

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089917.D
 Acq On : 26 Aug 2016 19:40
 Operator : UM/SJ
 Sample : H4490-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-6

Quant Time: Aug 26 23:13:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

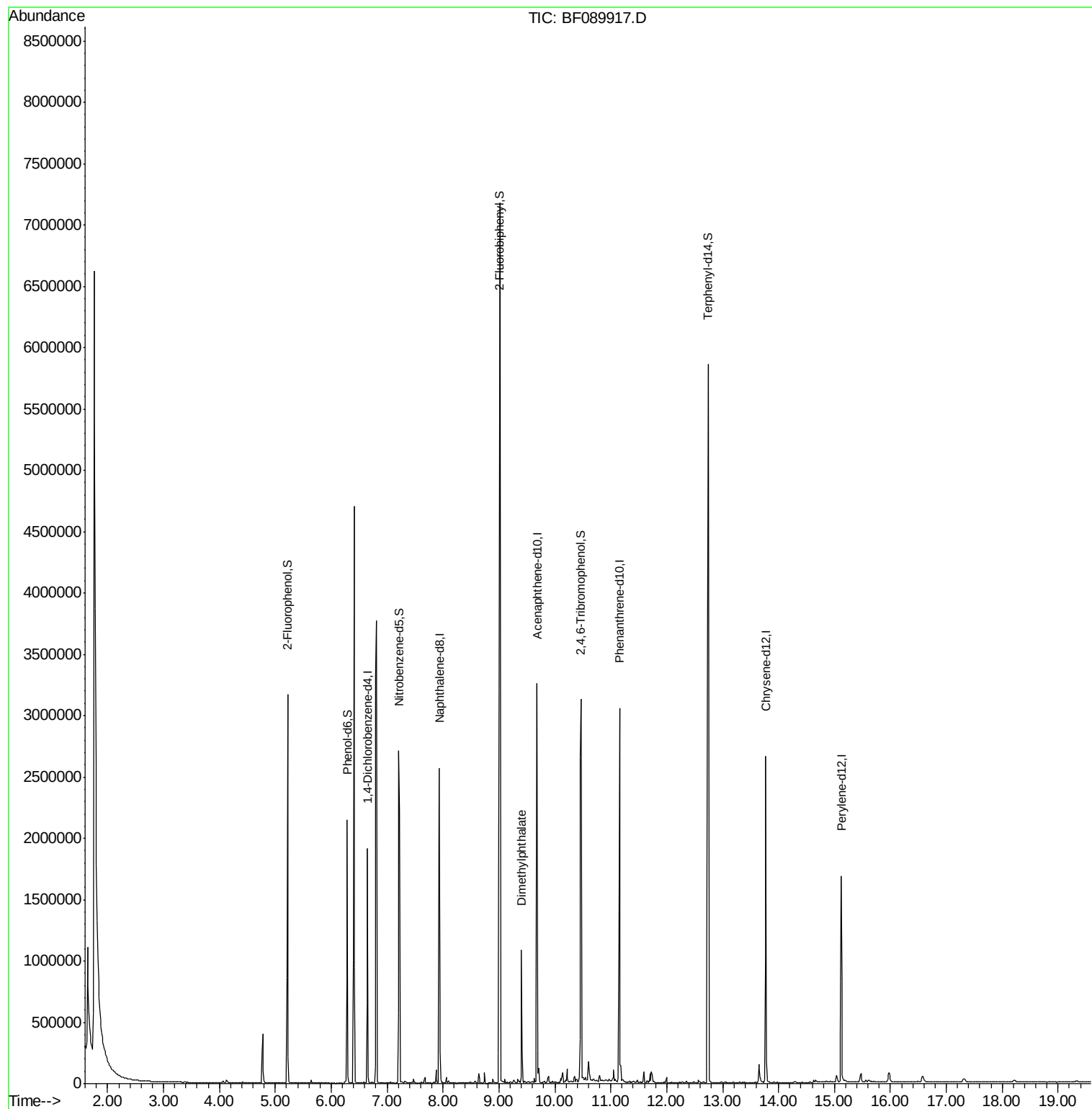
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	323606	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1185695	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	617517	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1170718	20.00	ng	0.00
75) Chrysene-d12	13.77	240	963601	20.00	ng	-0.01
86) Perylene-d12	15.12	264	768902	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	926859	49.12	ng	0.00
7) Phenol-d6	6.28	99	843955	36.43	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1369402	71.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	607278	103.48	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2493345	70.96	ng	0.00
78) Terphenyl-d14	12.74	244	2139476	50.23	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	438993	10.10	ng	99

