

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089916.D
 Acq On : 26 Aug 2016 19:12
 Operator : UM/SJ
 Sample : PB93122TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93122TB

Quant Time: Aug 26 23:11:48 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	323011	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1208084	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	602233	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1149467	20.00	ng	0.00
75) Chrysene-d12	13.77	240	901918	20.00	ng	-0.01
86) Perylene-d12	15.12	264	687796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1683404	89.37	ng	0.01
7) Phenol-d6	6.30	99	2506694	108.41	ng	0.00
23) Nitrobenzene-d5	7.21	82	1238435	63.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	601708	105.13	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2559800	74.71	ng	0.00
78) Terphenyl-d14	12.74	244	2090696	52.44	ng	0.00

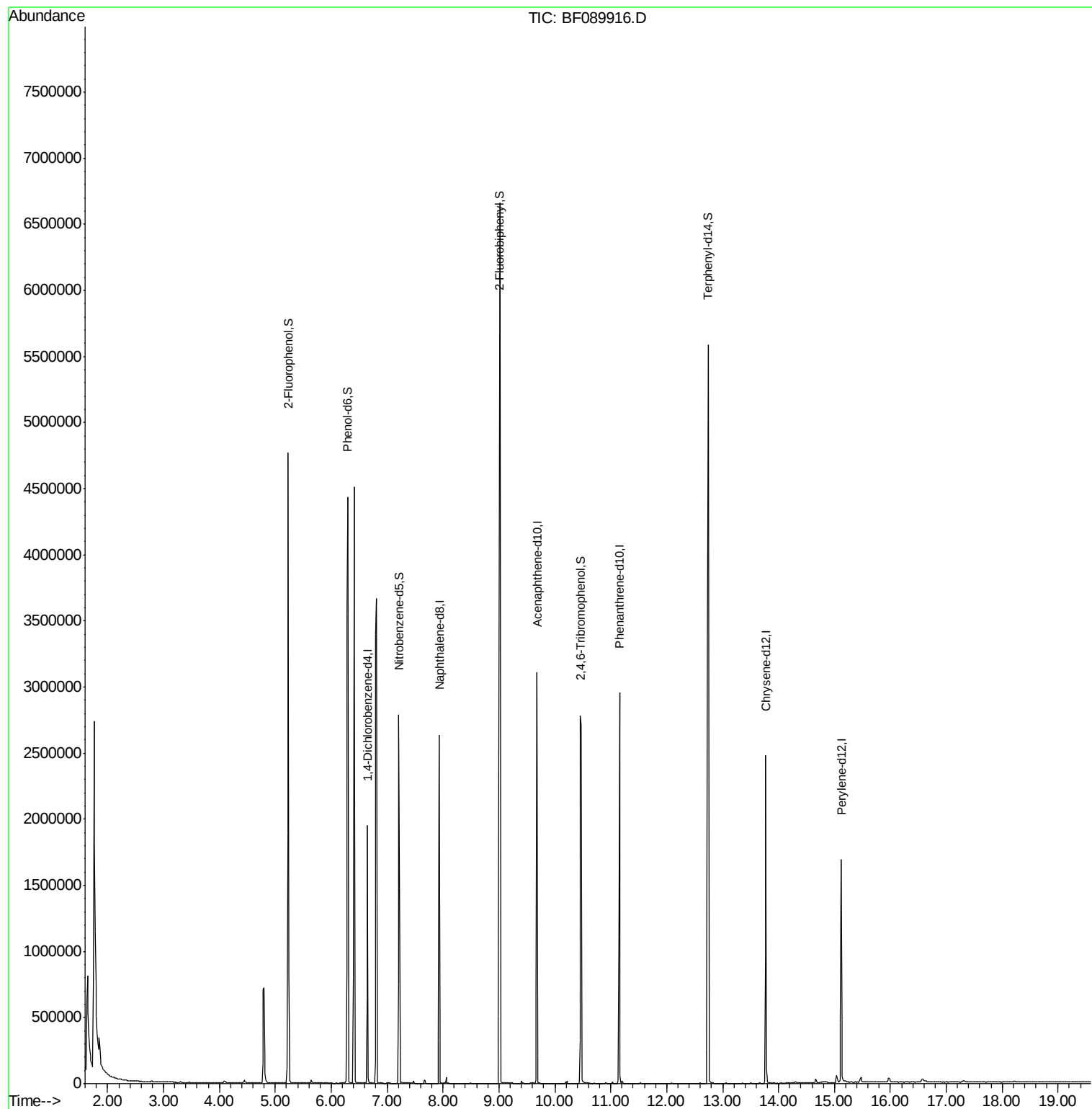
Target Compounds Qvalue

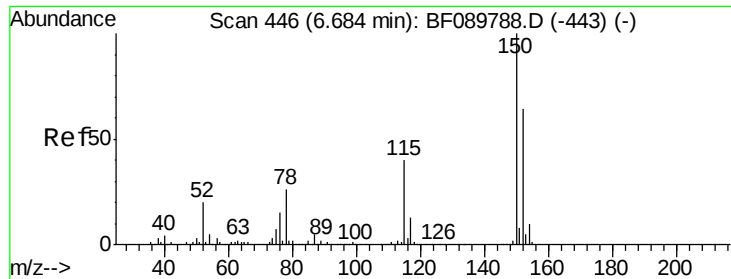
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

PB93122TB

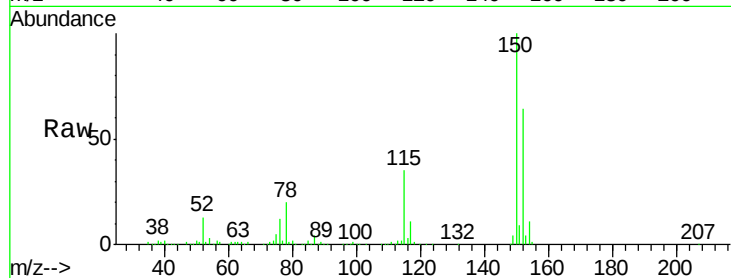
Tot Ion:152 Resp: 323011

Ion Ratio Lower Upper

152 100

150 155.7 125.3 187.9

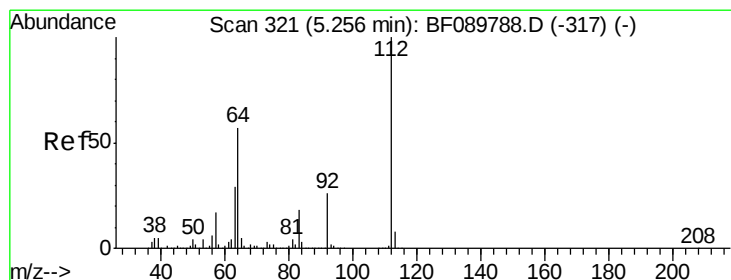
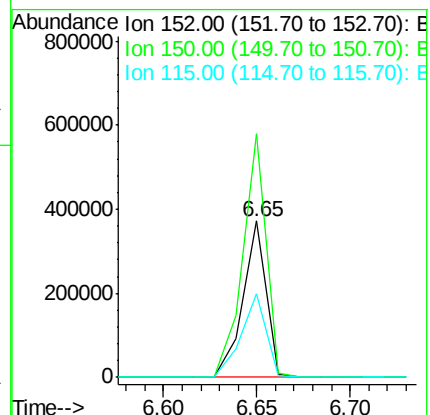
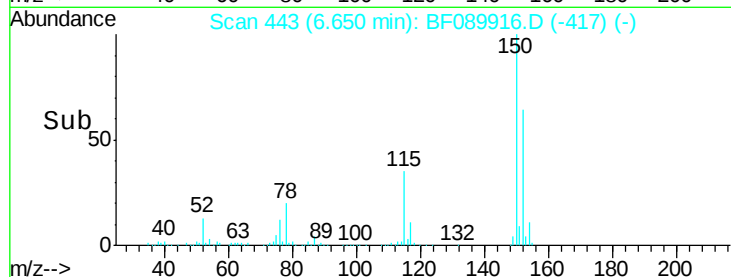
115 53.8 40.9 61.3



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: 89.37 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

