

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090418.D
 Acq On : 6 Oct 2016 9:08
 Operator : UM/SJ
 Sample : H5065-01 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-1-10032016

Quant Time: Oct 06 13:20:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

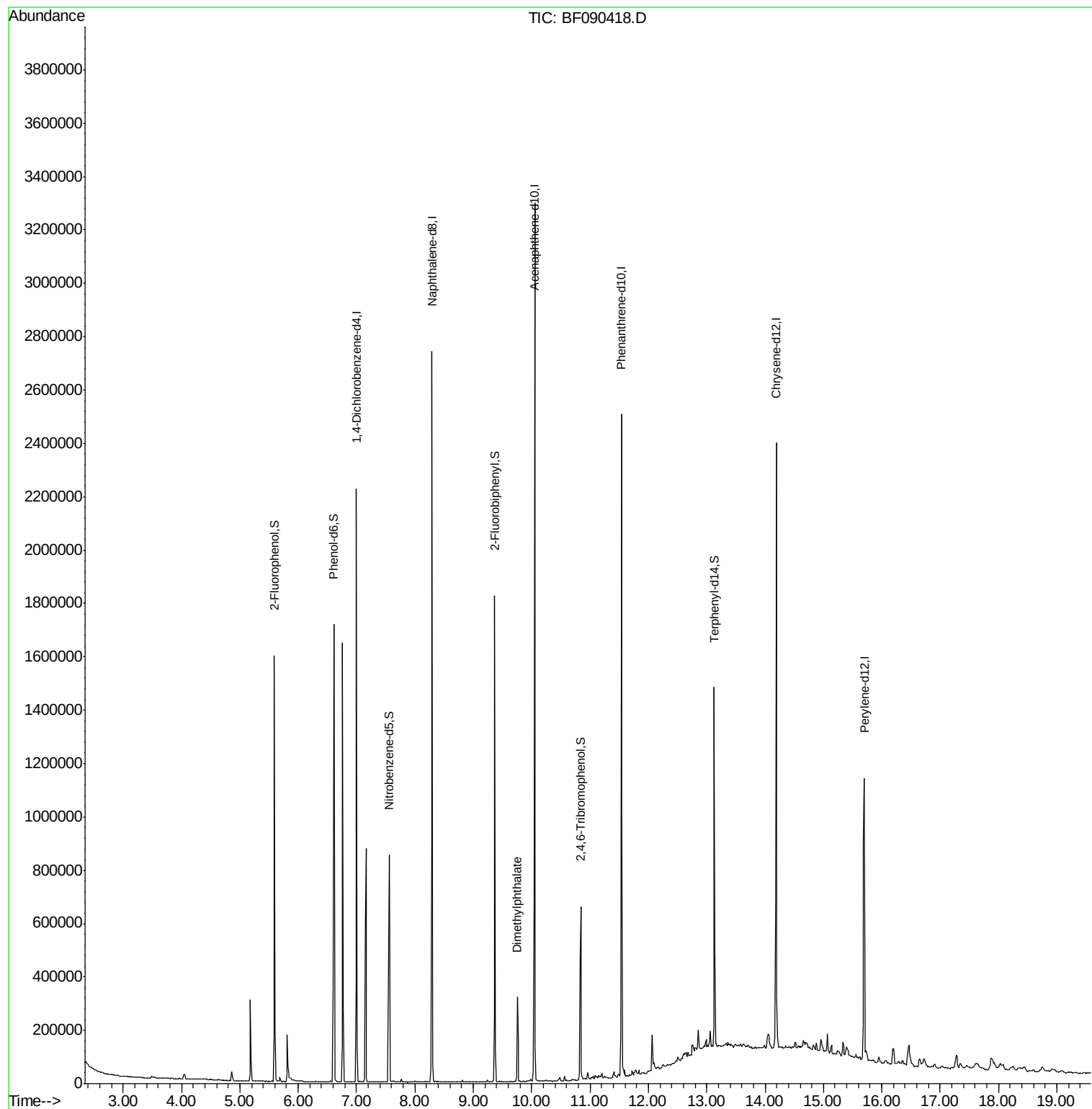
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	289576	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1220830	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	617495	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	913562	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	682966	20.00	ng	-0.01
86) Perylene-d12	15.70	264	496250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	368046	18.97	ng	-0.01
7) Phenol-d6	6.61	99	531101	20.90	ng	-0.01
23) Nitrobenzene-d5	7.56	82	318276	12.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	85774	17.08	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	484636	13.08	ng	-0.01
78) Terphenyl-d14	13.13	244	375058	12.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	138026	3.49	ng	Qvalue # 98