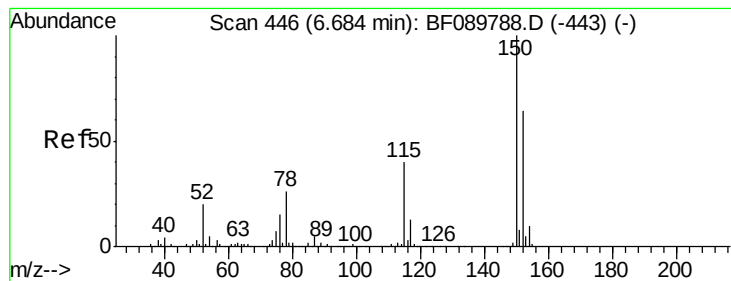
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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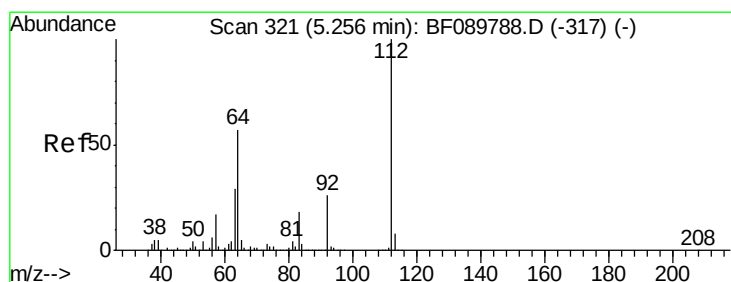
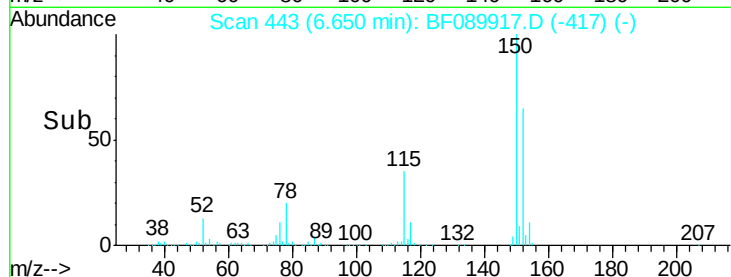
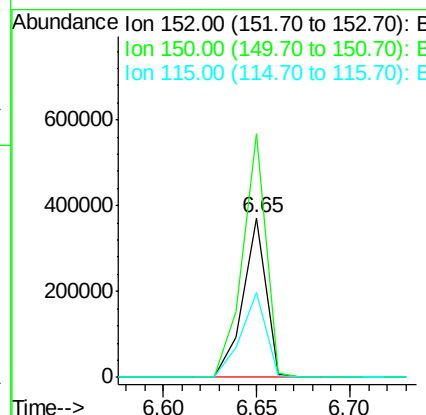
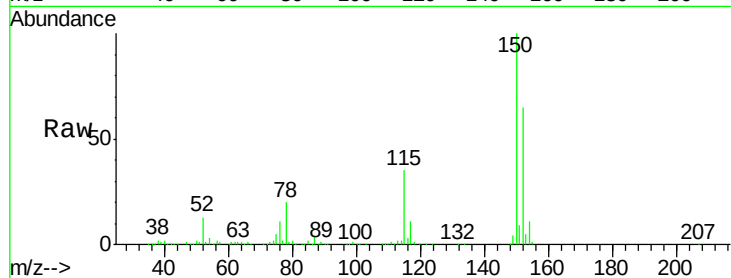




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF089917.D
 Acq: 26 Aug 2016 19:40

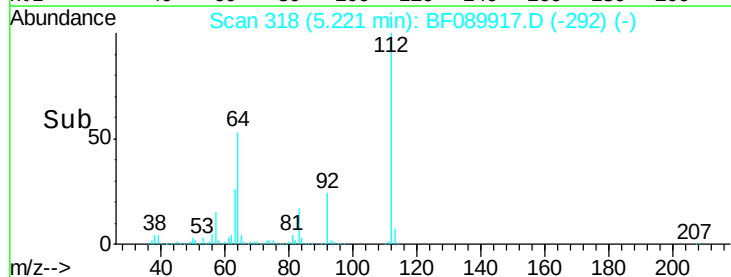
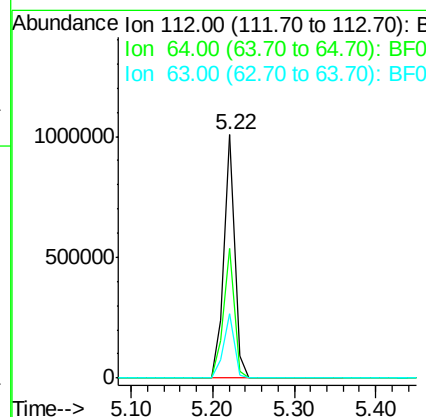
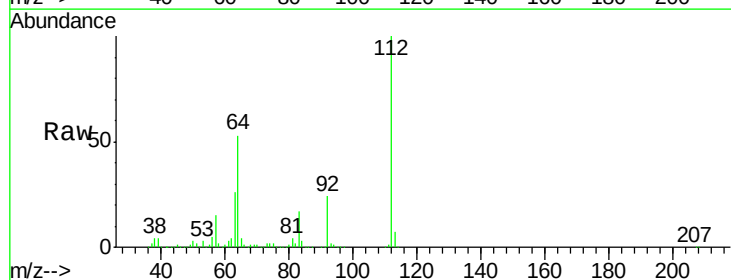
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-6

