

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091685.D
 Acq On : 16 Dec 2016 20:59
 Operator : UM/SJ
 Sample : H6125-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46(10-12)-12-14-16

Quant Time: Dec 16 23:42:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

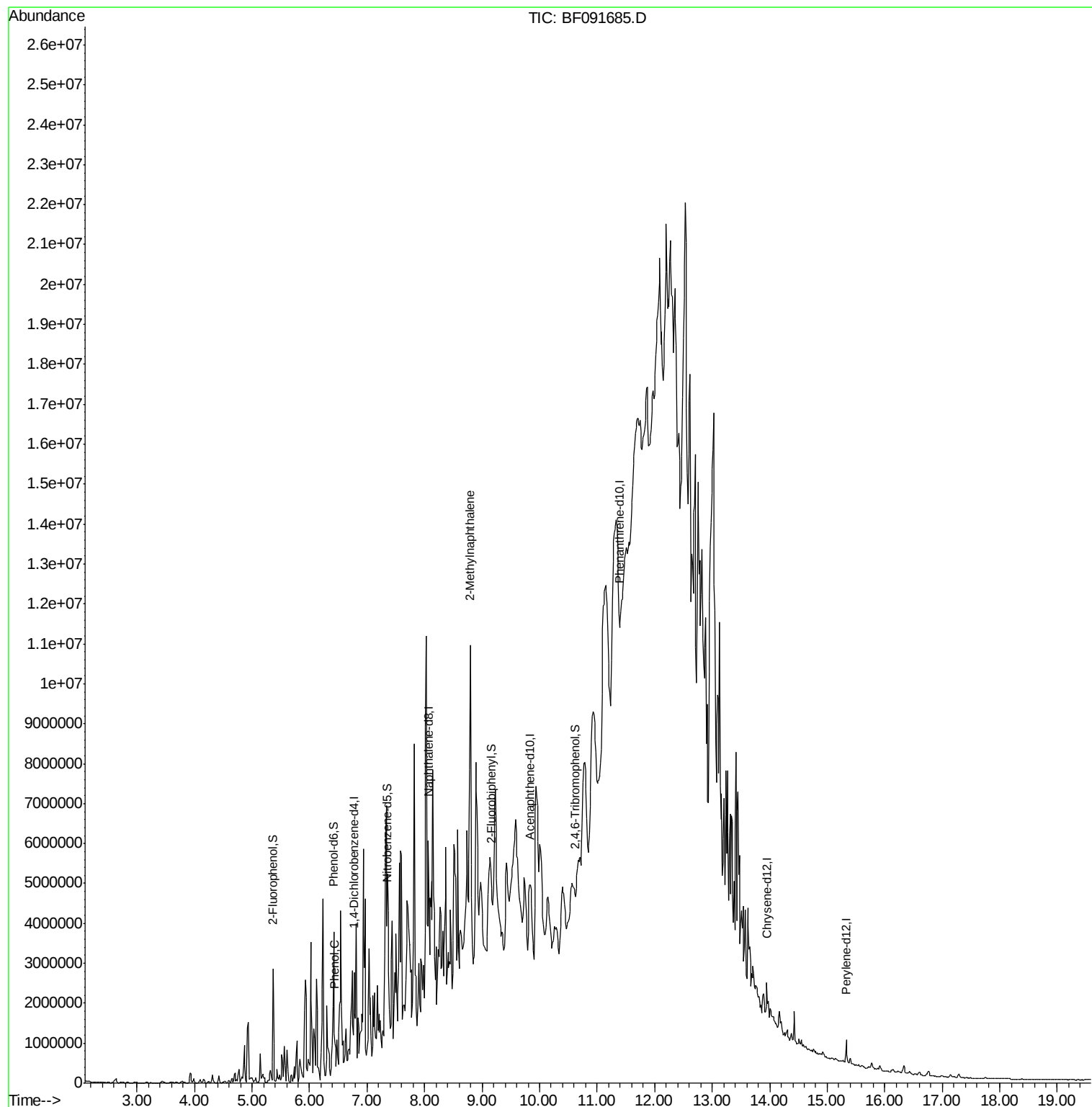
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	128036	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	410697	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	171900	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	245149	20.00	ng	0.08
75) Chrysene-d12	13.95	240	228900	20.00	ng	0.01
86) Perylene-d12	15.33	264	245865	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	779091	102.52	ng	-0.01
7) Phenol-d6	6.42	99	1049184	110.74	ng	-0.01
23) Nitrobenzene-d5	7.34	82	693941	94.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	150358	105.31	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	798203	80.23	ng	0.01
78) Terphenyl-d14	12.90	244	5054	0.50	ng	0.00
Target Compounds						
10) Phenol	6.43	94	68958	6.23	ng	Qvalue 93
37) 2-Methylnaphthalene	8.80	142	3557116	287.61	ng	# 96

