

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088835.D
 Acq On : 8 Jul 2016 20:24
 Operator : UM/SJ
 Sample : H3813-05 100X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 23:23:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

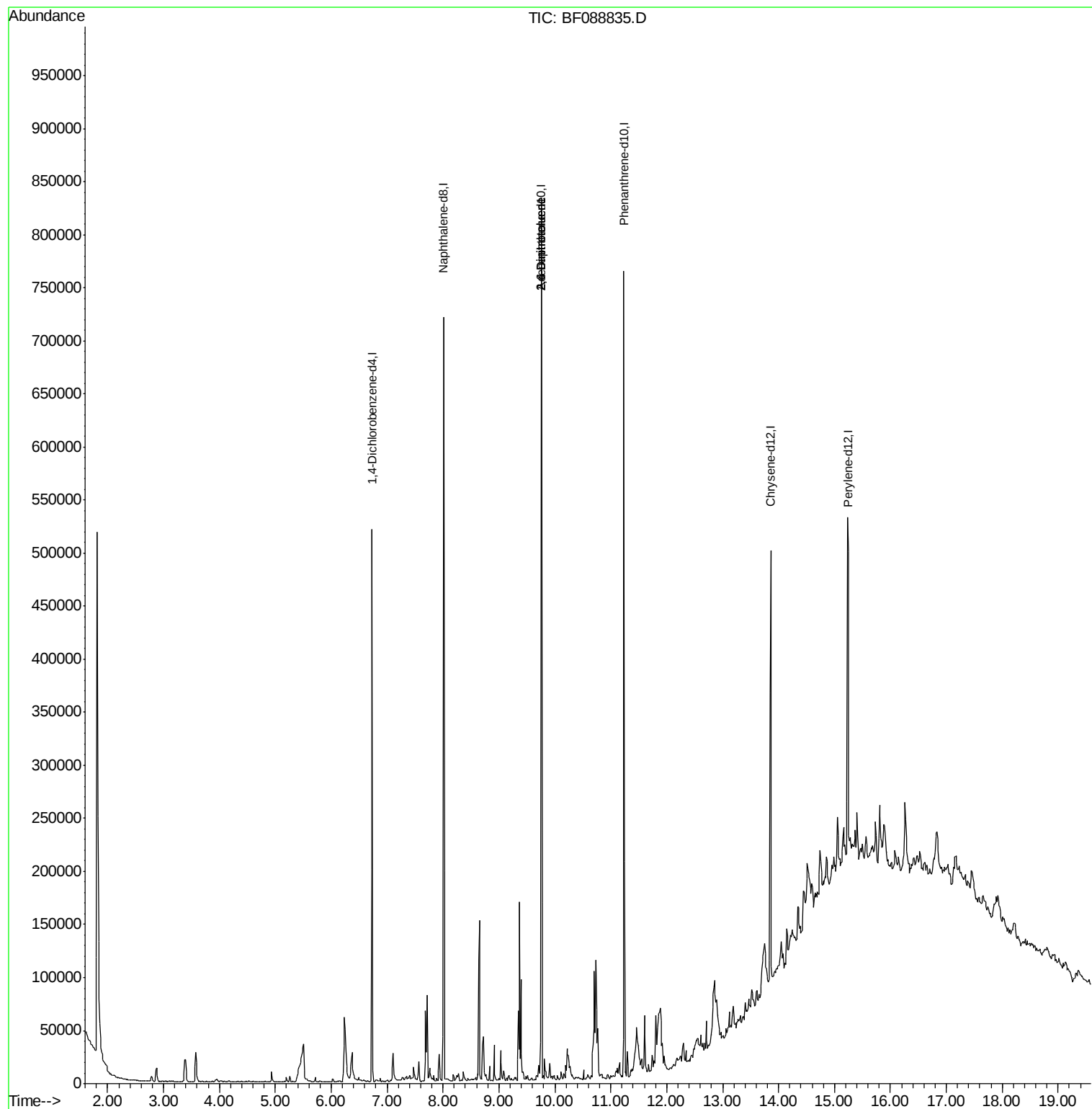
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	83956	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	320090	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	149777	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	262625	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	164238	20.00	ng	-0.01
86) Perylene-d12	15.25	264	174504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	400	0.07	ng	-0.01
7) Phenol-d6	6.36	99	795	0.11	ng	-0.01
23) Nitrobenzene-d5	7.29	82	834	0.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	261	0.19	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	2251	0.24	ng	-0.01
78) Terphenyl-d14	12.81	244	1826	0.25	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	20410	8.63	ng	# 40
56) 2,4-Dinitrotoluene	9.76	165	20410	6.60	ng	# 38

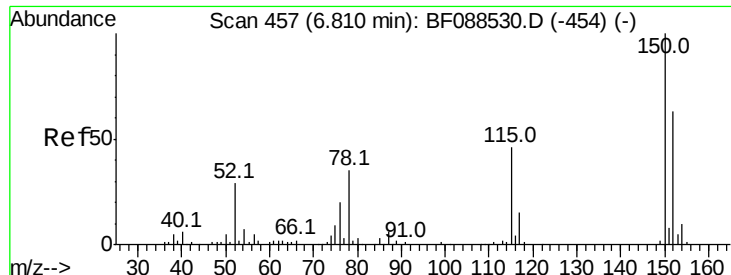
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088835.D