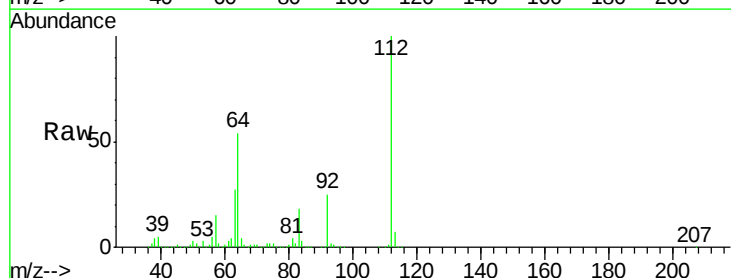
Tgt Ion:112 Resp: 1683404

Ion Ratio Lower Upper

112 100

64 53.8 45.0 67.4

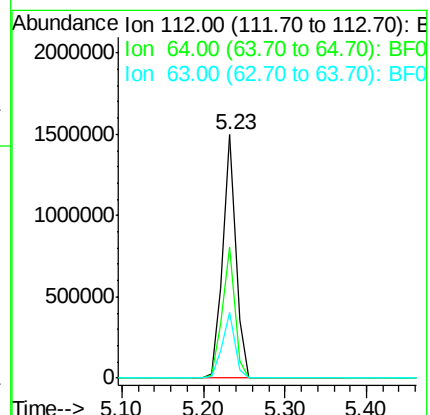
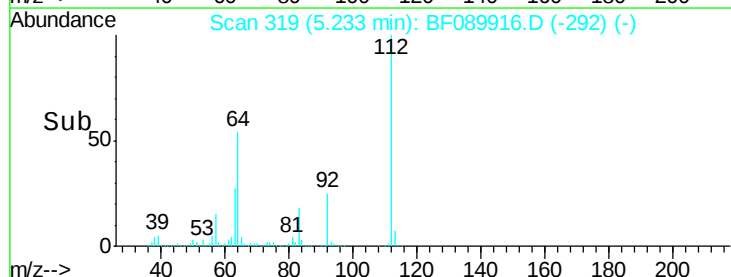
63 27.0 23.1 34.7

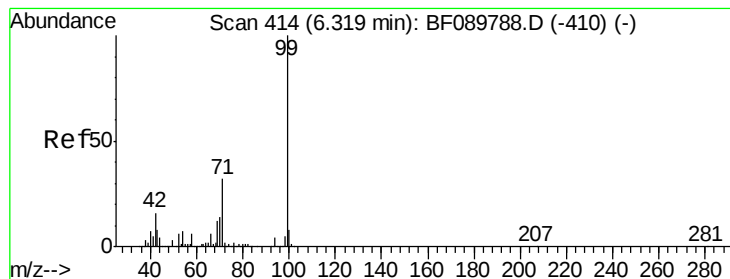


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.41 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

Instrument :

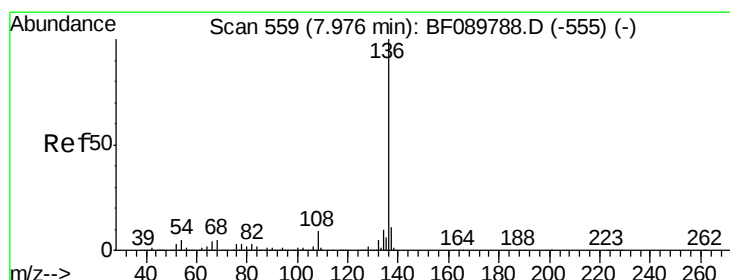
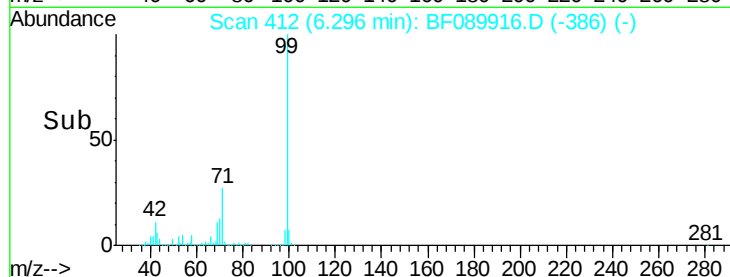
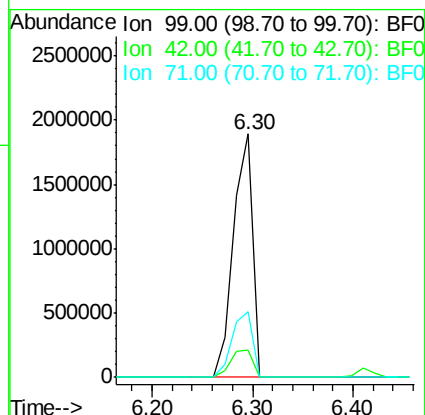
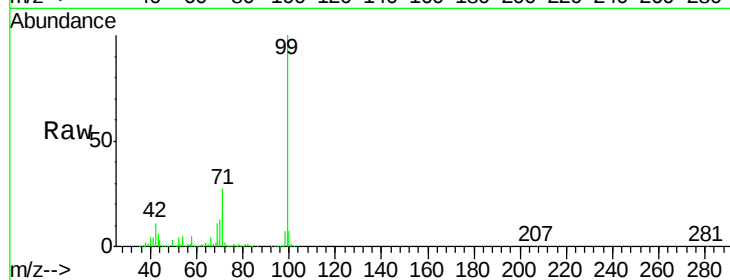
BNA_F

ClientSampleId :