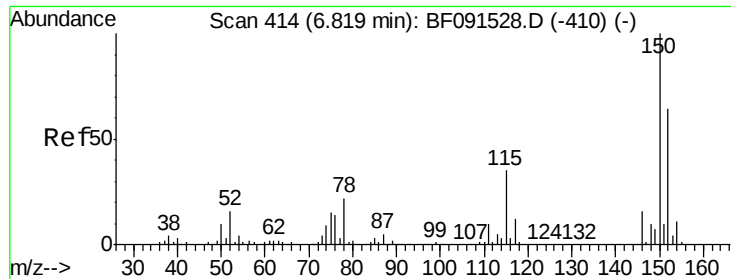
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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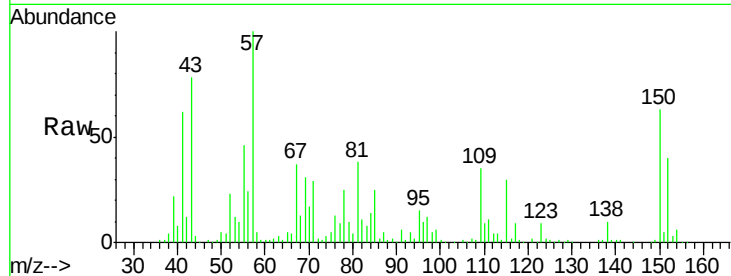


#1

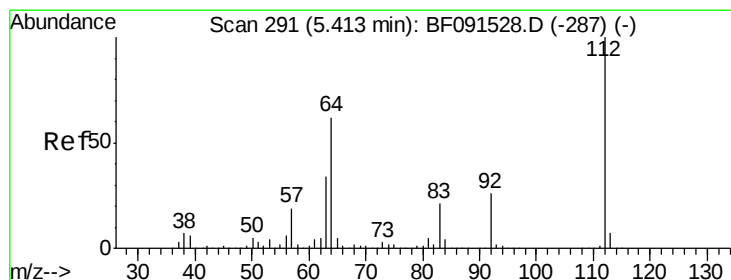
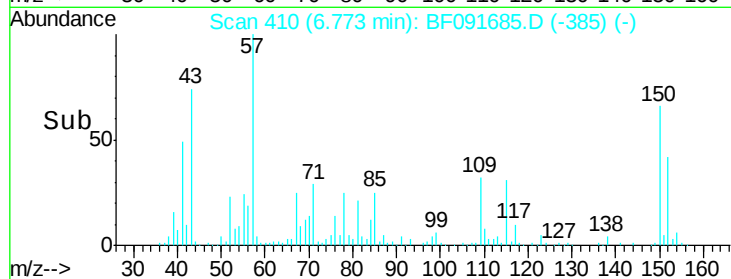
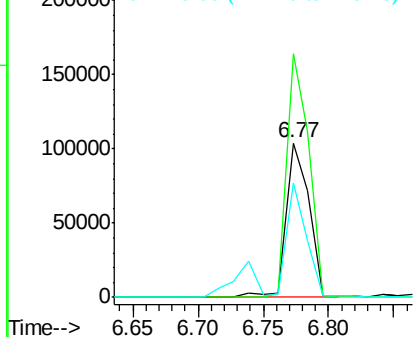
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091685.D
Acq: 16 Dec 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SB-46(10-12)-12-14-16

Tot Ion:152 Resp: 128036
Ion Ratio Lower Upper
152 100
150 158.0 122.5 183.7
115 74.6 51.8 77.8



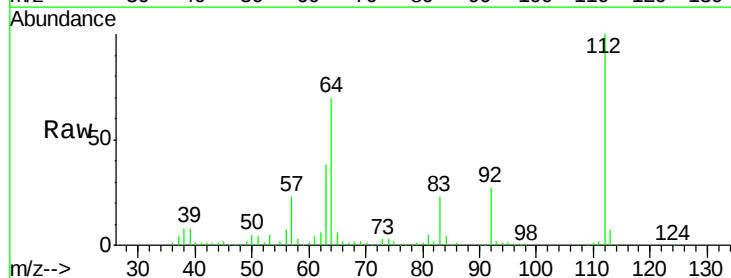
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



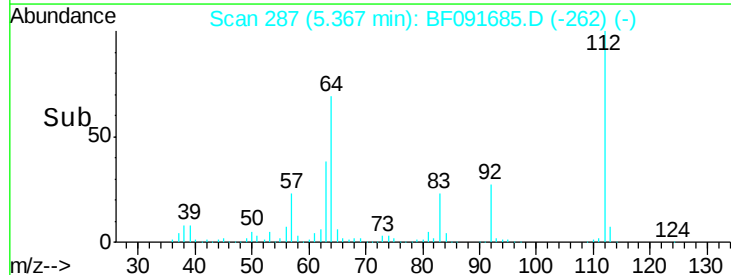
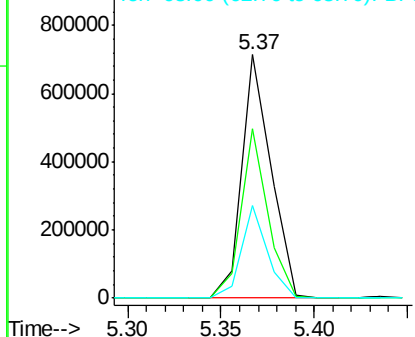
#5

2-Fluorophenol
Concen: 102.52 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF091685.D
Acq: 16 Dec 2016 20:59