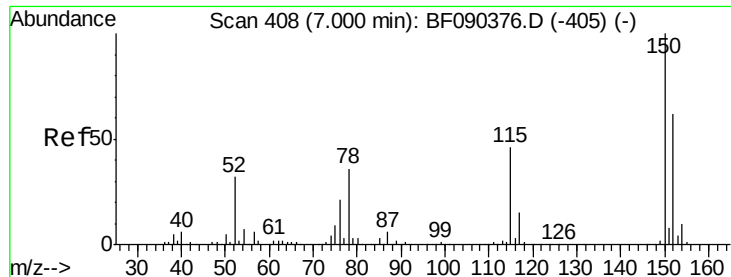
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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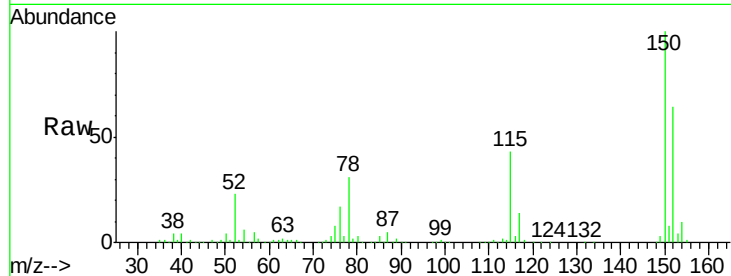




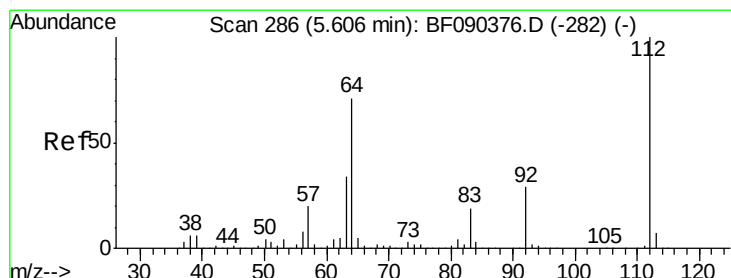
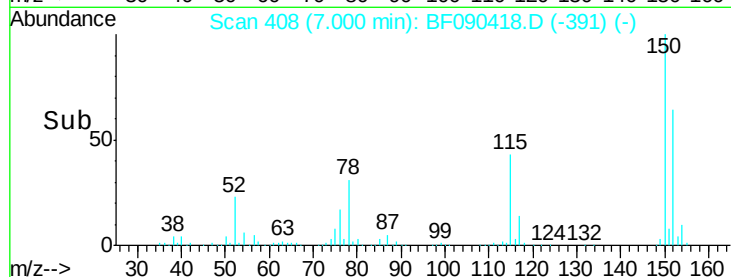
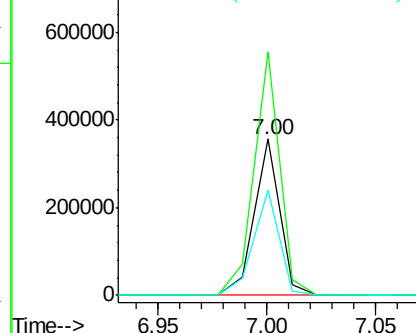
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF090418.D
 Acq: 6 Oct 2016 9:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-1-10032016

Tot Ion:152 Resp: 289576
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 67.1 46.2 69.4

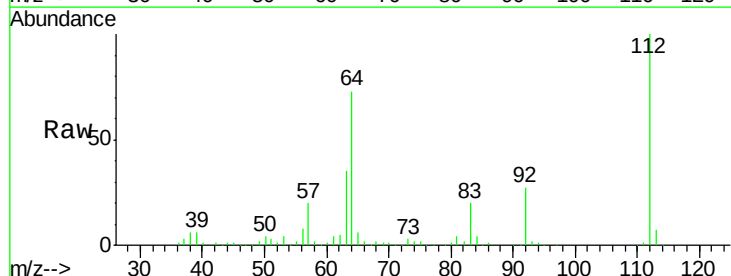


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

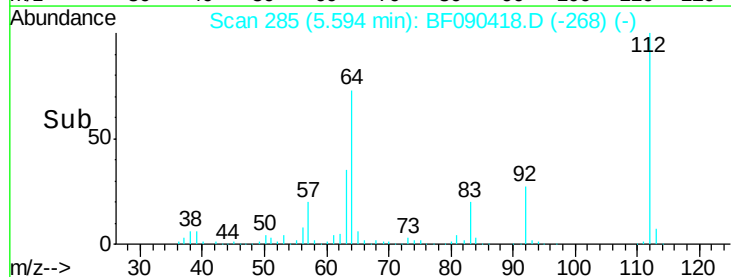
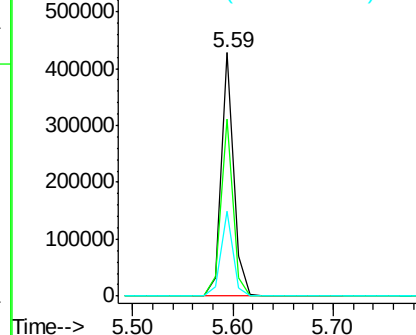