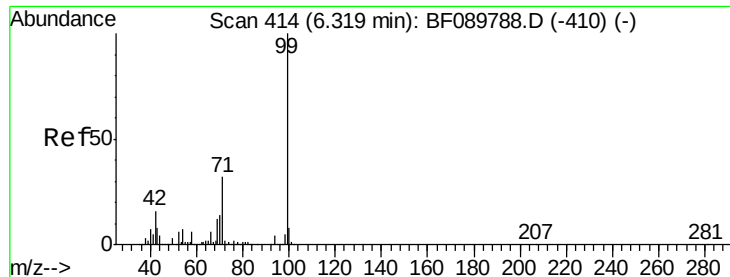
Tot Ion:152 Resp: 323606
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.3 187.9
 115 53.1 40.9 61.3



#5
 2-Fluorophenol
 Concen: 49.12 ng
 RT: 5.22 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: BF089917.D
 Acq: 26 Aug 2016 19:40

Tgt Ion:112 Resp: 926859
 Ion Ratio Lower Upper
 112 100
 64 53.3 45.0 67.4
 63 26.5 23.1 34.7





#7

Phenol-d6

Concen: 36.43 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089917.D

Acq: 26 Aug 2016 19:40

Instrument :

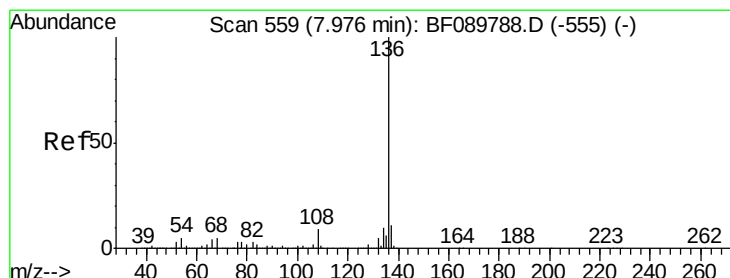
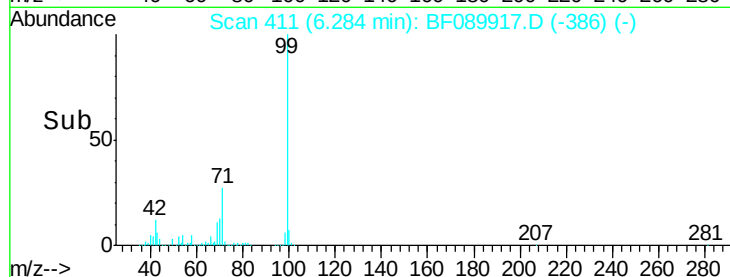
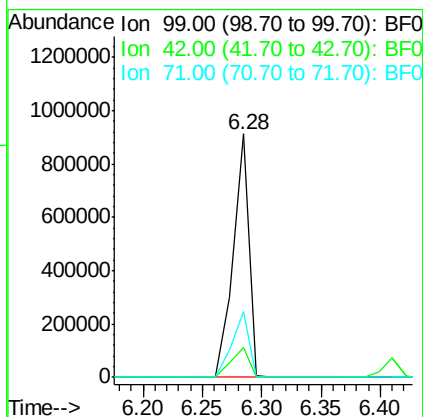
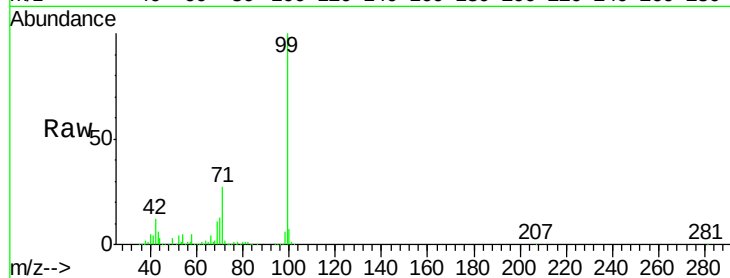
BNA_F

ClientSampleId :

670-UNDERCLIFF-6

Tot Ion: 99 Resp: 843955

Ion	Ratio	Lower	Upper
99	100		
42	12.1	12.2	18.4#
71	27.1	23.8	35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