Tgt Ion:112 Resp: 779091
Ion Ratio Lower Upper
112 100
64 69.5 61.5 92.3
63 37.8 33.3 49.9



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: 110.74 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091685.D

Acq: 16 Dec 2016 20:59

Instrument :

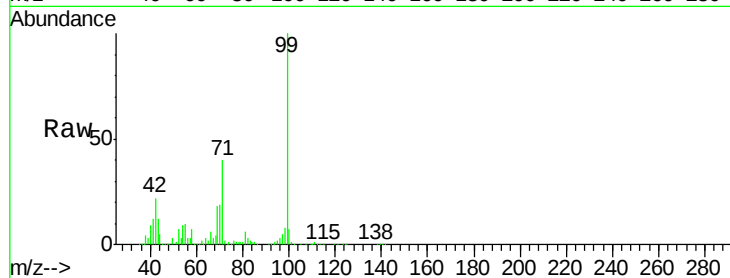
BNA_F

ClientSampleId :

SB-46(10-12)-12-14-16

Tot Ion: 99 Resp: 1049184

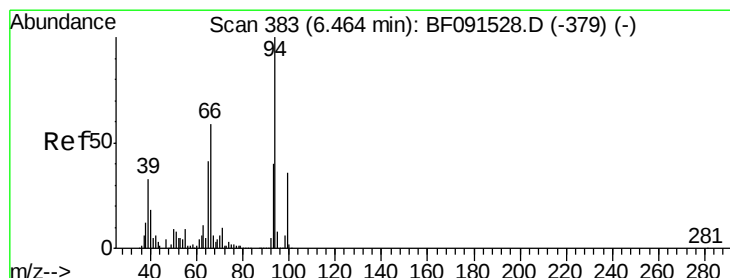
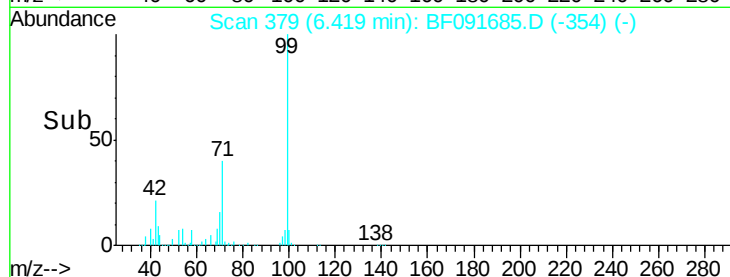
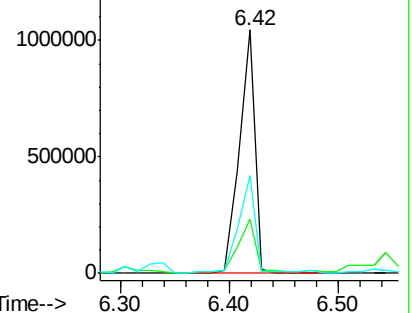
Ion	Ratio	Lower	Upper
99	100		
42	22.3	20.6	31.0
71	40.3	29.9	44.9



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: 6.23 ng

RT: 6.43 min Scan# 380

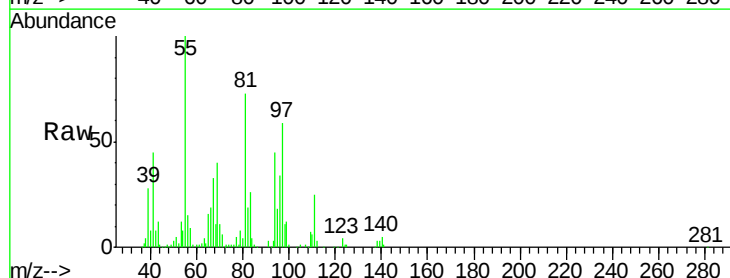
Delta R.T. -0.01 min

Lab File: BF091685.D

Acq: 16 Dec 2016 20:59

Tgt Ion: 94 Resp: 68958

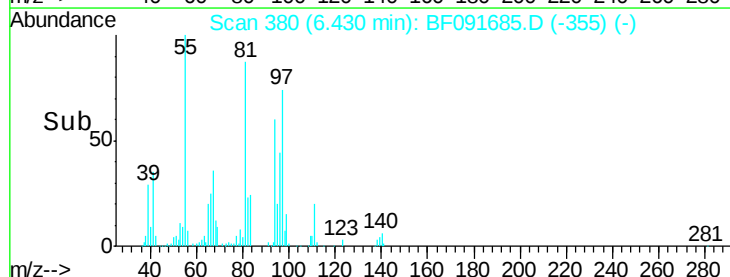
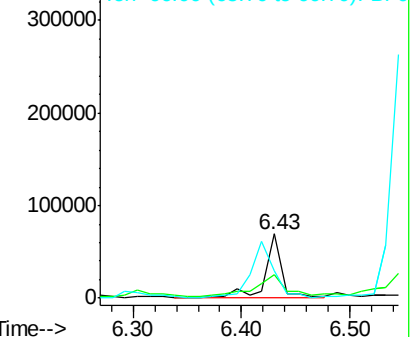
Ion	Ratio	Lower	Upper
94	100		
65	36.3	16.9	56.9
66	42.9	30.6	70.6