Acq: 8 Jul 2016 20:24

Instrument :

BNA_F

ClientSampleId :

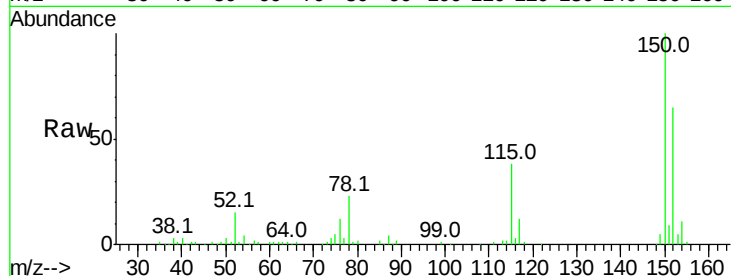
Tot Ion:152 Resp: 83956

Ion Ratio Lower Upper

152 100

150 154.7 123.8 185.6

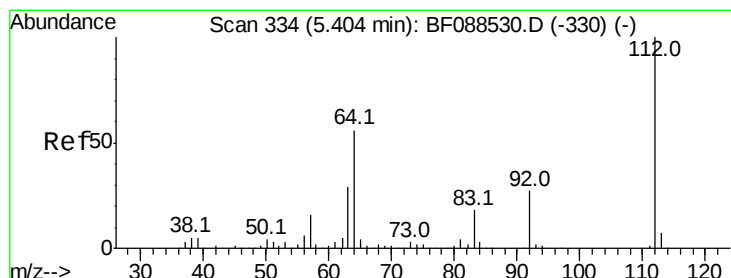
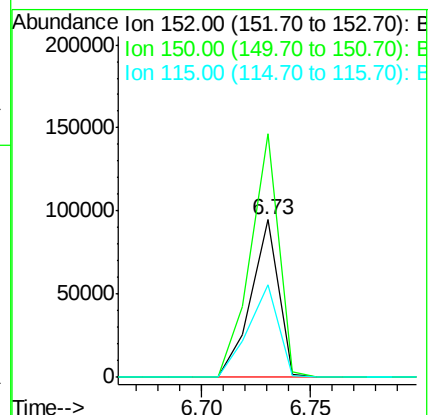
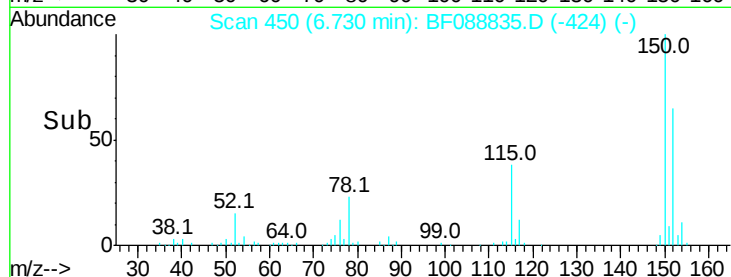
115 58.7 39.6 59.4



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: 0.07 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088835.D

Acq: 8 Jul 2016 20:24

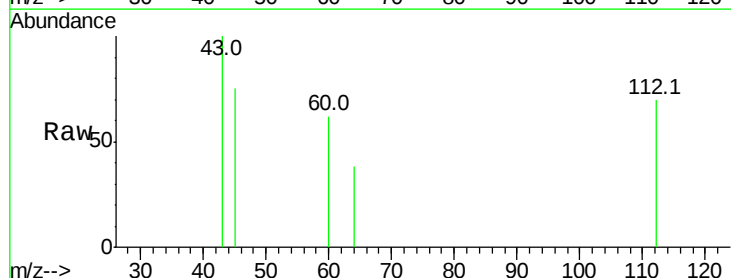
Tgt Ion:112 Resp: 400

Ion Ratio Lower Upper

112 100

64 53.9 42.2 63.2

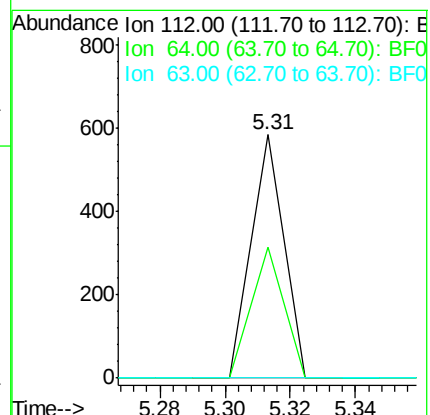
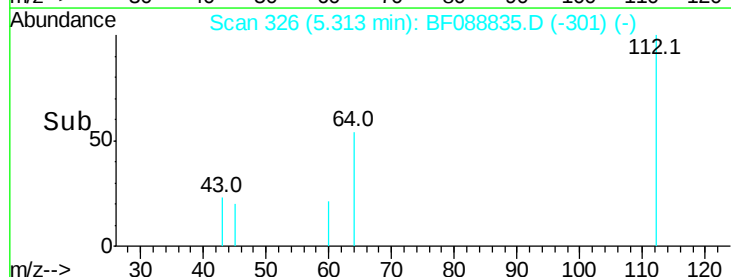
63 0.0 21.8 32.8#