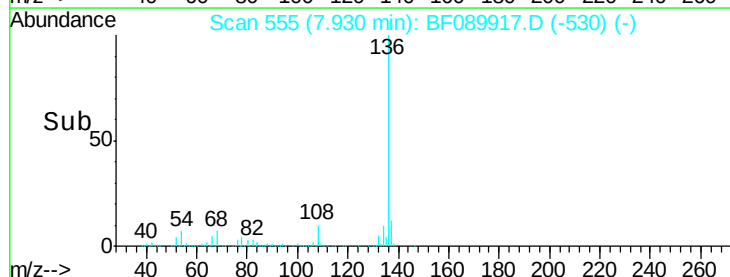
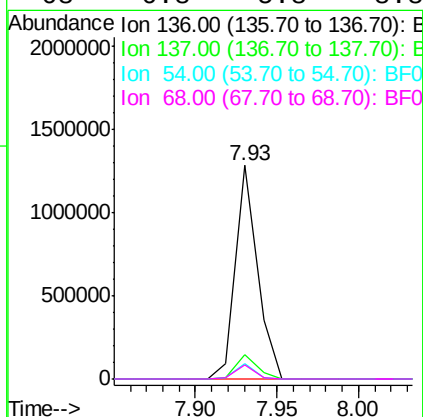
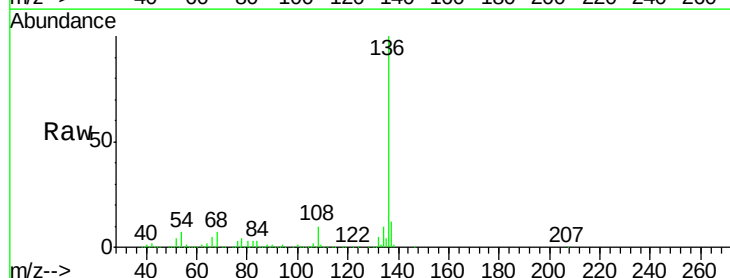
Delta R.T. -0.01 min

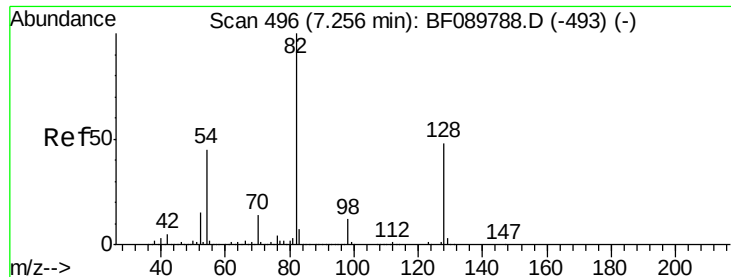
Lab File: BF089917.D

Acq: 26 Aug 2016 19:40

Tgt Ion: 136 Resp: 1185695

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.5	7.2	10.8
68	6.8	5.8	8.8



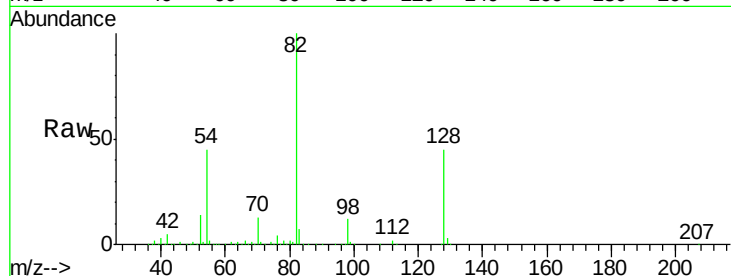


#23
 Nitrobenzene-d5
 Concen: 71.75 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF089917.D
 Acq: 26 Aug 2016 19:40

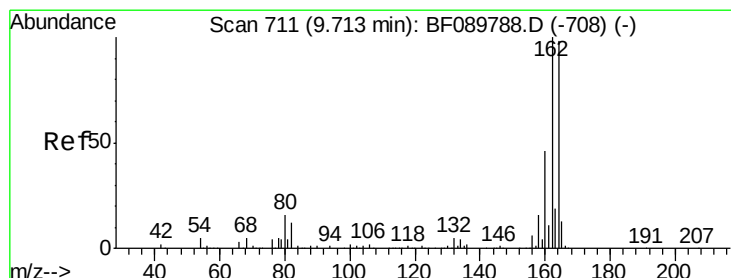
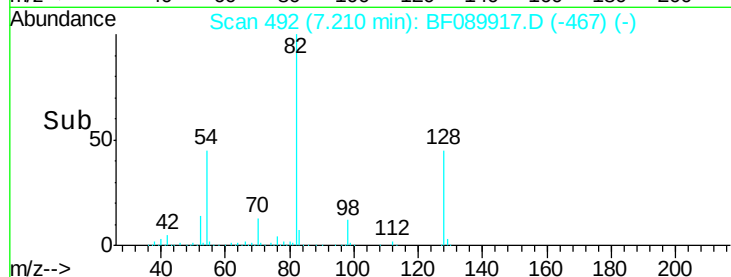
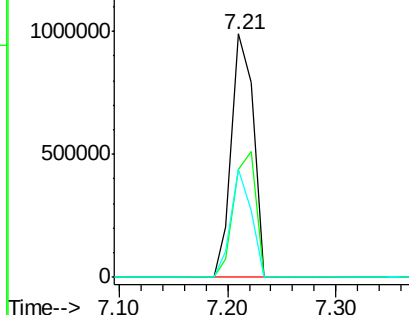
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-6