PB93122TB

Tot Ion: 99 Resp: 2506694

Ion	Ratio	Lower	Upper
99	100		
42	11.0	12.2	18.4#
71	27.1	23.8	35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

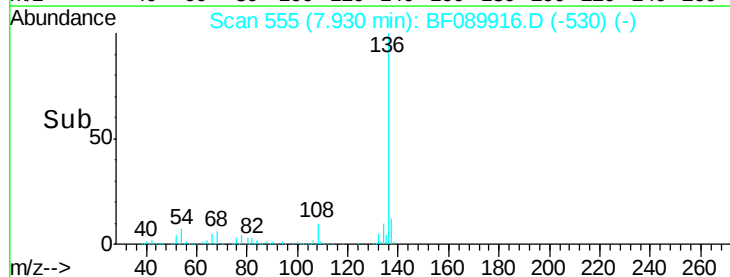
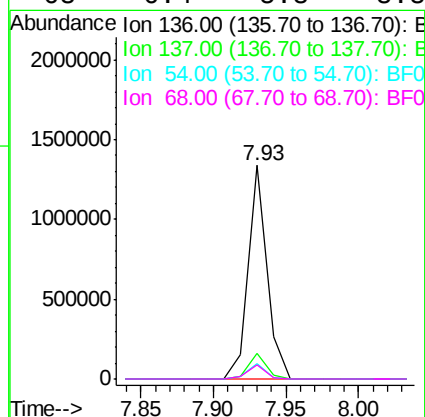
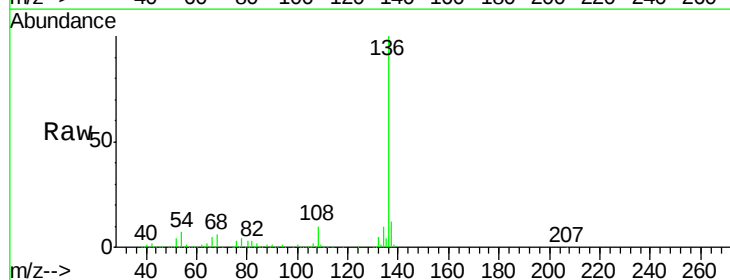
Delta R.T. -0.01 min

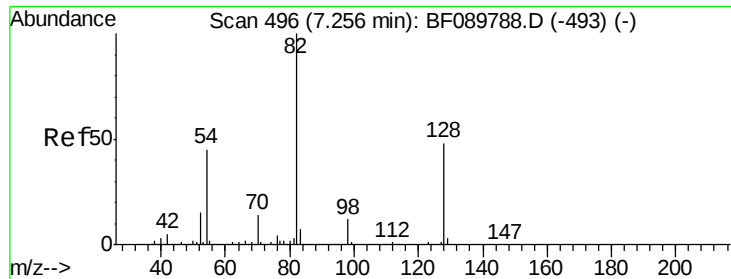
Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

Tgt Ion: 136 Resp: 1208084

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.0	7.2	10.8#
68	6.4	5.8	8.8

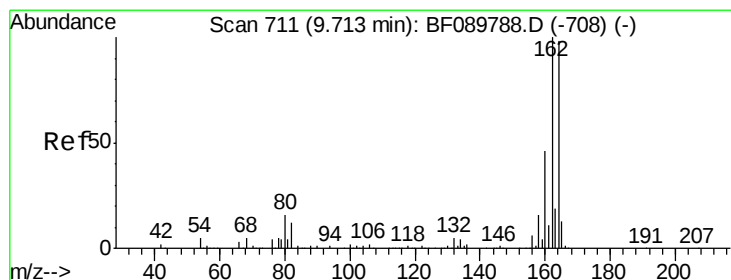
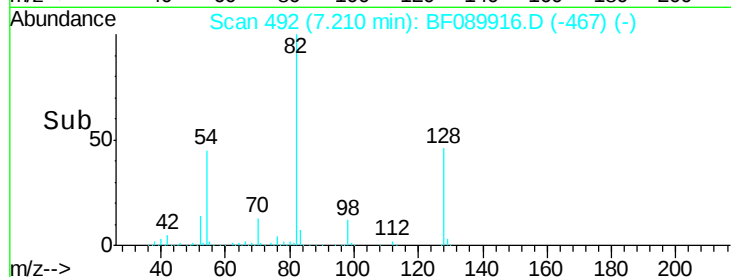
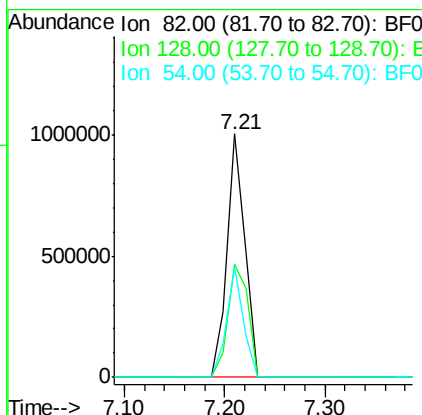
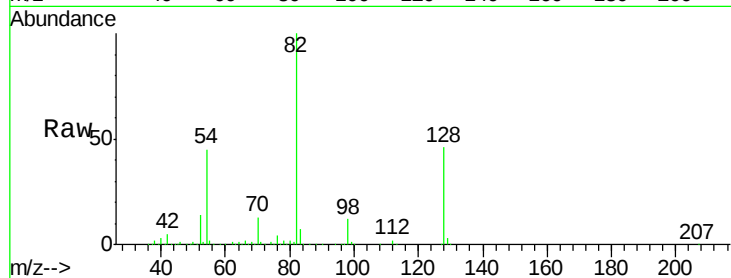