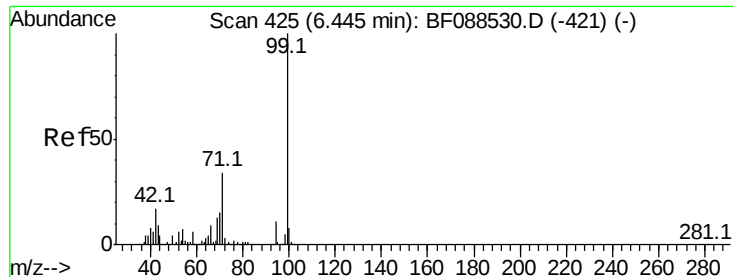


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.11 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088835.D

Acq: 8 Jul 2016 20:24

Instrument :

BNA_F

ClientSampleId :

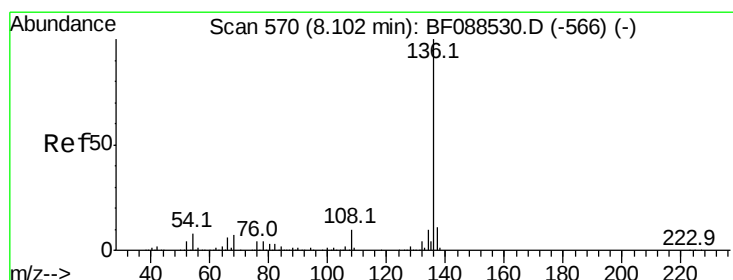
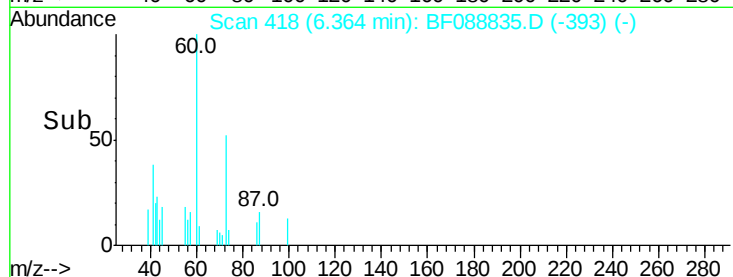
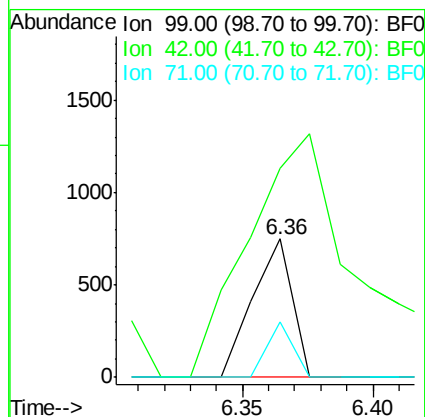
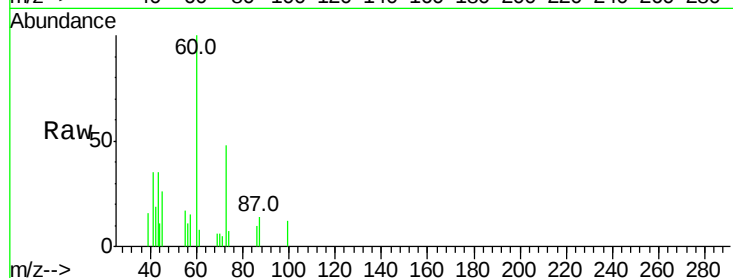
Tot Ion: 99 Resp: 795

Ion Ratio Lower Upper

99 100

42 151.3 12.2 18.2#

71 40.5 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088835.D

Acq: 8 Jul 2016 20:24

Tgt Ion: 136 Resp: 320090

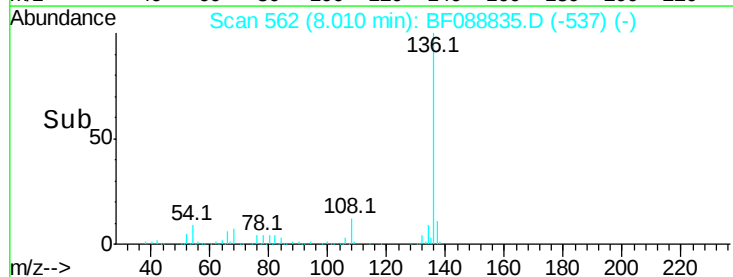
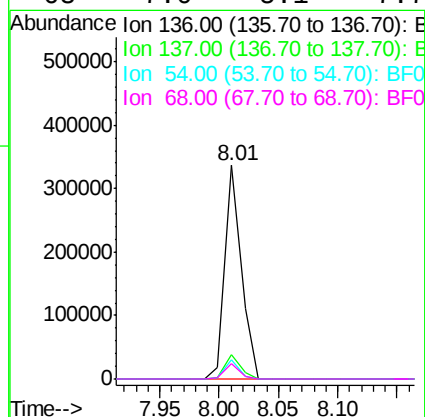
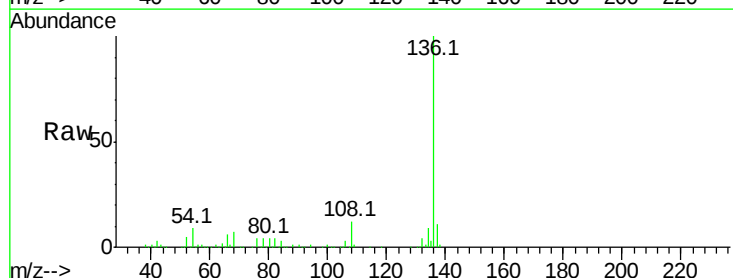
Ion Ratio Lower Upper