Tot Ion: 82 Resp: 1369402

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.4	51.6
54	44.6	40.3	60.5



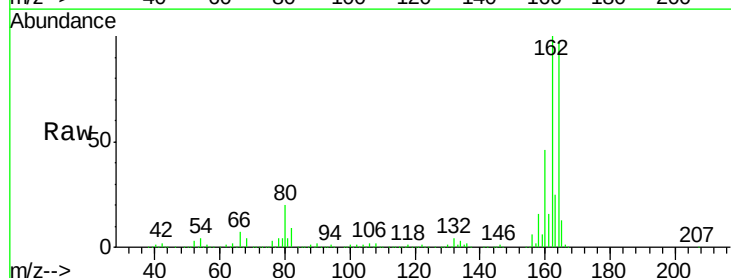
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



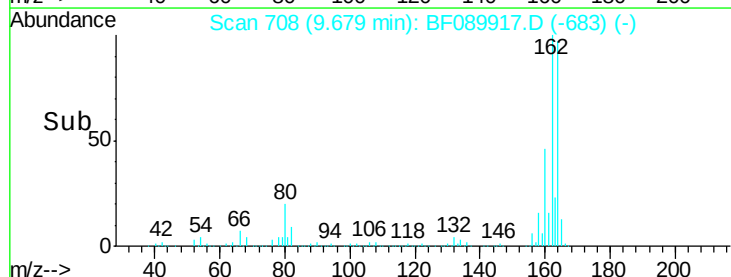
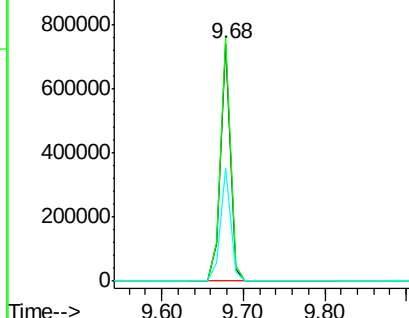
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089917.D
 Acq: 26 Aug 2016 19:40

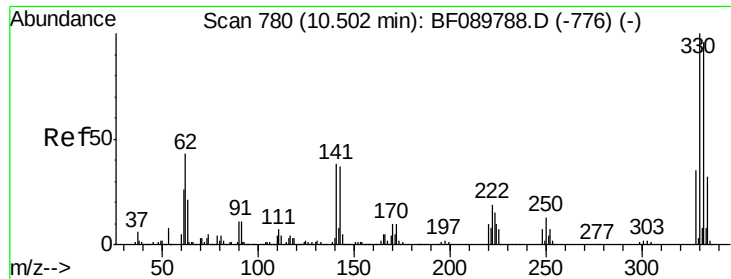
Tgt Ion:164 Resp: 617517

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.2
160	47.7	37.8	56.6



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

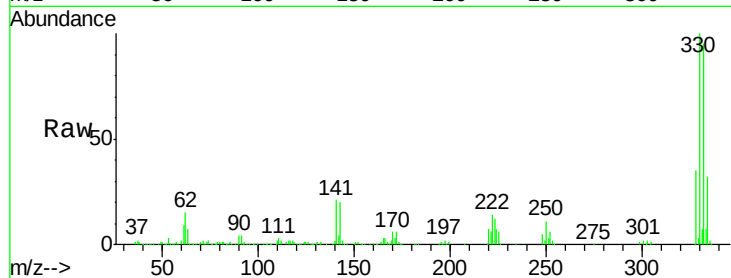




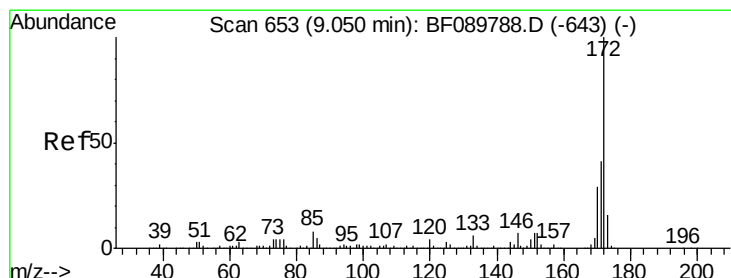
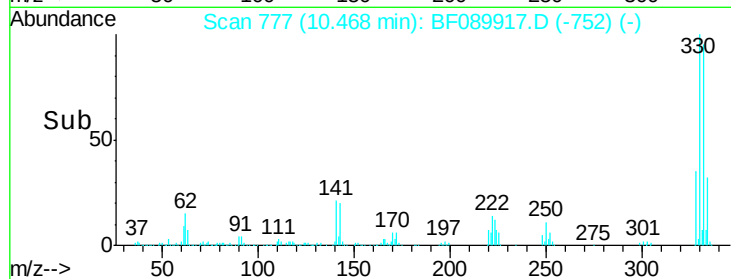
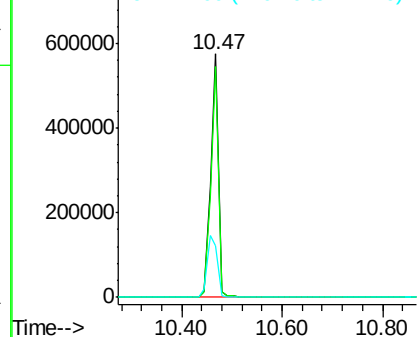
#41
 2,4,6-Tribromophenol
 Concen: 103.48 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089917.D
 Acq: 26 Aug 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-6