#23
 Nitrobenzene-d5
 Concen: 63.69 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF089916.D
 Acq: 26 Aug 2016 19:12

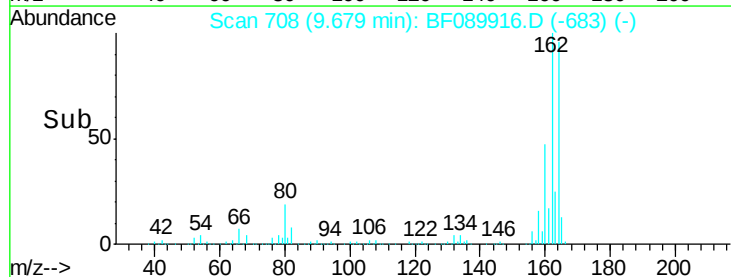
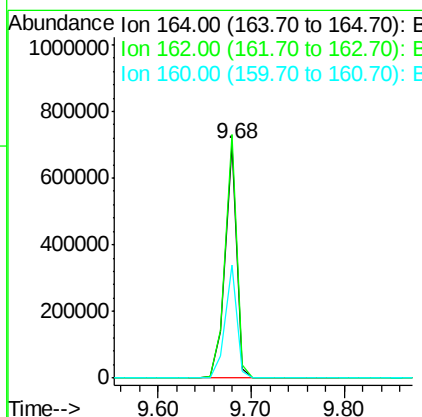
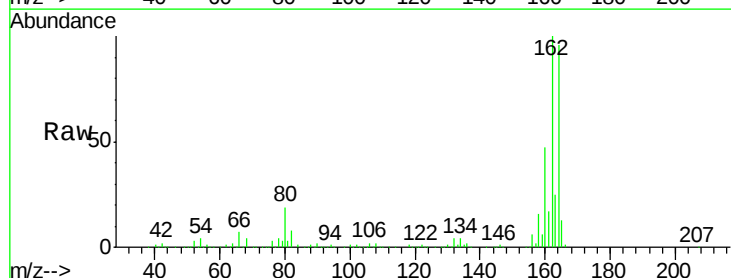
Instrument :
 BNA_F
 ClientSampleId :
 PB93122TB

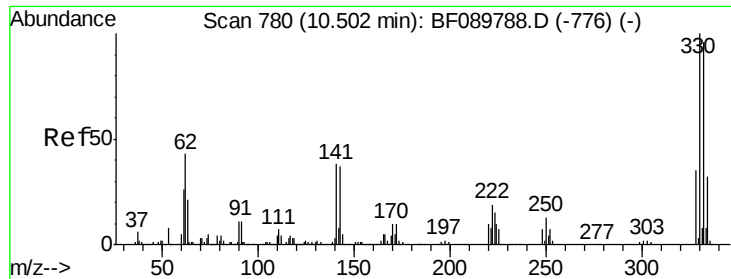
Tot Ion: 82 Resp: 1238435
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.4 51.6
 54 45.2 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089916.D
 Acq: 26 Aug 2016 19:12

Tgt Ion:164 Resp: 602233
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.4 122.2
 160 48.4 37.8 56.6