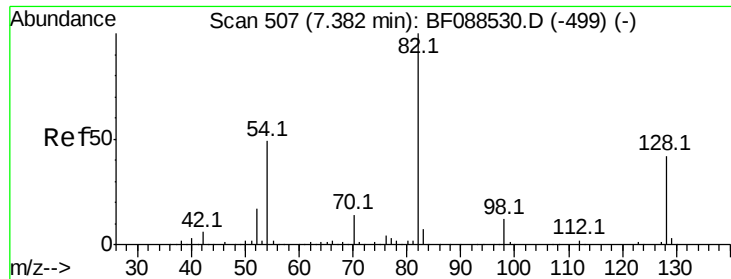
136 100

137 11.1 9.1 13.7

54 8.8 6.6 10.0

68 7.0 5.1 7.7

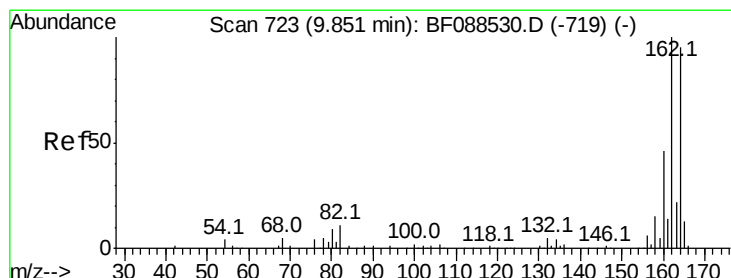
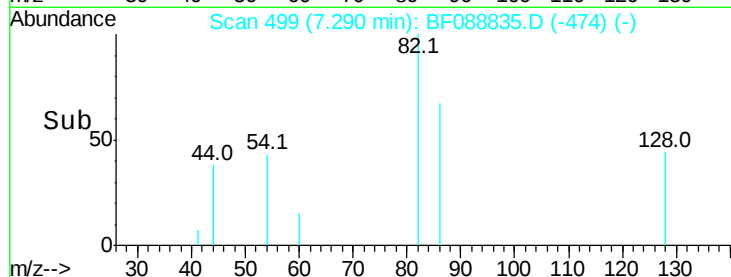
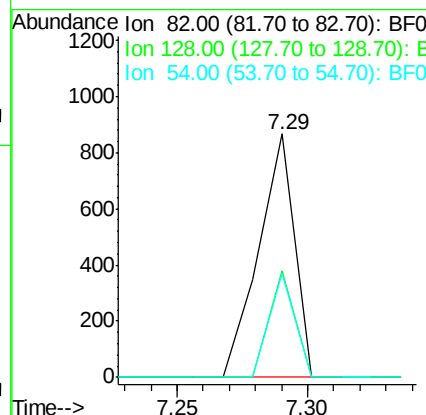
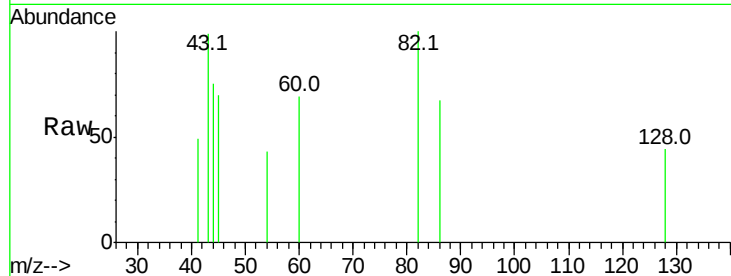




#23
 Nitrobenzene-d5
 Concen: 0.14 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088835.D
 Acq: 8 Jul 2016 20:24

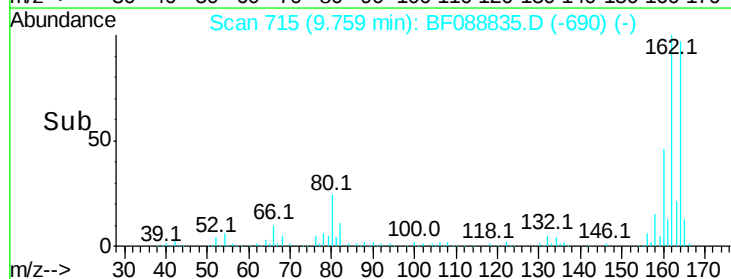
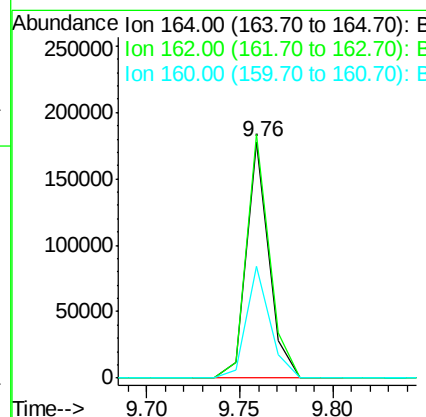
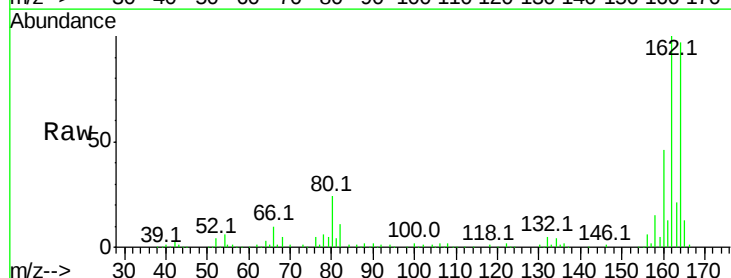
Instrument :
 BNA_F
 ClientSampleID :