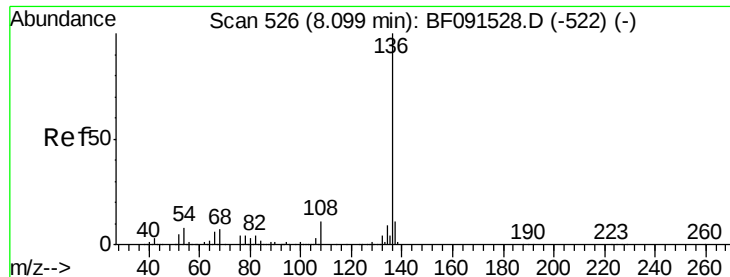


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091685.D

Acq: 16 Dec 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SB-46(10-12)-12-14-16

Tot Ion:136 Resp: 410697

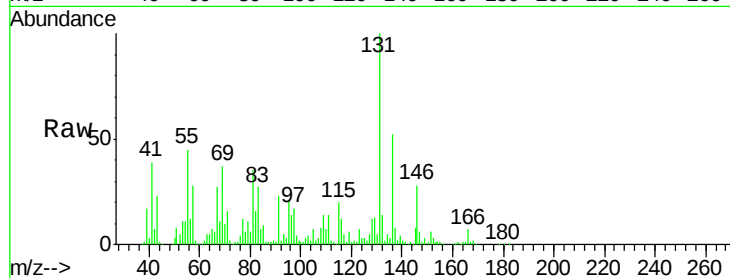
Ion Ratio Lower Upper

136 100

137 14.6 9.1 13.7#

54 21.3 9.1 13.7#

68 20.3 5.9 8.9#

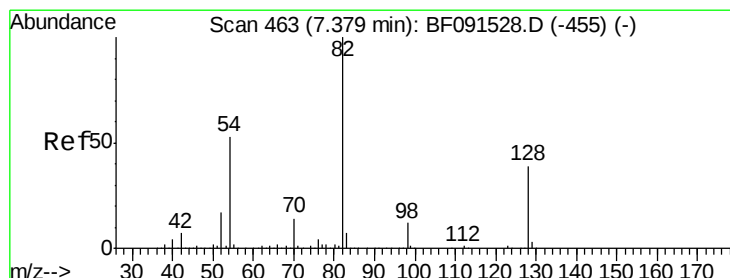
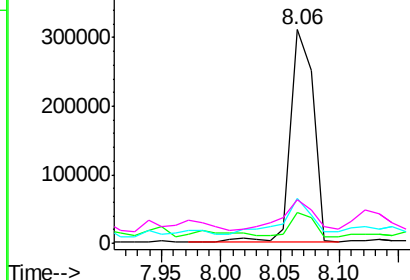
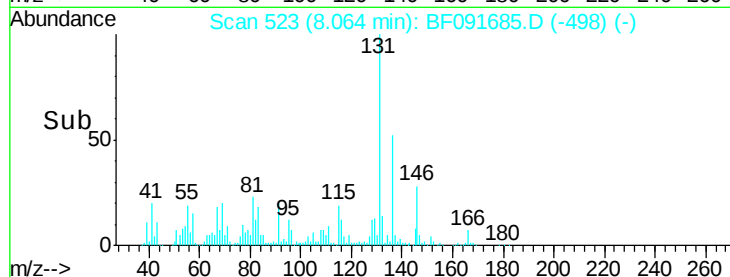


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.30 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091685.D

Acq: 16 Dec 2016 20:59

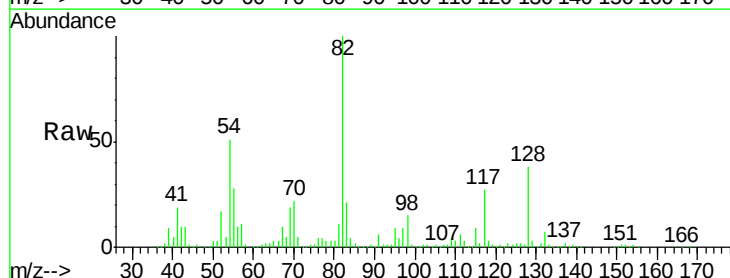
Tgt Ion: 82 Resp: 693941

Ion Ratio Lower Upper

82 100

128 38.3 31.8 47.6

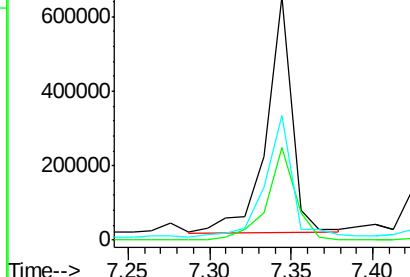
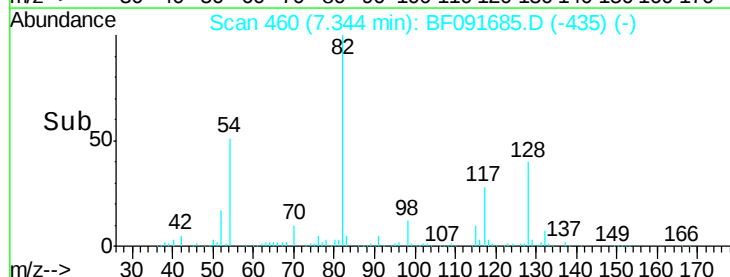
54 51.2 49.1 73.7