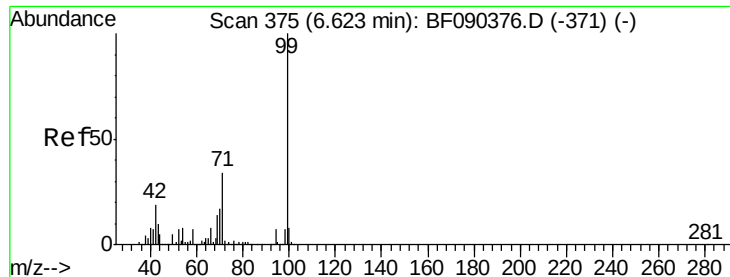
#5
 2-Fluorophenol
 Concen: 18.97 ng
 RT: 5.59 min Scan# 285
 Delta R.T. -0.01 min
 Lab File: BF090418.D
 Acq: 6 Oct 2016 9:08

Tgt Ion:112 Resp: 368046
 Ion Ratio Lower Upper
 112 100
 64 72.9 57.9 86.9
 63 34.8 29.6 44.4



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: 20.90 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090418.D

Acq: 6 Oct 2016 9:08

Instrument :

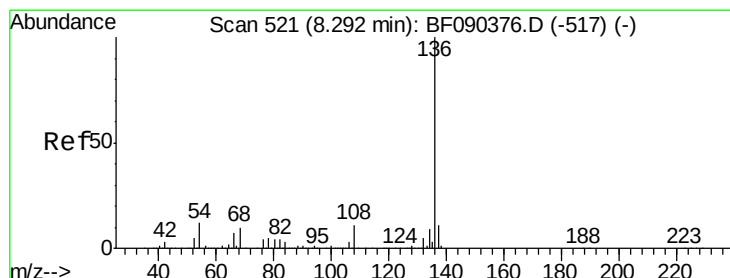
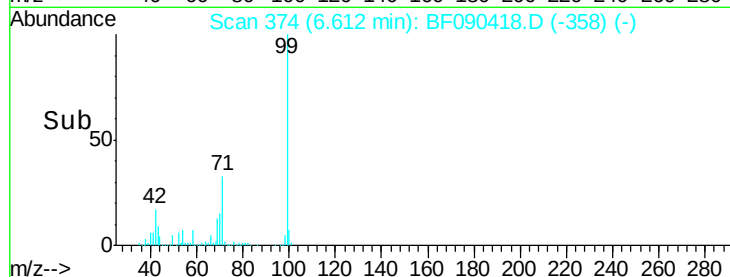
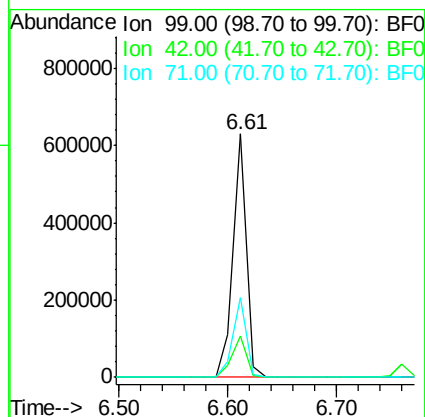
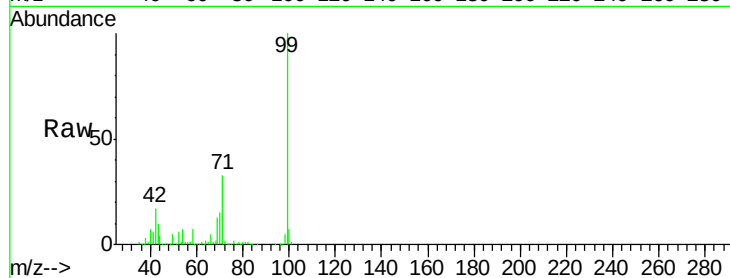
BNA_F

ClientSampleId :

SB-BC-1-10032016

Tot Ion: 99 Resp: 531101

Ion	Ratio	Lower	Upper
99	100		
42	17.2	20.0	30.0#
71	32.6	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