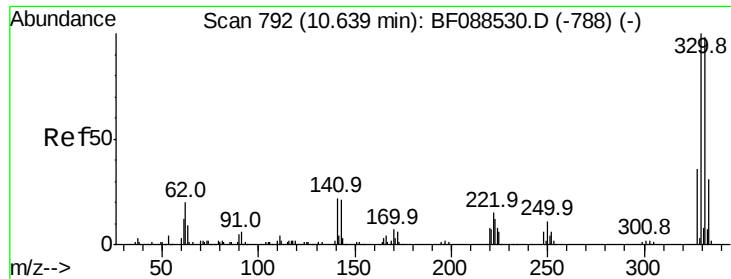
Tot Ion: 82 Resp: 834
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.9 53.9
 54 43.0 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088835.D
 Acq: 8 Jul 2016 20:24

Tgt Ion:164 Resp: 149777
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.4 128.2
 160 47.2 39.5 59.3

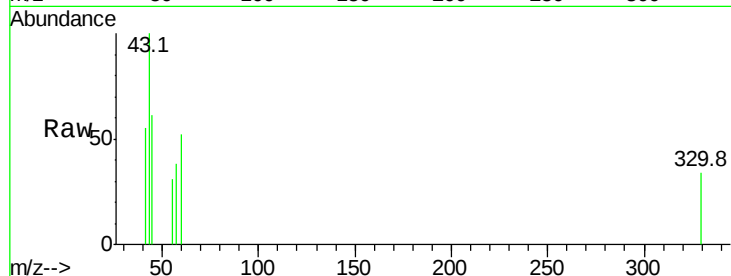




#41
 2,4,6-Tribromophenol
 Concen: 0.19 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088835.D
 Acq: 8 Jul 2016 20:24

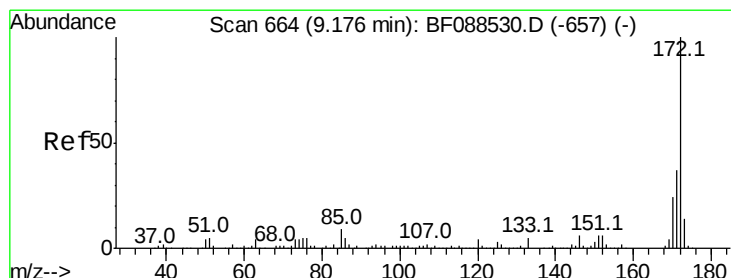
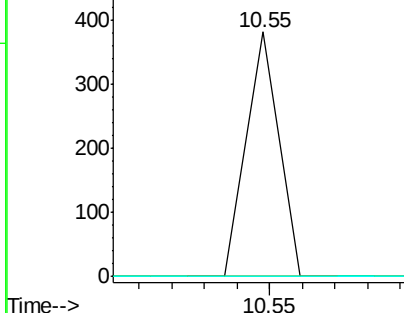
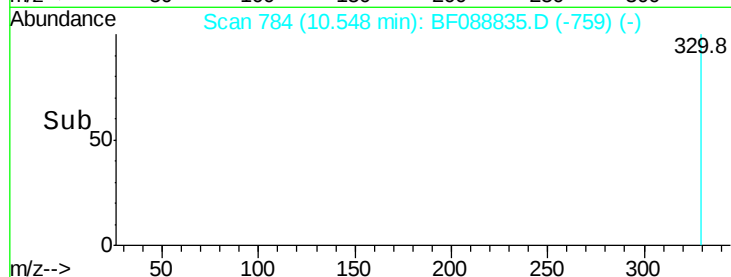
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	0.0	0.0



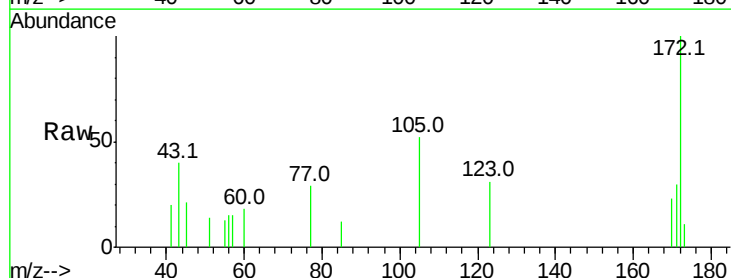
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