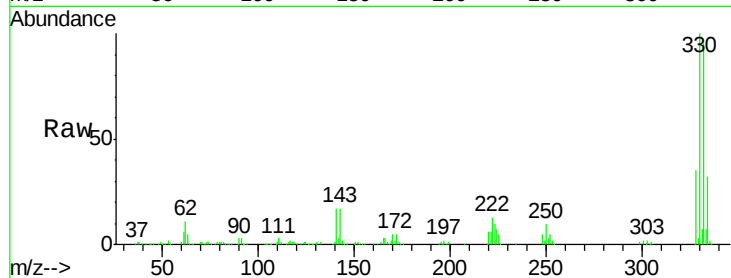




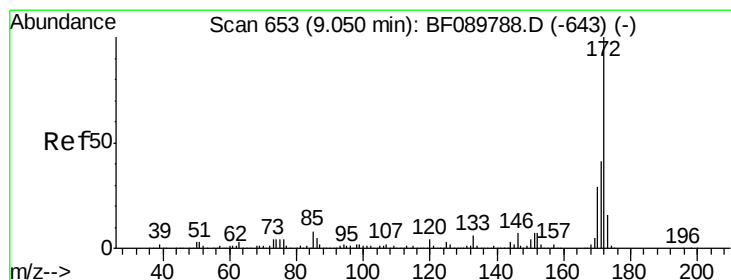
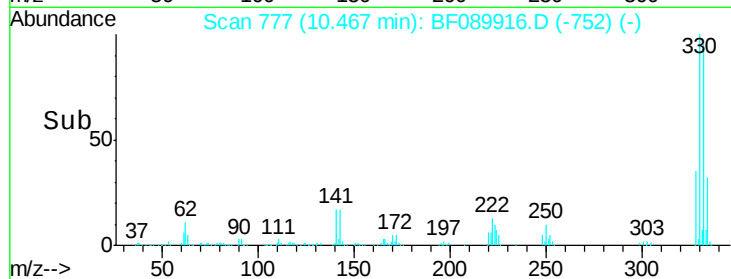
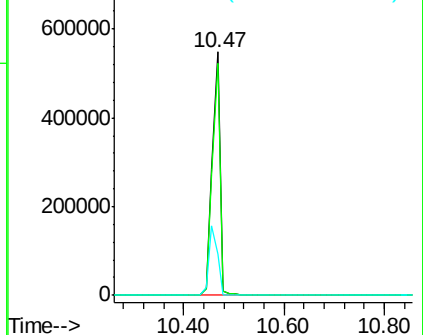
#41
 2,4,6-Tribromophenol
 Concen: 105.13 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089916.D
 Acq: 26 Aug 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB93122TB

Tot Ion:330 Resp: 601708
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.7 115.1
 141 31.2 30.2 45.2

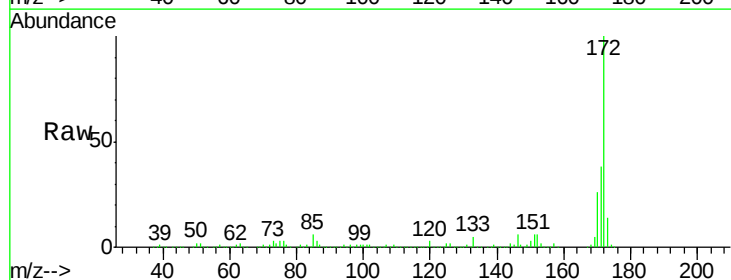


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

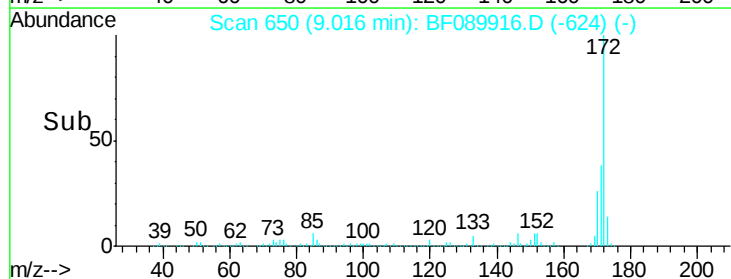
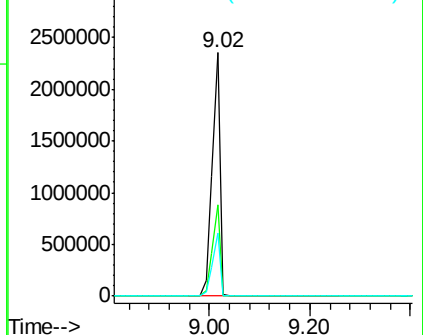


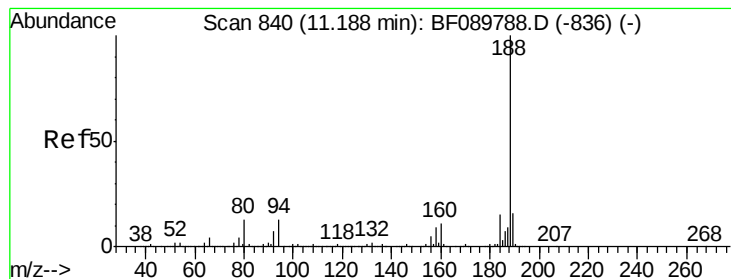
#44
 2-Fluorobiphenyl
 Concen: 74.71 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089916.D
 Acq: 26 Aug 2016 19:12