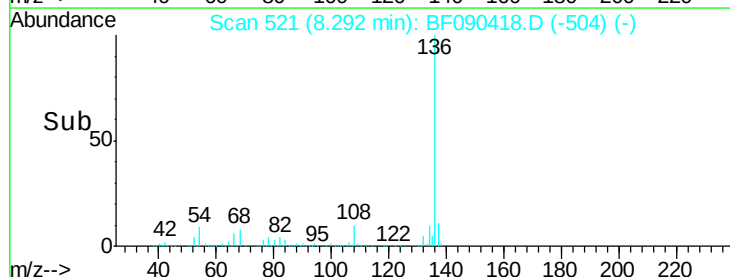
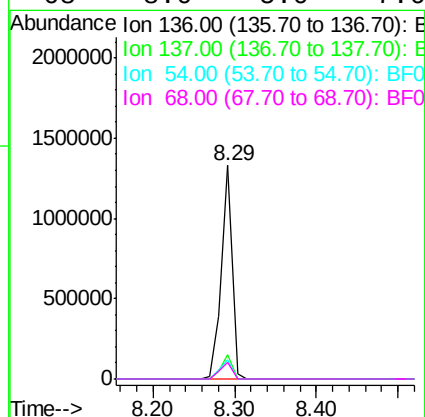
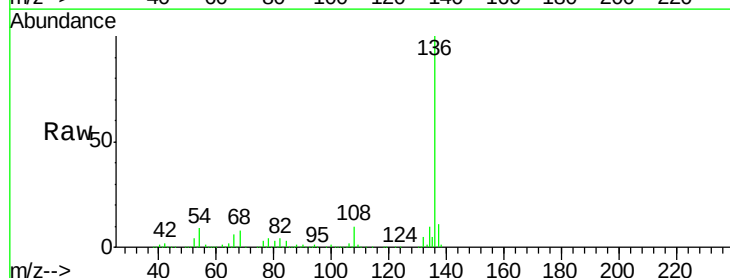
Delta R.T. -0.00 min

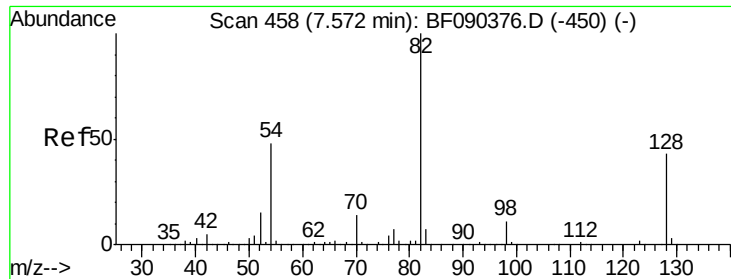
Lab File: BF090418.D

Acq: 6 Oct 2016 9:08

Tgt Ion: 136 Resp: 1220830

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.2	6.6	10.0
68	8.0	5.0	7.6#

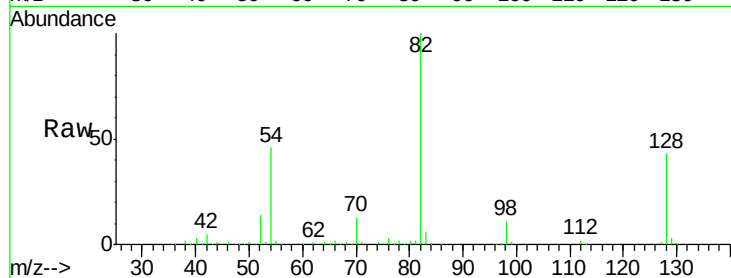




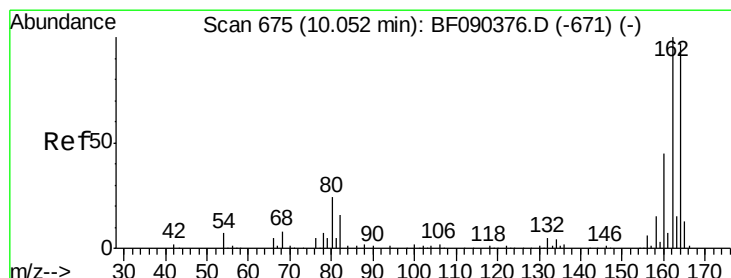
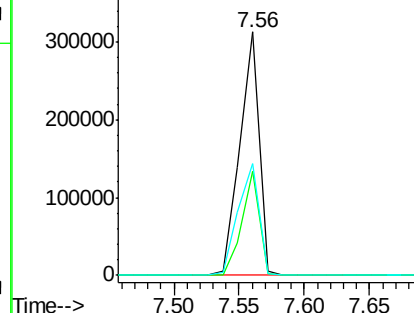
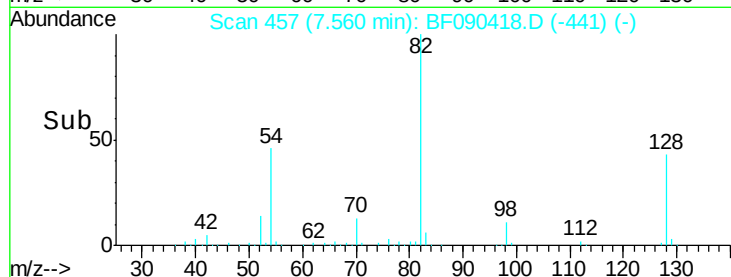
#23
 Nitrobenzene-d5
 Concen: 12.68 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090418.D
 Acq: 6 Oct 2016 9:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-1-10032016

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	40.0	60.0
54	45.9	42.6	64.0