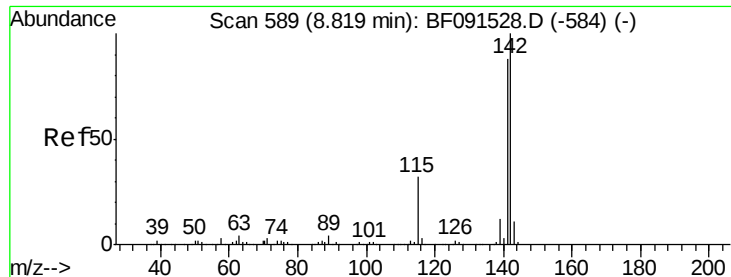


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

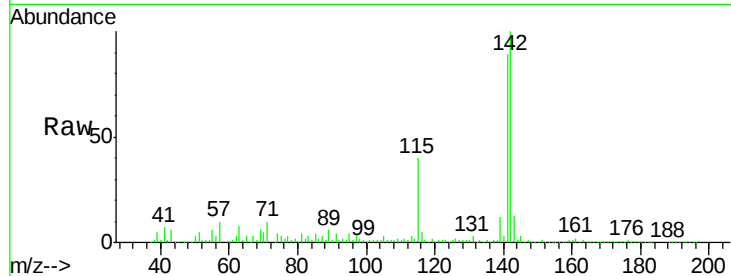




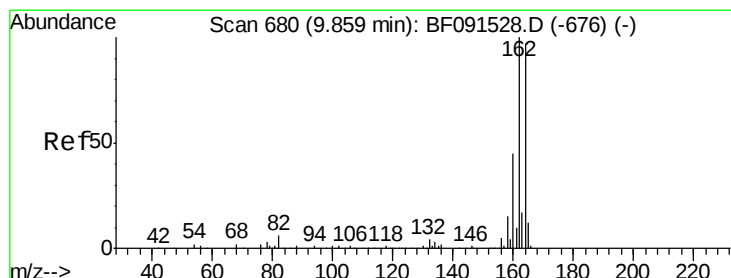
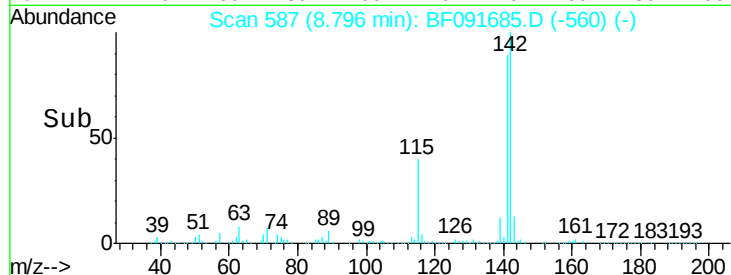
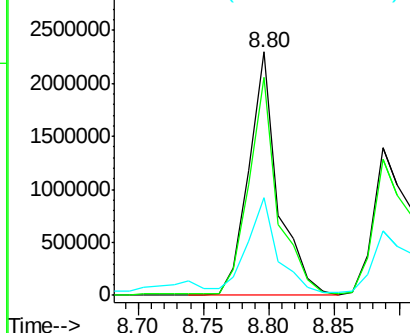
#37
2-Methylnaphthalene
Concen: 287.61 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.01 min
Lab File: BF091685.D
Acq: 16 Dec 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SB-46(10-12)-12-14-16

Tot Ion:142 Resp: 3557116
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5
115 40.2 25.0 37.6#

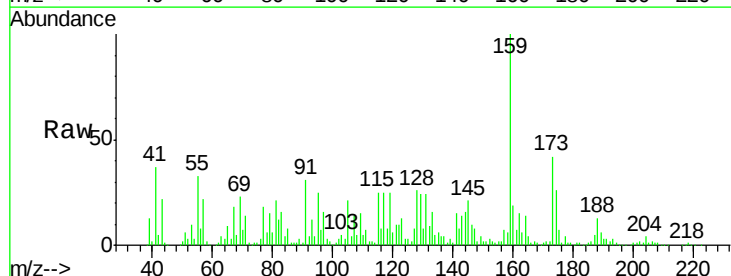


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

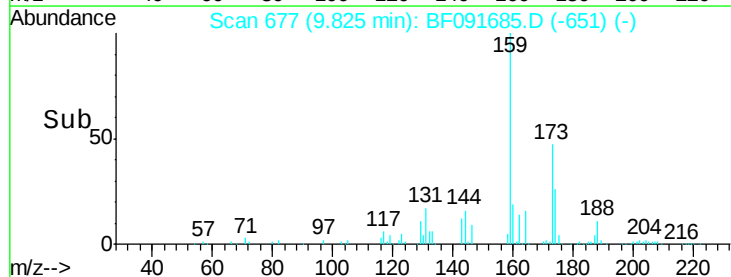
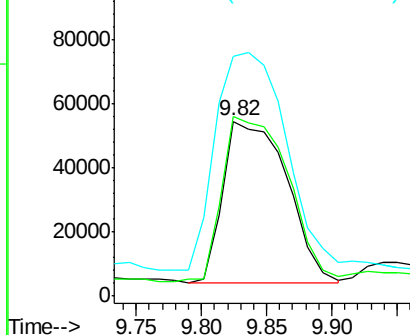