Tot Ion:330 Resp: 607278
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.7 115.1
 141 33.3 30.2 45.2

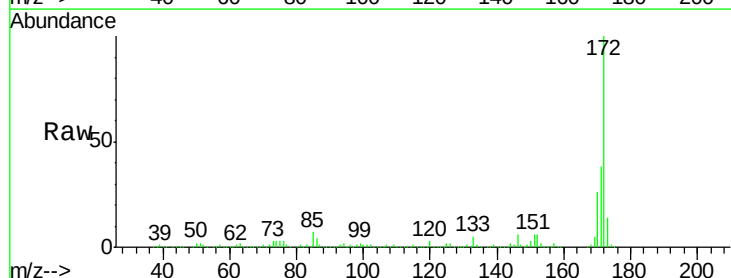


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

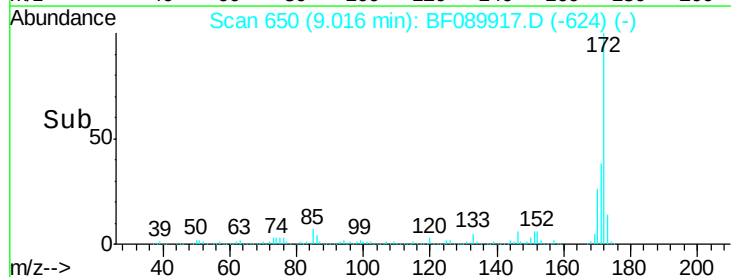
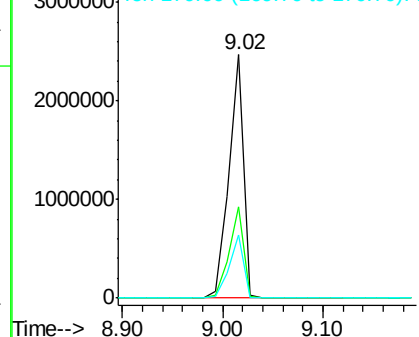


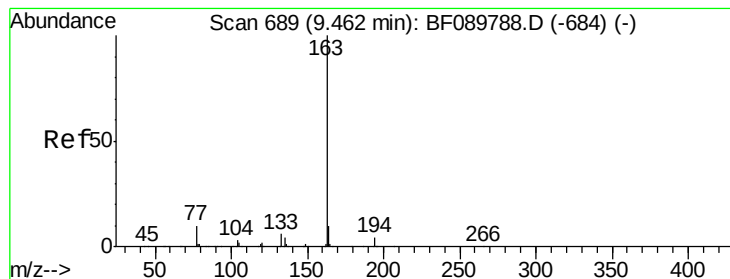
#44
 2-Fluorobiphenyl
 Concen: 70.96 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089917.D
 Acq: 26 Aug 2016 19:40

Tgt Ion:172 Resp: 2493345
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 26.0 20.6 31.0



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: 10.10 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF089917.D