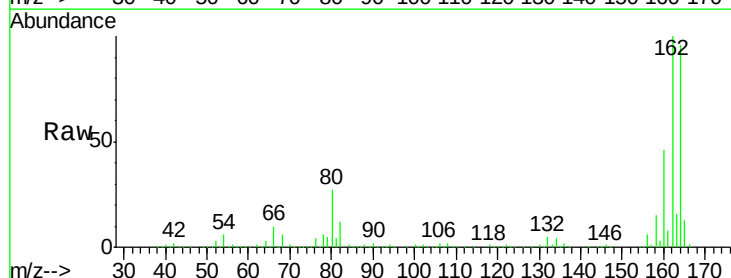


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

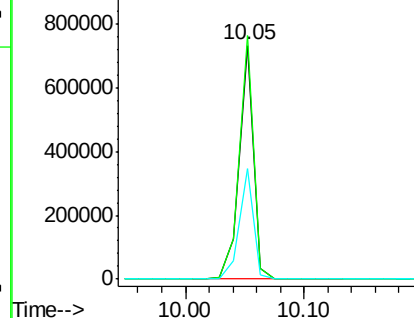
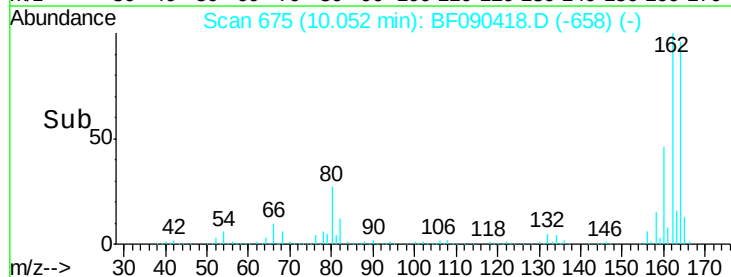


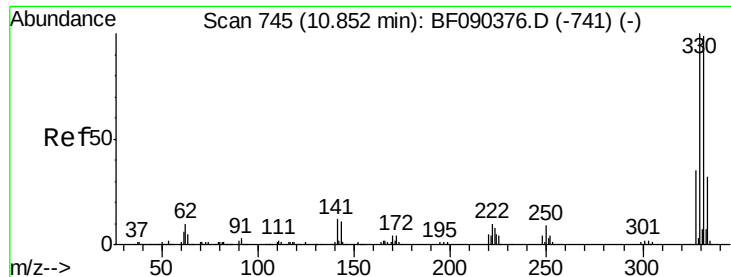
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090418.D
 Acq: 6 Oct 2016 9:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.1	120.1
160	47.4	36.3	54.5



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

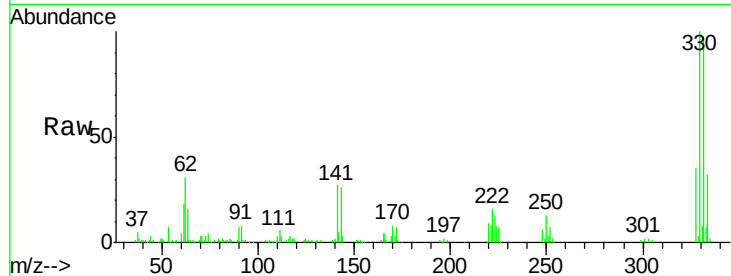




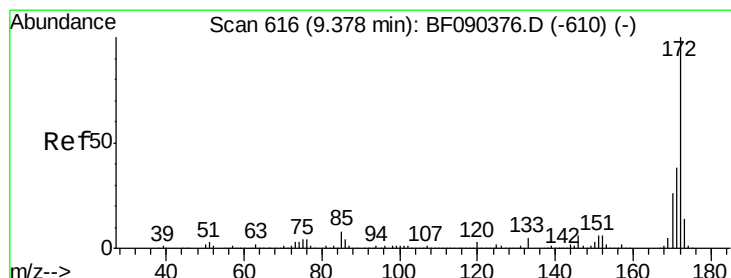
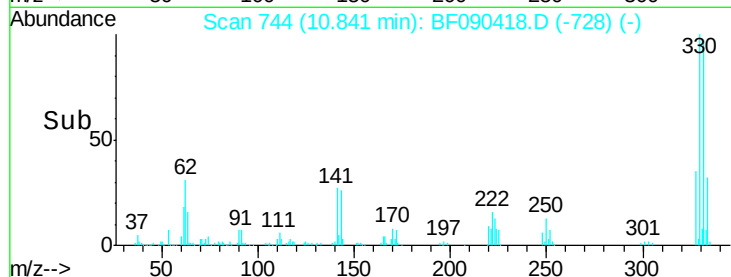
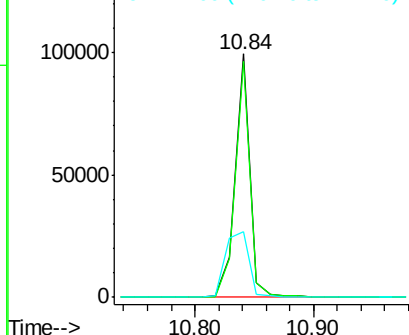
#41
 2,4,6-Tribromophenol
 Concen: 17.08 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090418.D
 Acq: 6 Oct 2016 9:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-1-10032016

