Acq: 17 Oct 2018 22:08

Instrument :
 BNA_F
 ClientSampled :
 TS

Tot Ion:244 Resp: 657751
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 11.5 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: BF109935.D
 Acq: 17 Oct 2018 22:08

Tgt Ion:264 Resp: 462471
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.1 16.7 25.1