Acq: 26 Aug 2016 19:40

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-6

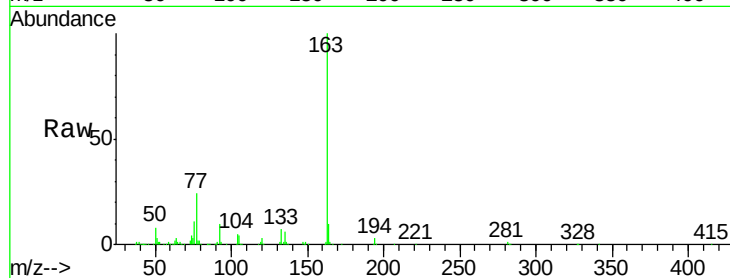
Tot Ion:163 Resp: 438993

Ion Ratio Lower Upper

163 100

194 2.8 2.6 3.8

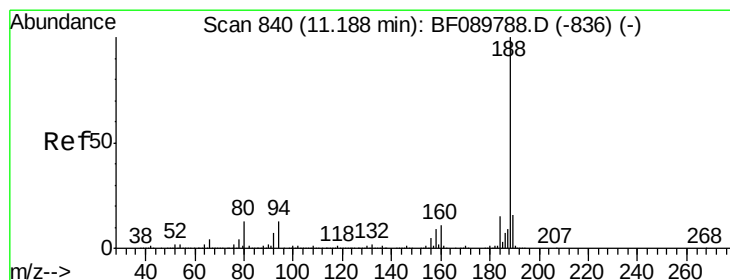
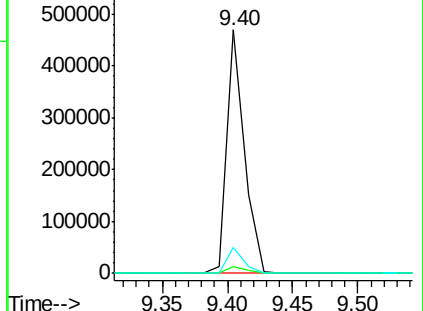
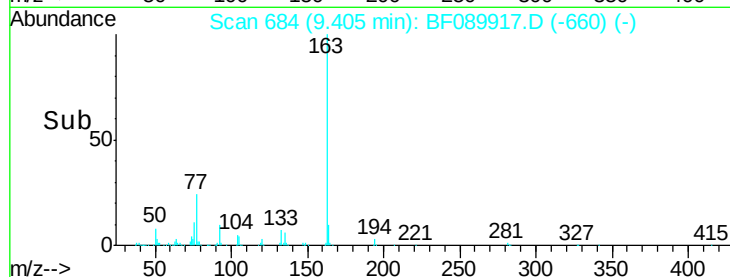
164 10.5 8.6 12.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089917.D

Acq: 26 Aug 2016 19:40

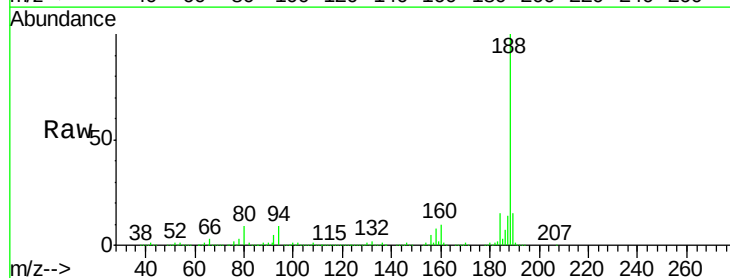
Tgt Ion:188 Resp: 1170718

Ion Ratio Lower Upper

188 100

94 8.7 10.2 15.2#

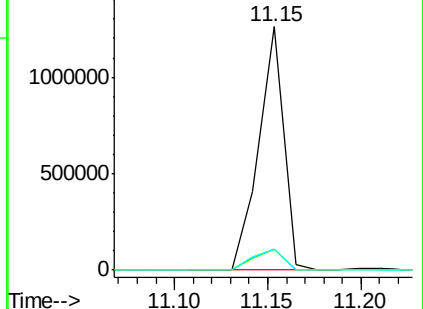
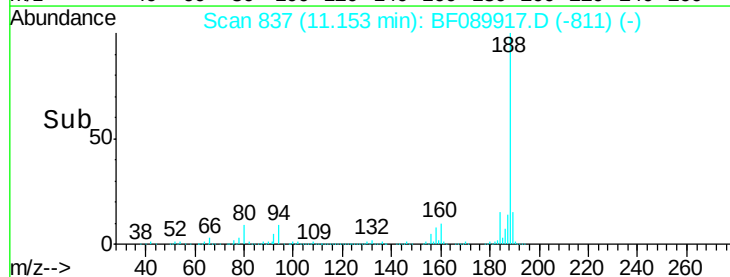
80 8.8 10.9 16.3#