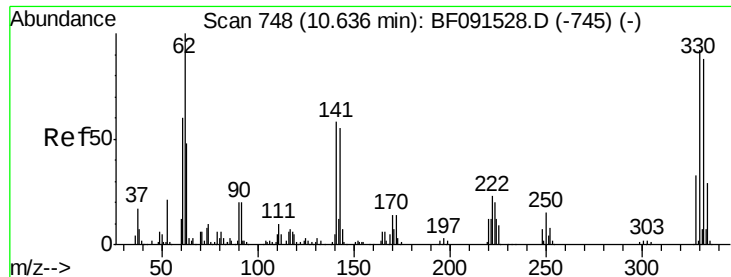
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF091685.D
Acq: 16 Dec 2016 20:59

Tgt Ion:164 Resp: 171900
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 137.6 36.7 55.1#



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

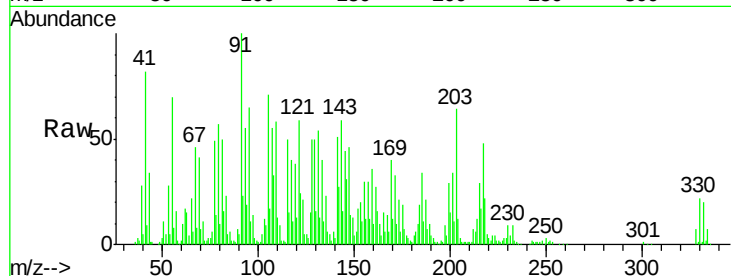




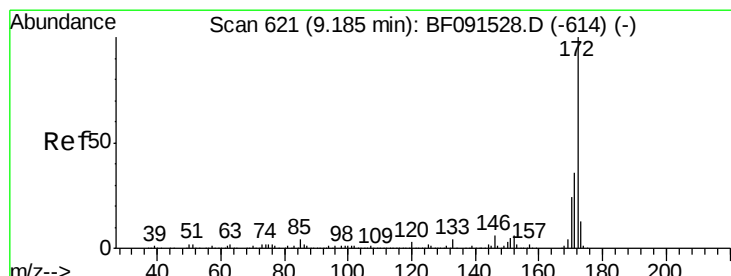
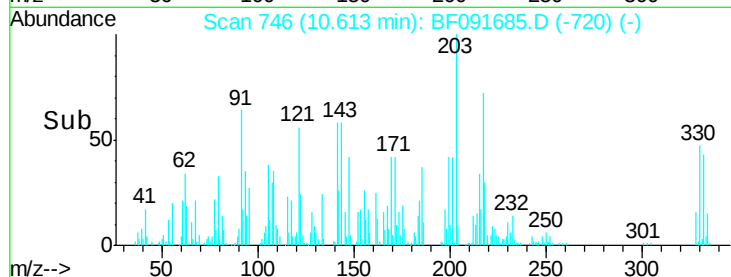
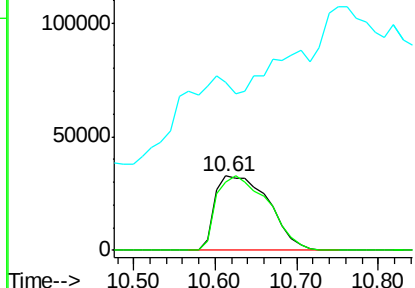
#41
 2,4,6-Tribromophenol
 Concen: 105.31 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF091685.D
 Acq: 16 Dec 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-46(10-12)-12-14-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	0.0	33.6	50.4

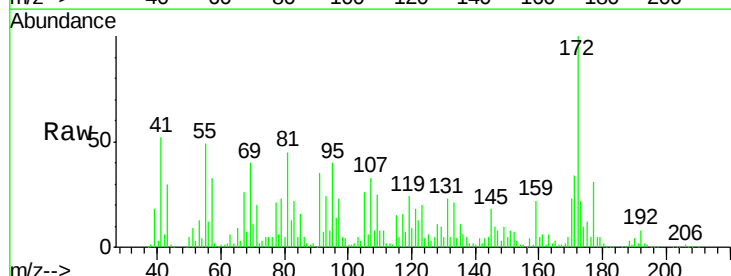


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

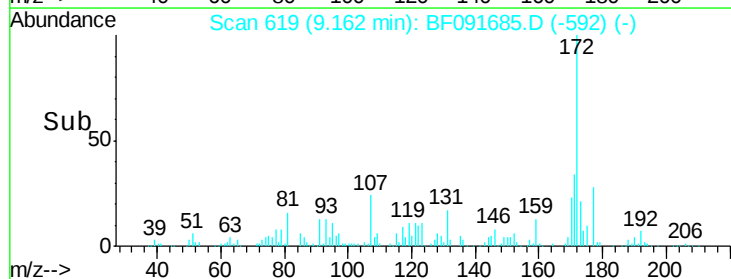
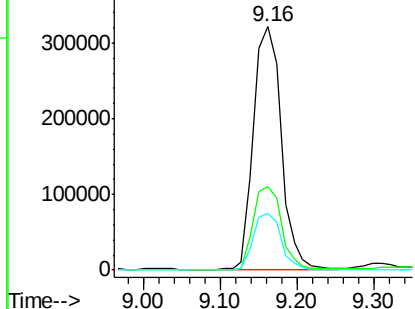