10.55



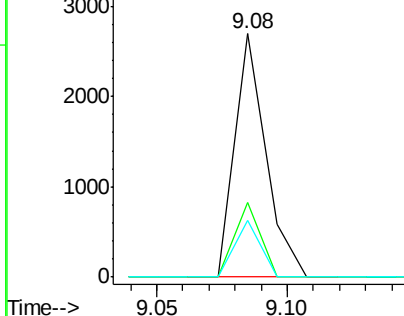
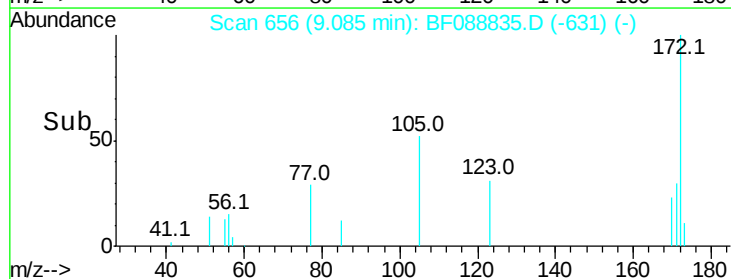
#44
 2-Fluorobiphenyl
 Concen: 0.24 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088835.D
 Acq: 8 Jul 2016 20:24

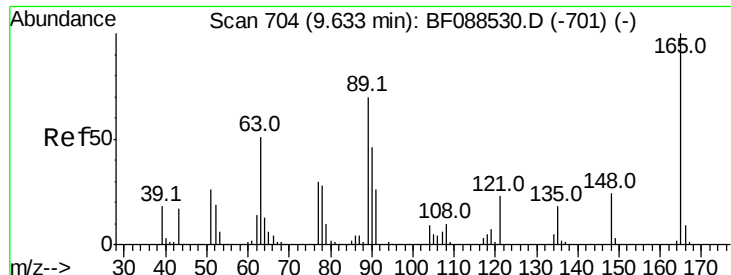
Tgt Ion	Ratio	Lower	Upper
172	100		
171	30.4	28.6	43.0
170	23.3	19.2	28.8



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

9.08

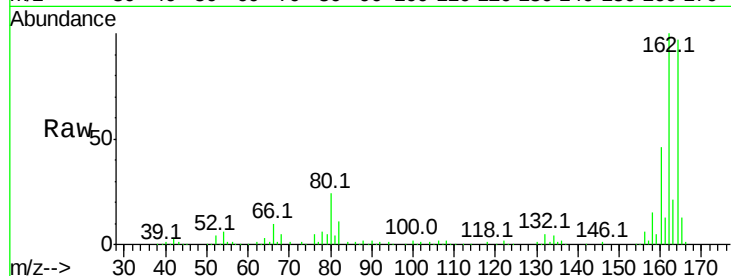




#50
 2,6-Dinitrotoluene
 Concen: 8.63 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088835.D
 Acq: 8 Jul 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :

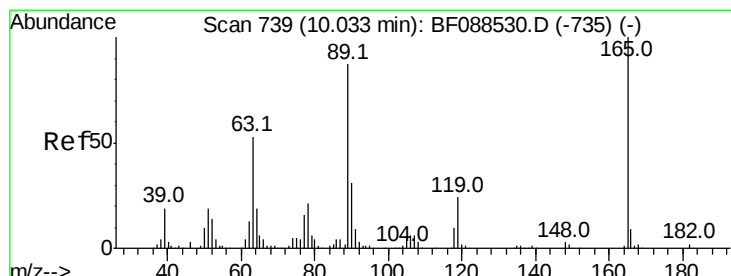
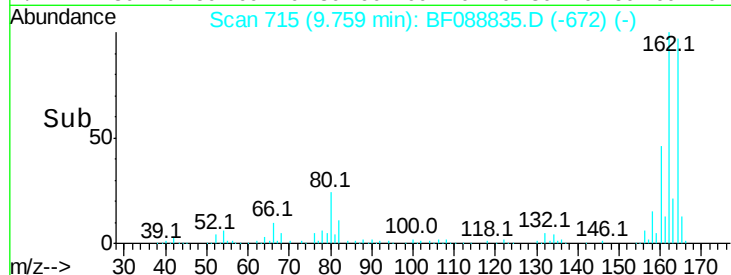
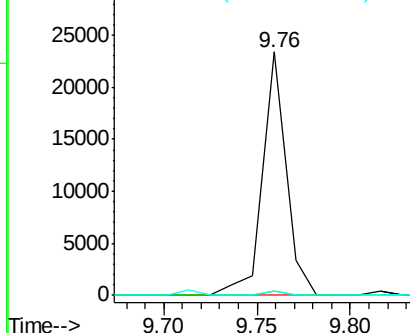
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	2.0	32.2	48.2#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.60 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.19 min
 Lab File: BF088835.D
 Acq: 8 Jul 2016 20:24