Tgt Ion:172 Resp: 2559800
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 25.8 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

Instrument :

BNA_F

ClientSampleId :

PB93122TB

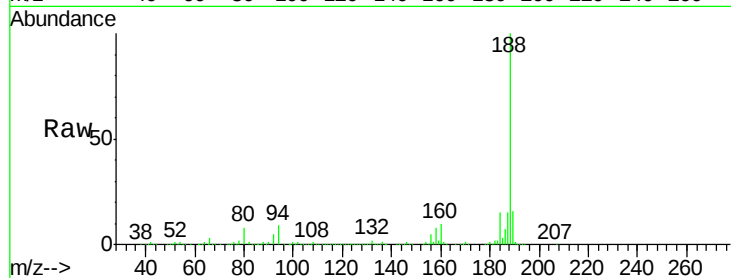
Tot Ion:188 Resp: 1149467

Ion Ratio Lower Upper

188 100

94 8.6 10.2 15.2#

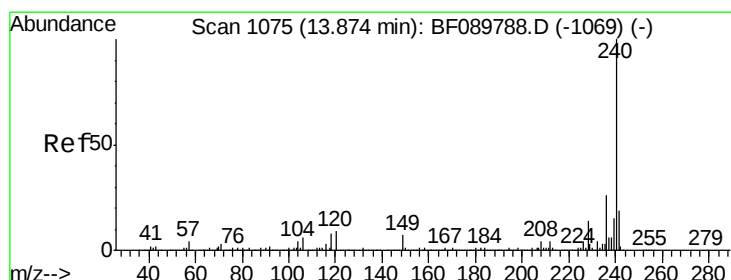
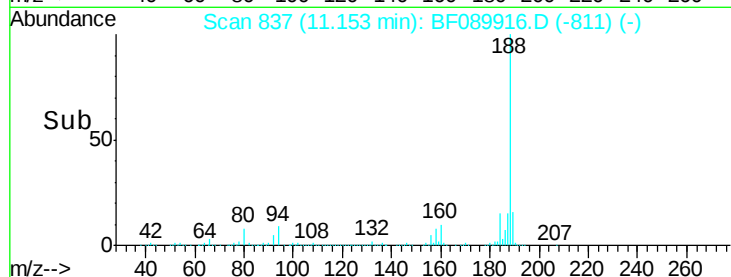
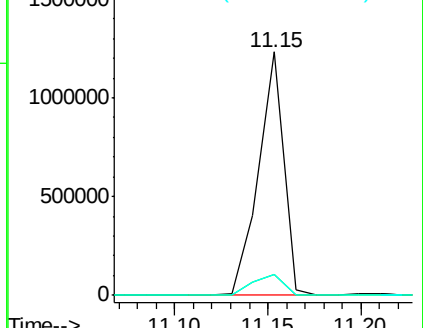
80 8.5 10.9 16.3#



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: BF089916.D

Acq: 26 Aug 2016 19:12

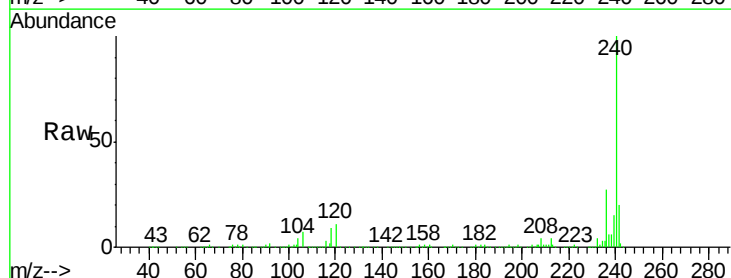
Tgt Ion:240 Resp: 901918

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

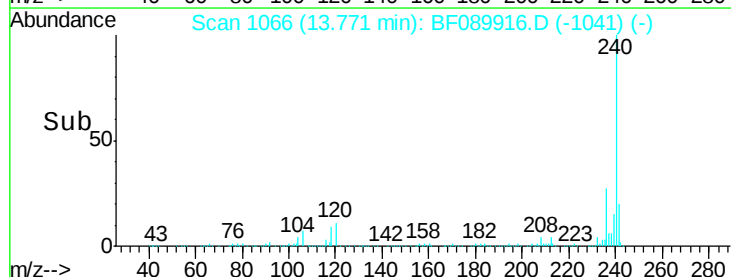
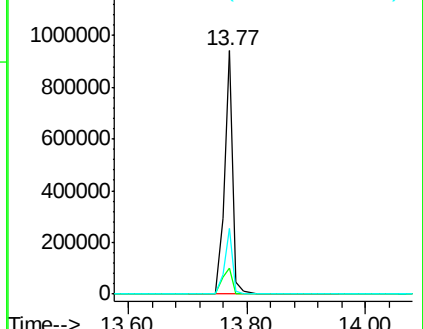
236 26.8 21.3 31.9