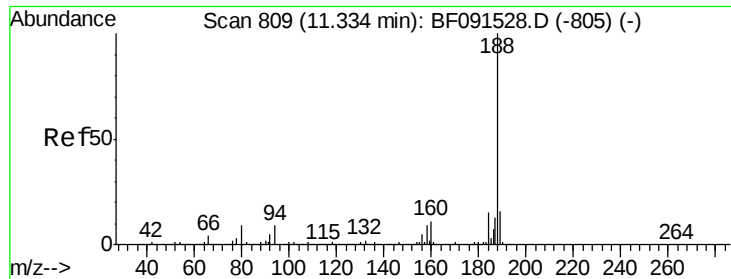
#44
 2-Fluorobiphenyl
 Concen: 80.23 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF091685.D
 Acq: 16 Dec 2016 20:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.0
170	23.4	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

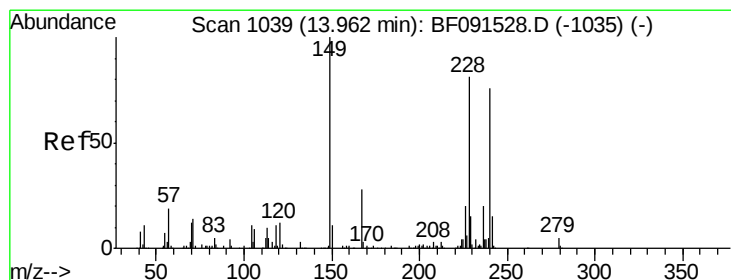
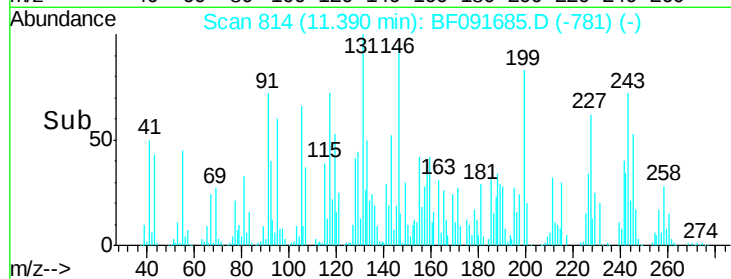
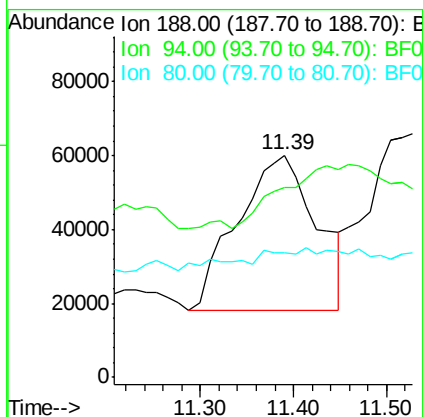
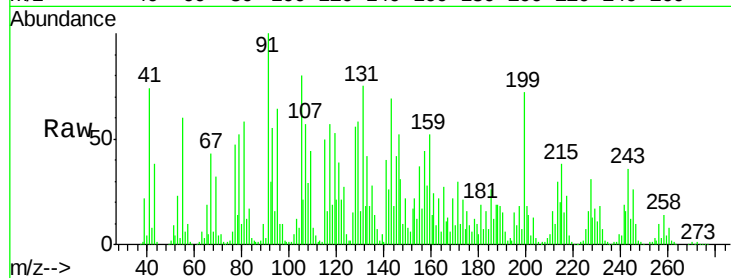




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.08 min
Lab File: BF091685.D
Acq: 16 Dec 2016 20:59