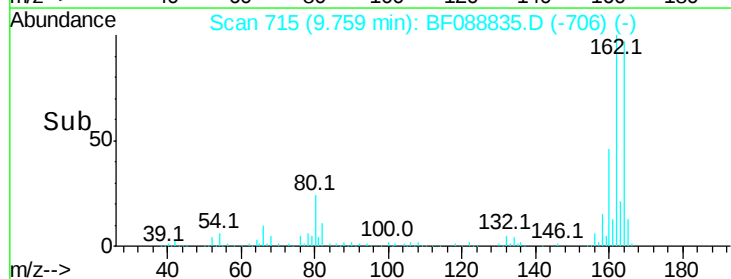
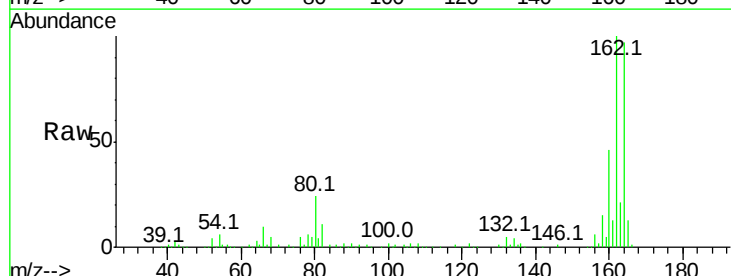
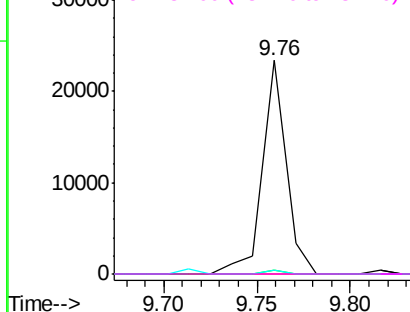
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	2.0	41.1	61.7#
182	0.0	2.0	3.0#

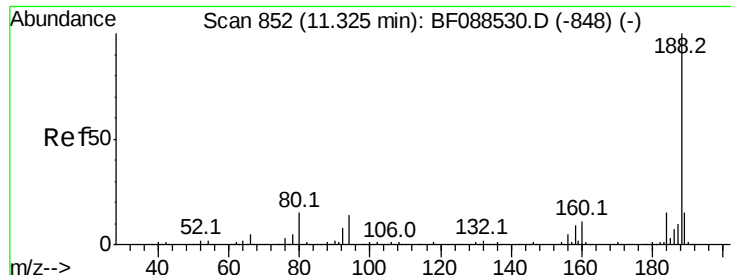
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

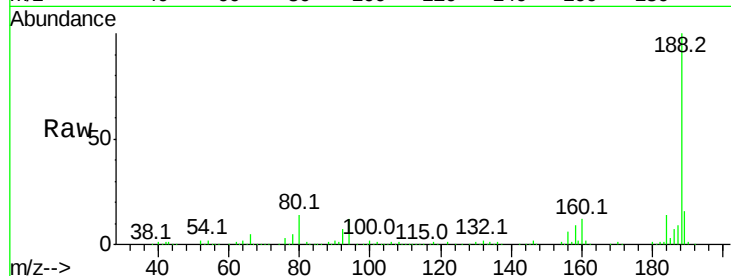




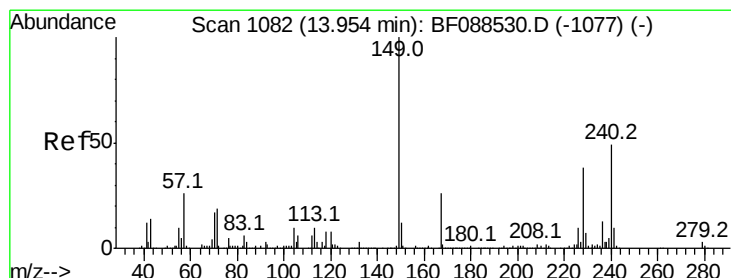
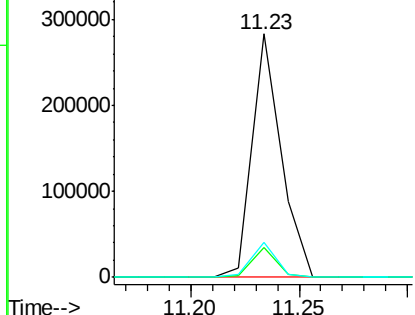
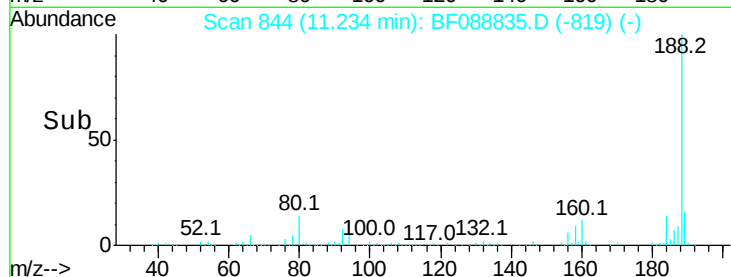
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088835.D
Acq: 8 Jul 2016 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 262625
Ion Ratio Lower Upper
188 100
94 12.5 9.0 13.6
80 14.1 10.0 15.0