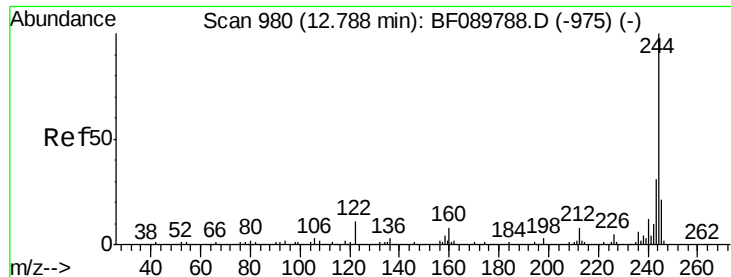


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.44 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

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PB93122TB

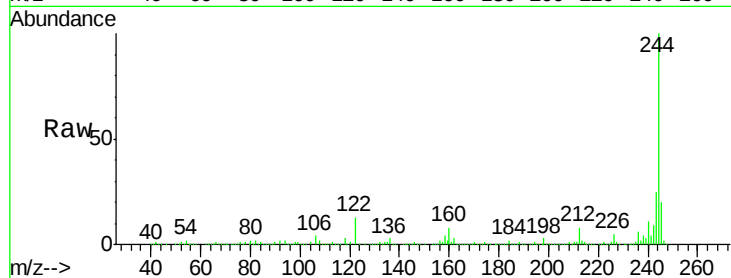
Tot Ion:244 Resp: 2090696

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

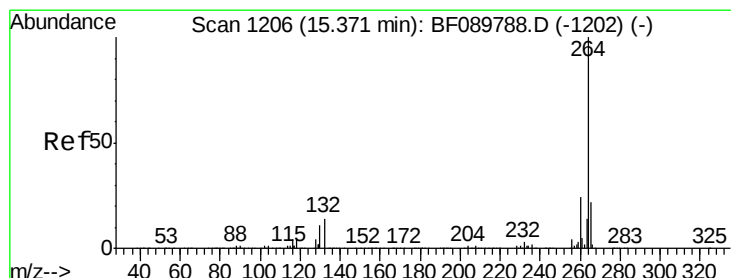
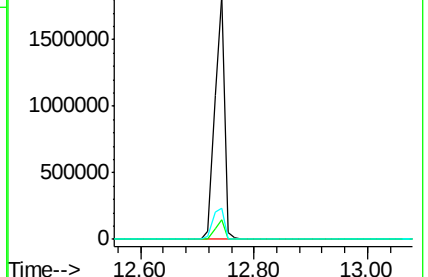
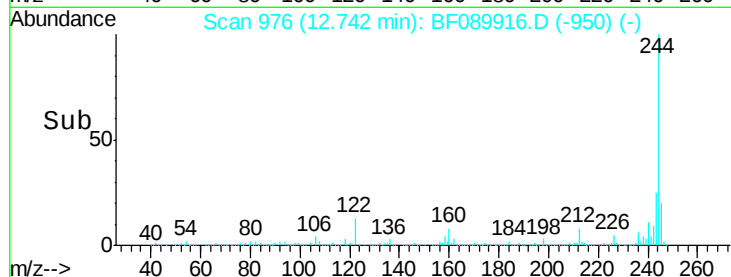
122 12.7 12.0 18.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.12 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF089916.D

Acq: 26 Aug 2016 19:12

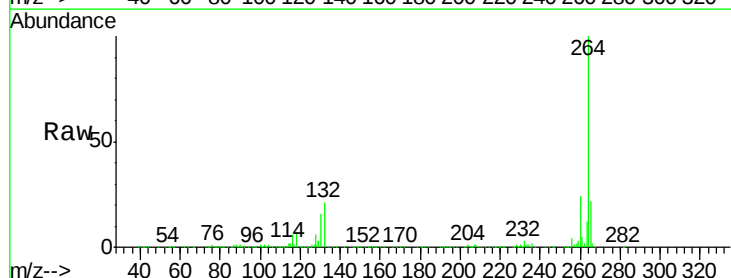
Tgt Ion:264 Resp: 687796

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

265 22.1 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