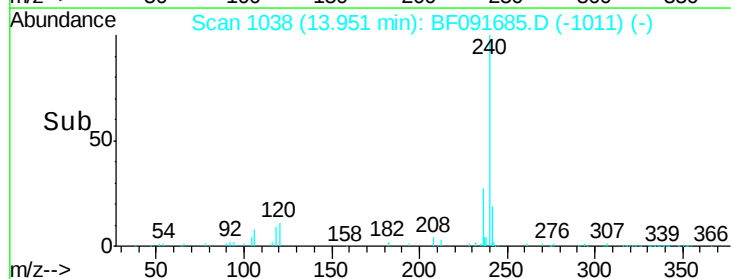
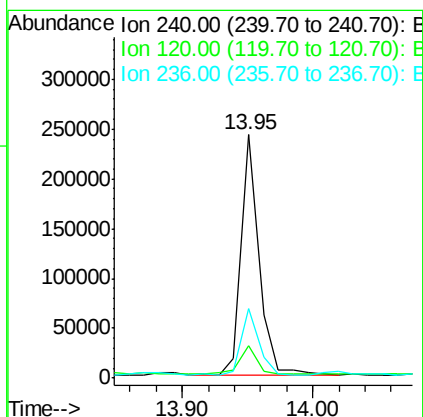
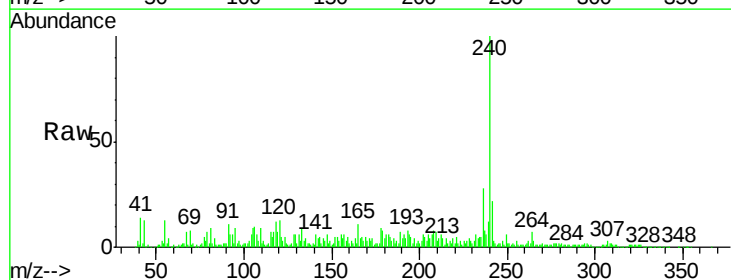
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BNA_F
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SB-46(10-12)-12-14-16

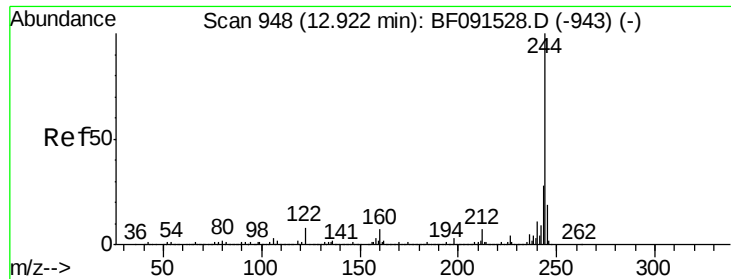
Tot Ion:188 Resp: 245149
Ion Ratio Lower Upper
188 100
94 85.3 9.2 13.8#
80 55.7 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF091685.D
Acq: 16 Dec 2016 20:59

Tgt Ion:240 Resp: 228900
Ion Ratio Lower Upper
240 100
120 13.5 12.1 18.1
236 28.4 21.0 31.6





#78

Terphenyl-d14

Concen: 0.50 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF091685.D

Acq: 16 Dec 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SB-46(10-12)-12-14-16

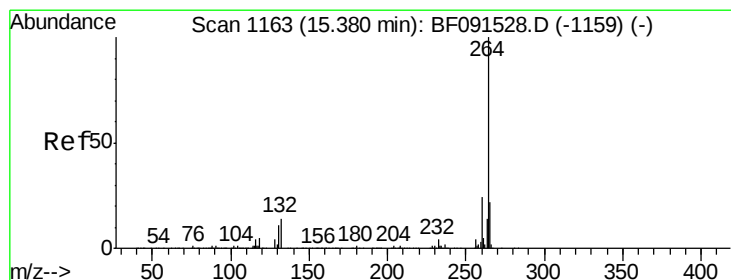
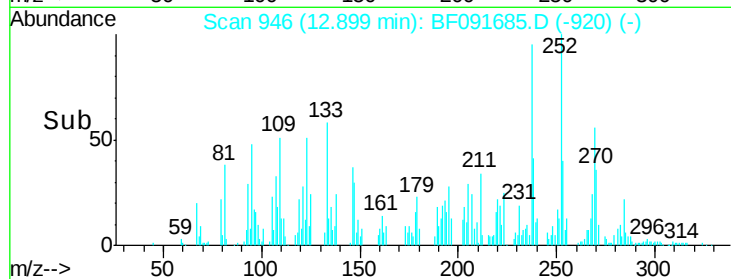
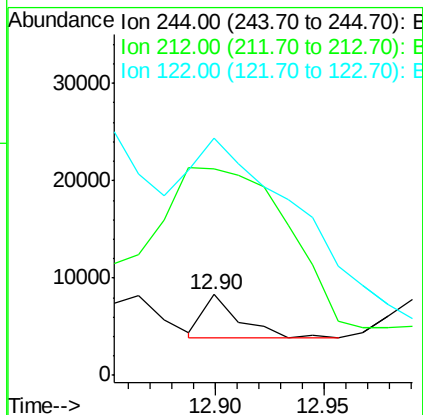
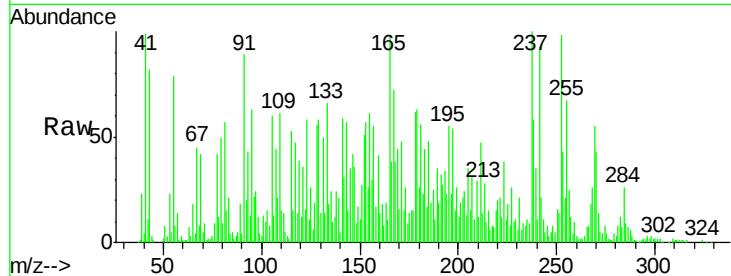
Tot Ion:244 Resp: 5054

Ion Ratio Lower Upper

244 100

212 256.4 6.5 9.7#

122 294.4 9.5 14.3#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF091685.D

Acq: 16 Dec 2016 20:59

Tgt Ion:264 Resp: 245865

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.8 17.0 25.6

