

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089914.D
 Acq On : 26 Aug 2016 18:17
 Operator : UM/SJ
 Sample : PB93122BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93122BL

Quant Time: Aug 26 18:54:12 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	292009	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1096223	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	550780	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1064790	20.00	ng	0.00
75) Chrysene-d12	13.77	240	870982	20.00	ng	-0.01
86) Perylene-d12	15.12	264	740580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1745709	102.52	ng	0.01
7) Phenol-d6	6.30	99	2372610	113.51	ng	0.00
23) Nitrobenzene-d5	7.21	82	1188018	67.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	574774	109.81	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2465266	78.67	ng	0.00
78) Terphenyl-d14	12.74	244	2038350	52.94	ng	0.00

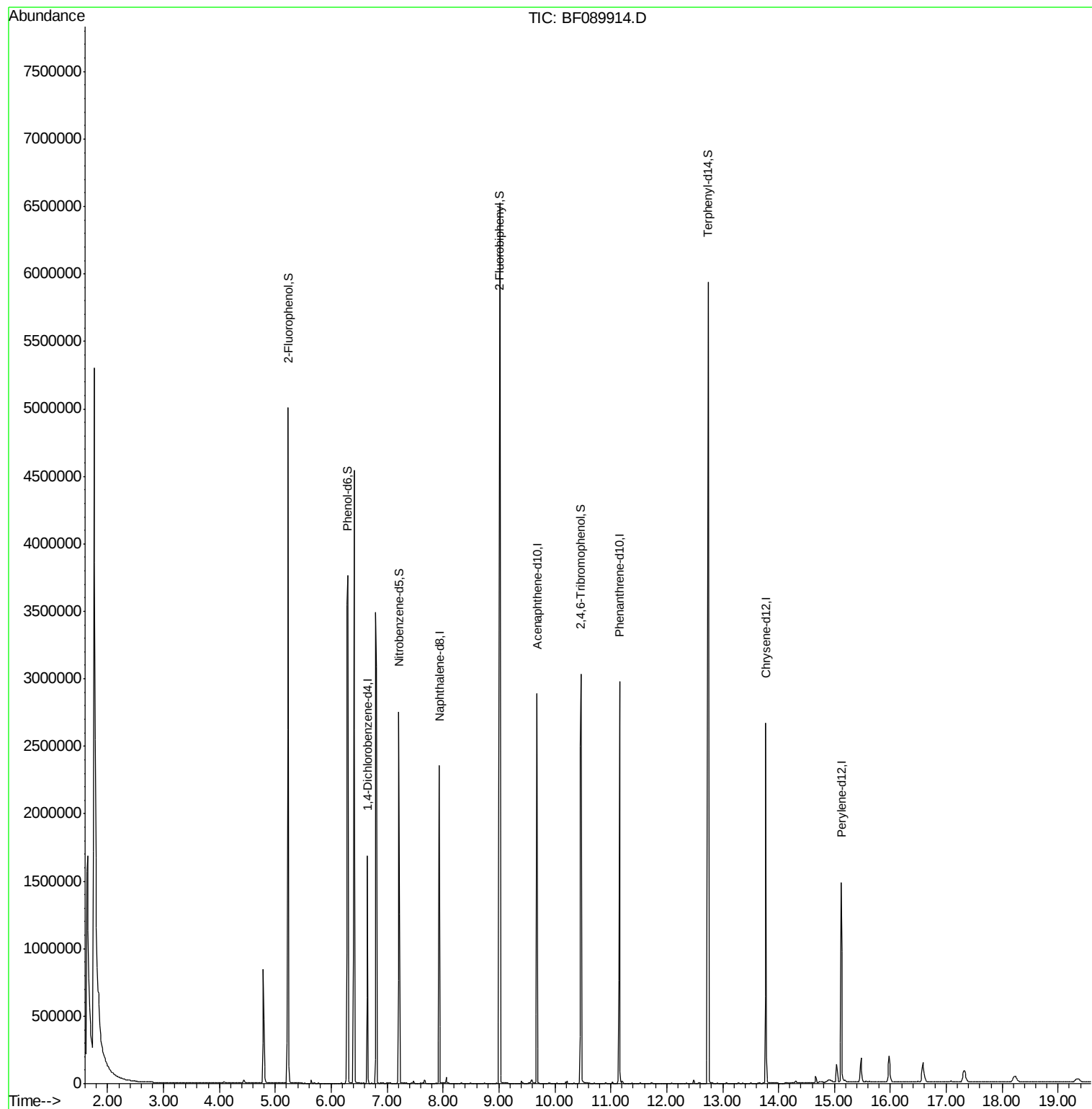
Target Compounds Qvalue

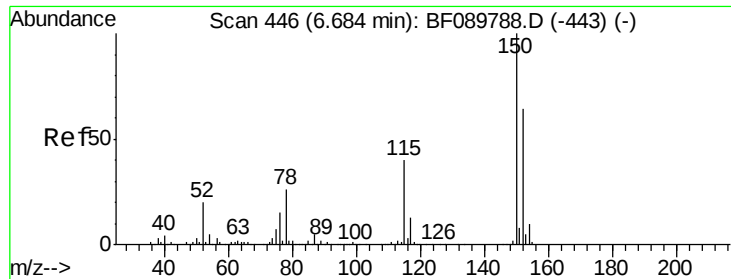
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB93122BL

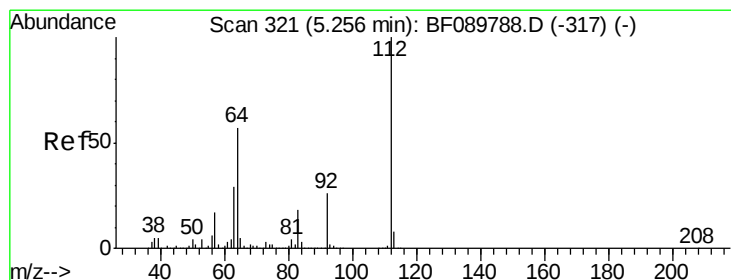
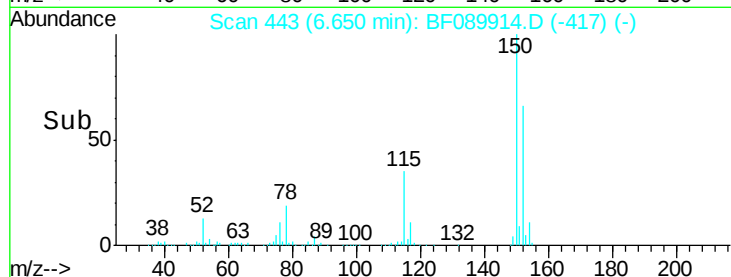
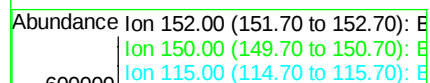
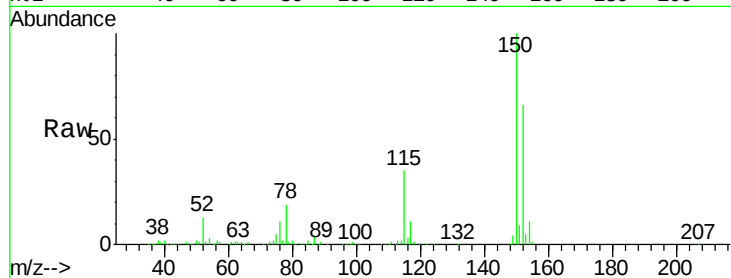
Tot Ion:152 Resp: 292009

Ion Ratio Lower Upper

152 100

150 152.3 125.3 187.9

115 52.8 40.9 61.3



#5

2-Fluorophenol

Concen: 102.52 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

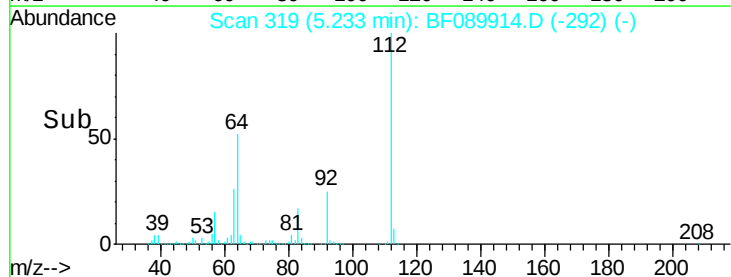
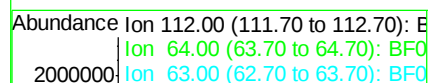
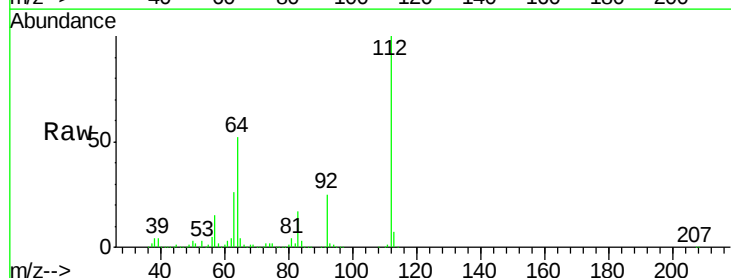
Tgt Ion:112 Resp: 1745709