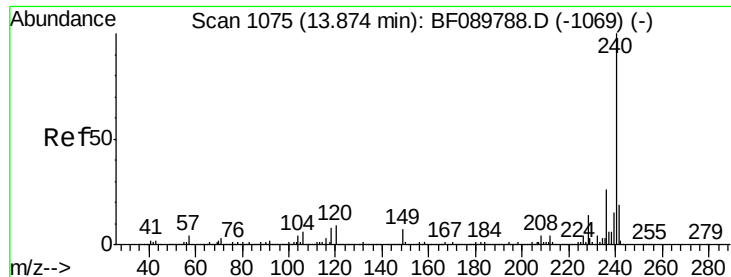


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089917.D

Acq: 26 Aug 2016 19:40

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-6

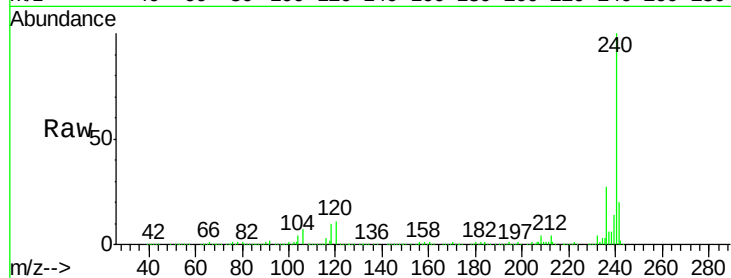
Tot Ion:240 Resp: 963601

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

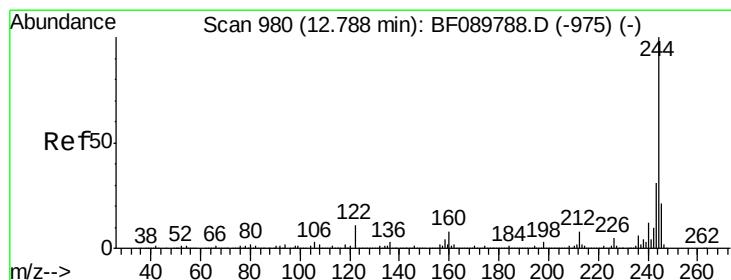
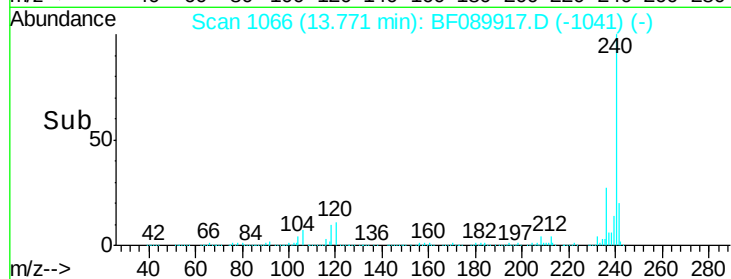
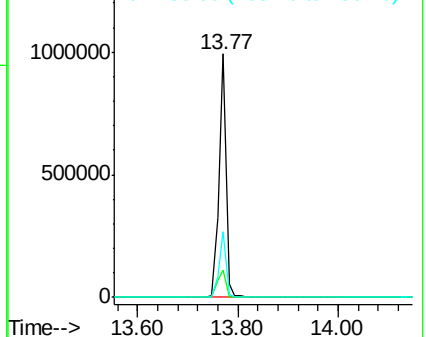
236 26.8 21.3 31.9



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: 50.23 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089917.D

Acq: 26 Aug 2016 19:40

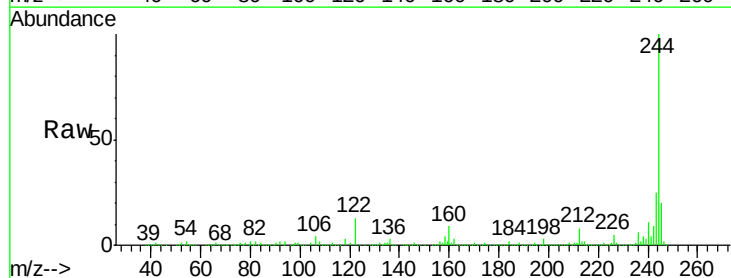
Tgt Ion:244 Resp: 2139476

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

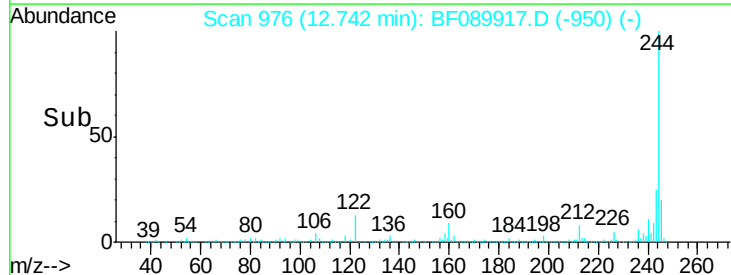
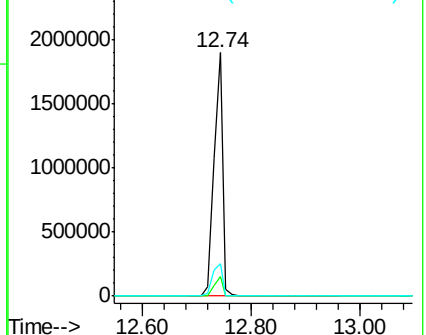
122 13.2 12.0 18.0

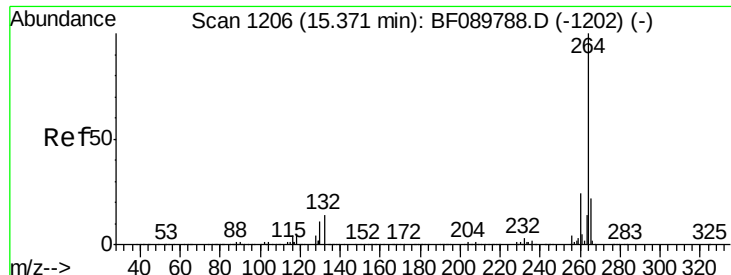


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF089917.D
 Acq: 26 Aug 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-6

Tot Ion:	264	Resp:	768902
Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.2	17.4	26.2