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	43.2	26.9	40.3

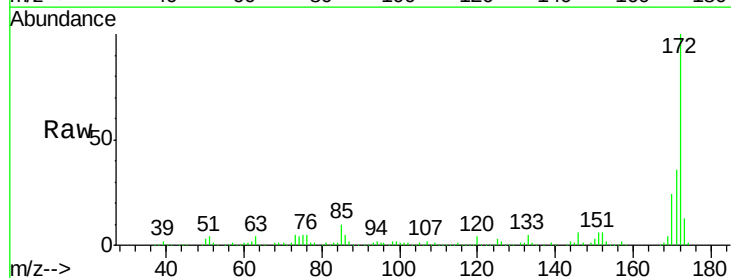


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

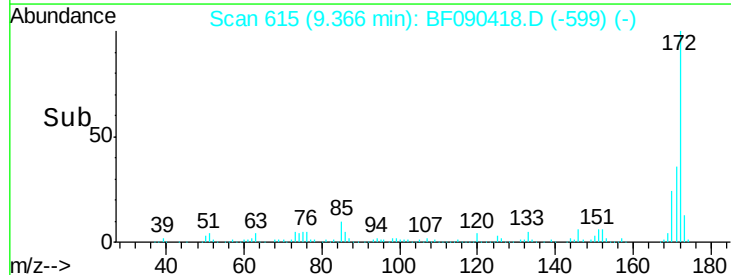
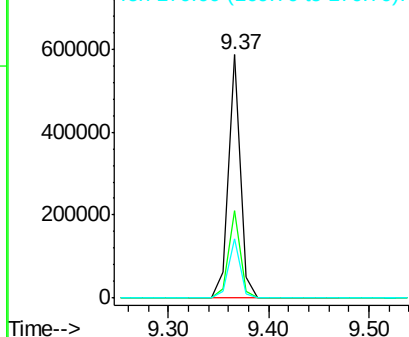


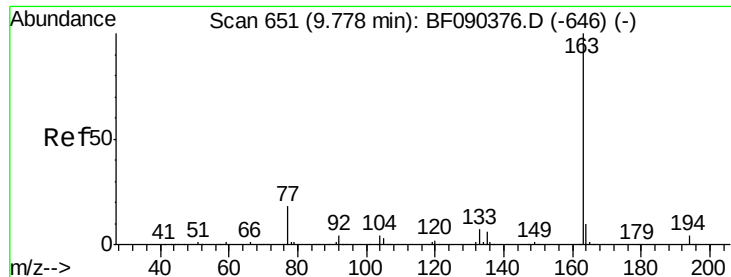
#44
 2-Fluorobiphenyl
 Concen: 13.08 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090418.D
 Acq: 6 Oct 2016 9:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	31.8	47.8
170	24.3	21.7	32.5



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





#49

Dimethylphthalate

Concen: 3.49 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF090418.D

Acq: 6 Oct 2016 9:08

Instrument :

BNA_F

ClientSampleId :

SB-BC-1-10032016

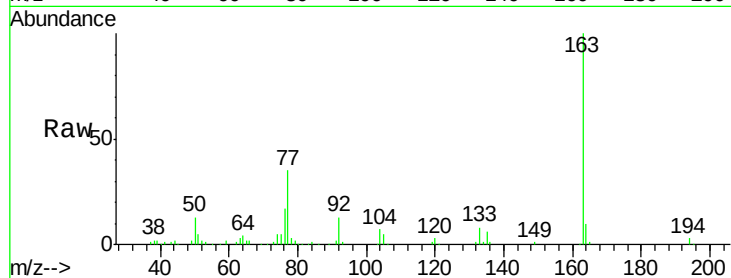
Tot Ion:163 Resp: 138026

Ion Ratio Lower Upper

163 100

194 2.7 2.8 4.2#

164 10.3 9.0 13.4



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

150000

100000

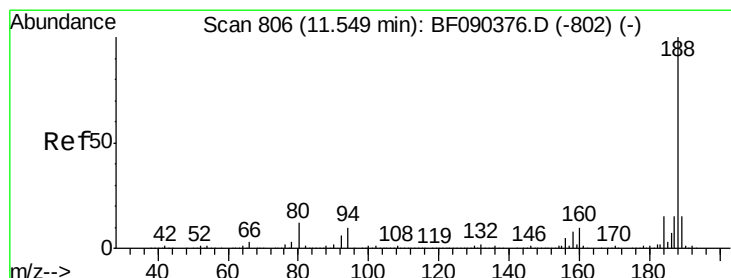
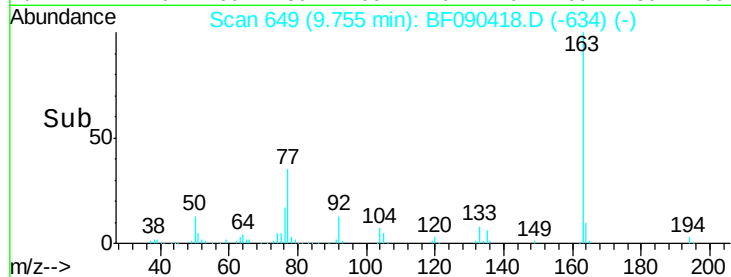
50000