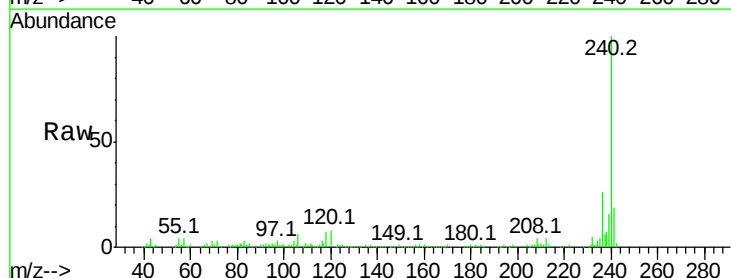


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

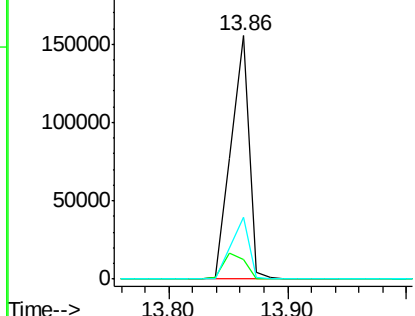
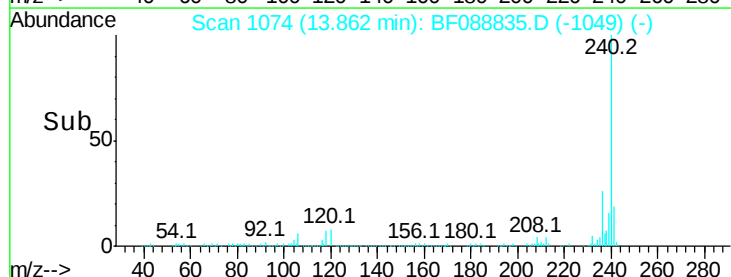


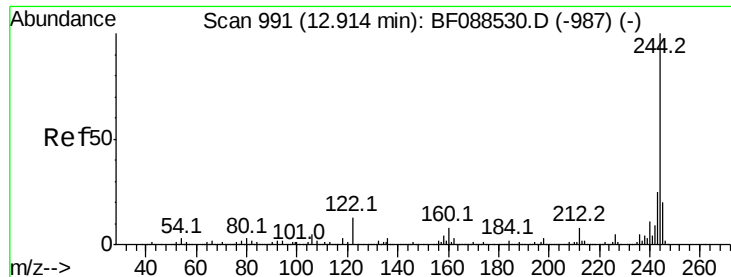
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088835.D
Acq: 8 Jul 2016 20:24

Tgt Ion:240 Resp: 164238
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 25.6 20.2 30.2



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

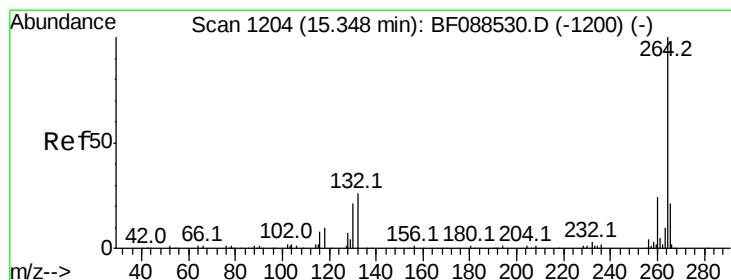
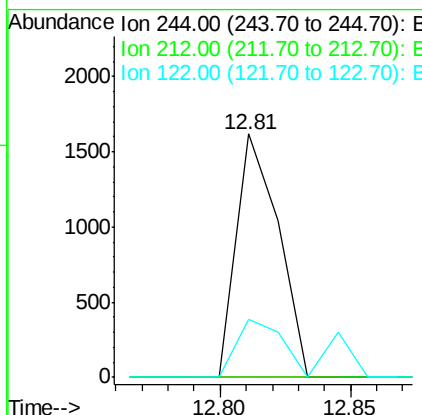
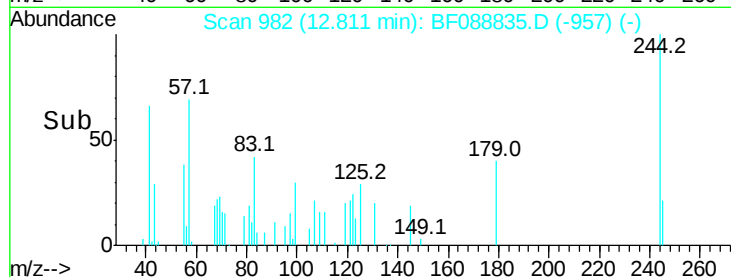
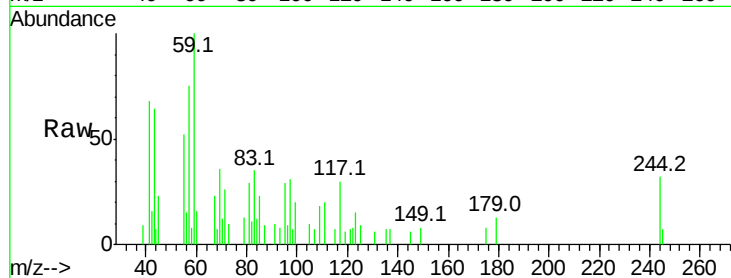




#78
 Terphenyl-d14
 Concen: 0.25 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088835.D
 Acq: 8 Jul 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1826
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 23.8 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088835.D
 Acq: 8 Jul 2016 20:24

Tgt Ion:264 Resp: 174504
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.0 16.9 25.3