0

9.75

9.70 9.75 9.80 9.85

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090418.D

Acq: 6 Oct 2016 9:08

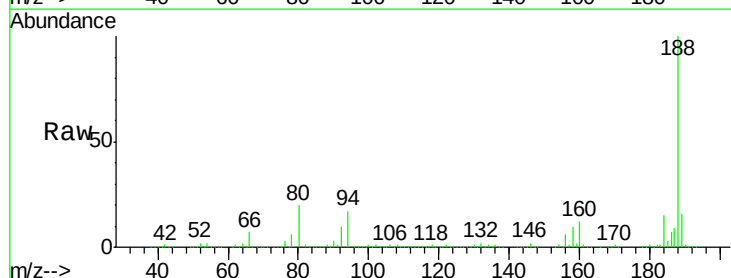
Tgt Ion:188 Resp: 913562

Ion Ratio Lower Upper

188 100

94 17.1 8.2 12.2#

80 20.4 8.8 13.2#



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

1200000

1000000

800000

600000

400000

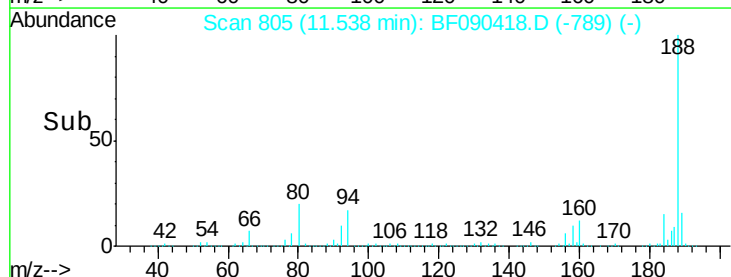
200000

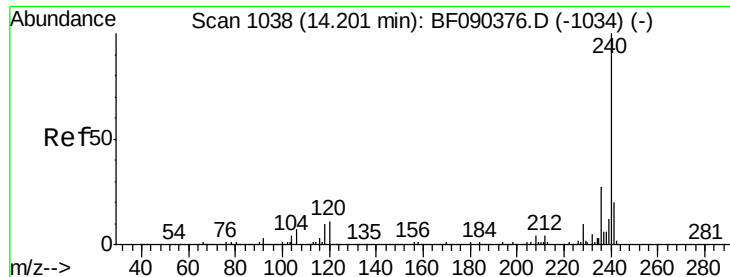
0

11.54

11.45 11.50 11.55 11.60

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090418.D

Acq: 6 Oct 2016 9:08

Instrument :

BNA_F

ClientSampleId :

SB-BC-1-10032016

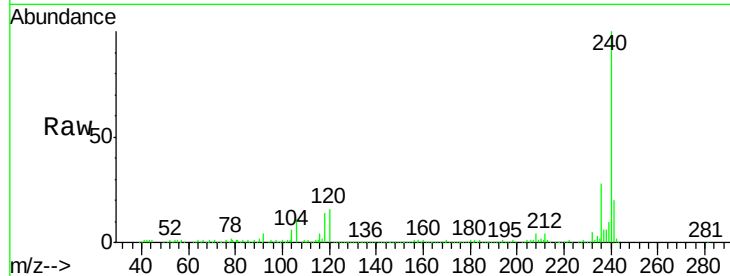
Tot Ion:240 Resp: 682966

Ion Ratio Lower Upper

240 100

120 15.6 8.6 13.0#

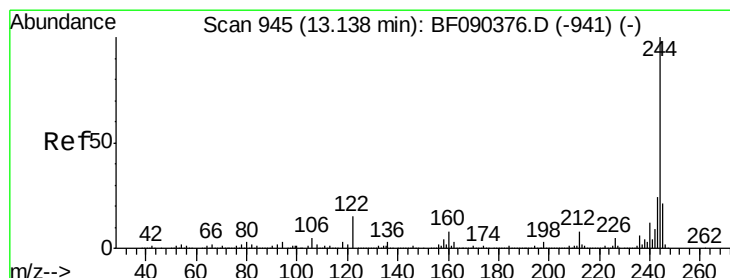
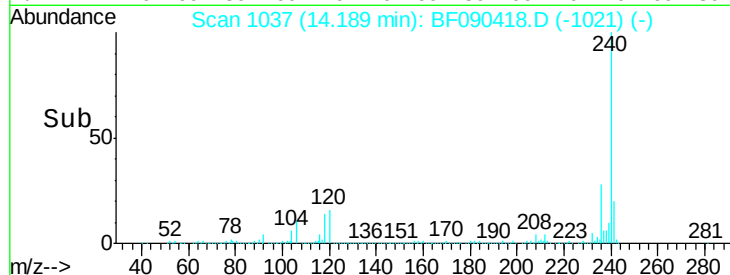
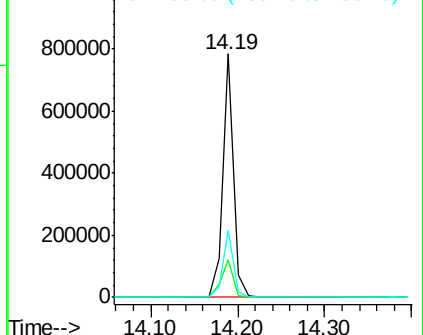
236 27.6 21.6 32.4



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: 12.35 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090418.D

Acq: 6 Oct 2016 9:08

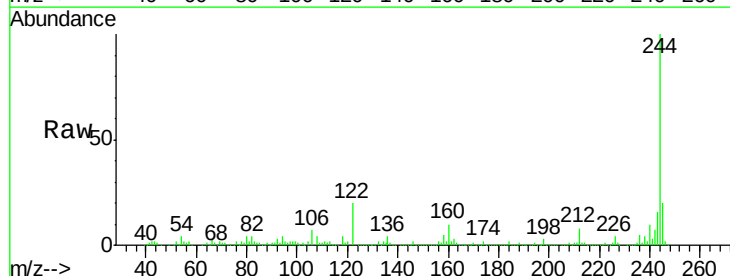
Tgt Ion:244 Resp: 375058

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

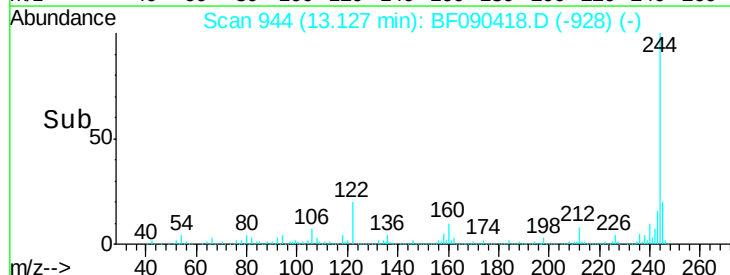
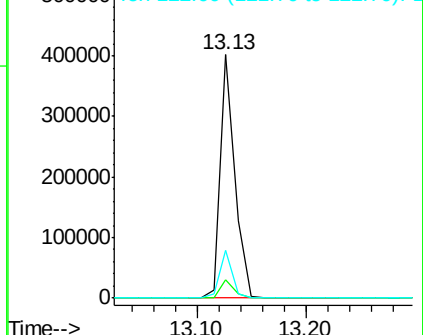
122 19.8 13.3 19.9

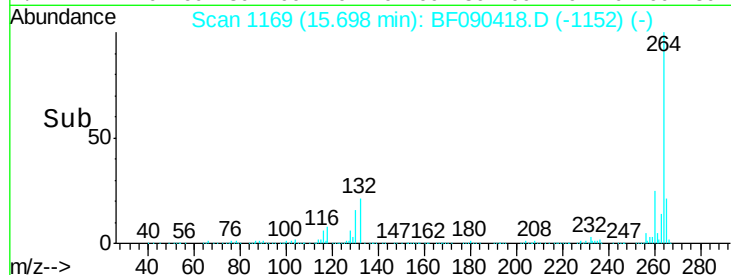
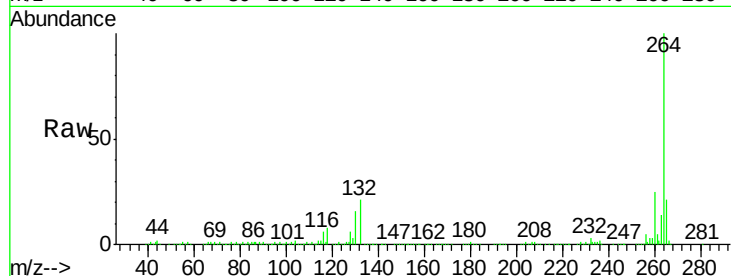
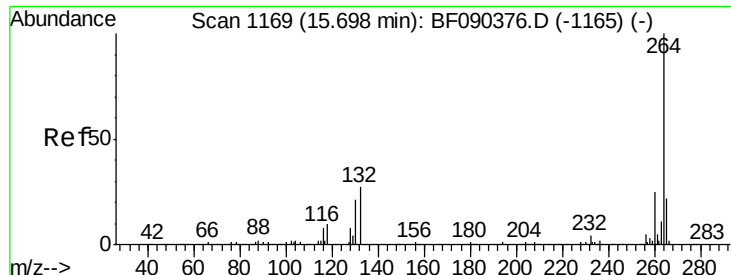


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090418.D
Acq: 6 Oct 2016 9:08

Instrument :
BNA_F
ClientSampleId :
SB-BC-1-10032016

Tot Ion:	264	Resp:	496250
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.3	28.9
265	21.2	17.4	26.0