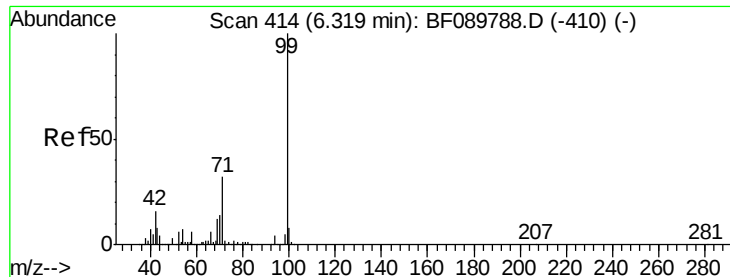
Ion Ratio Lower Upper

112 100

64 51.8 45.0 67.4

63 25.9 23.1 34.7





#7

Phenol-d6

Concen: 113.51 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

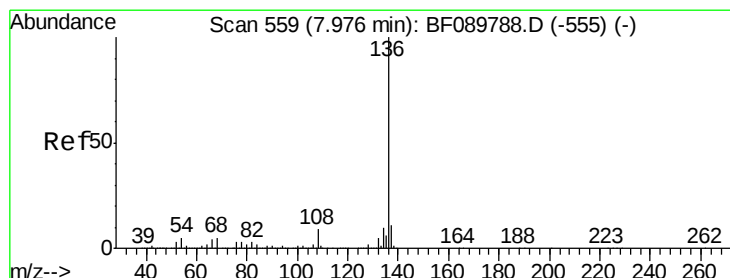
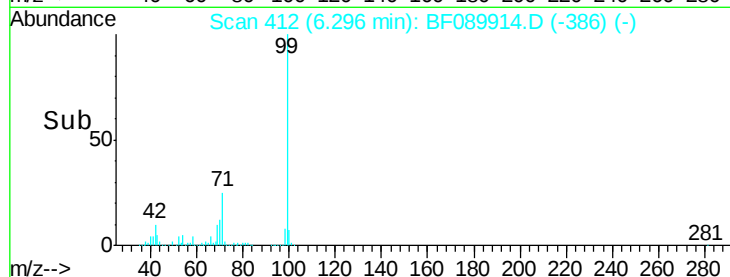
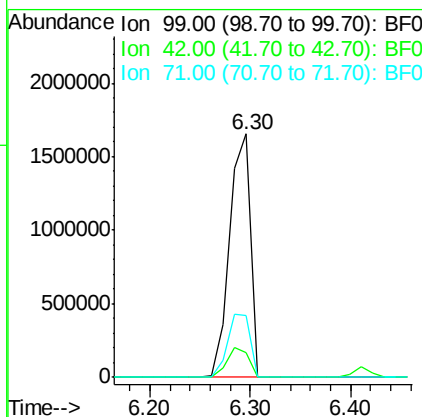
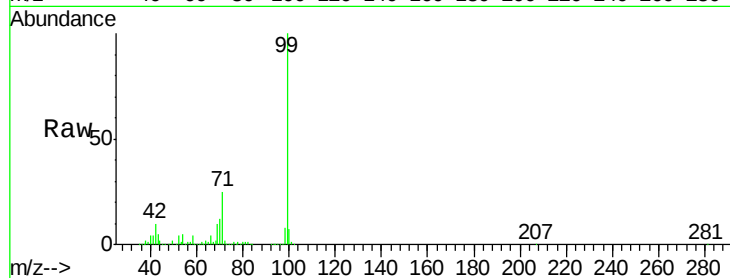
BNA_F

ClientSampleId :

PB93122BL

Tot Ion: 99 Resp: 2372610

Ion	Ratio	Lower	Upper
99	100		
42	10.2	12.2	18.4#
71	25.5	23.8	35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

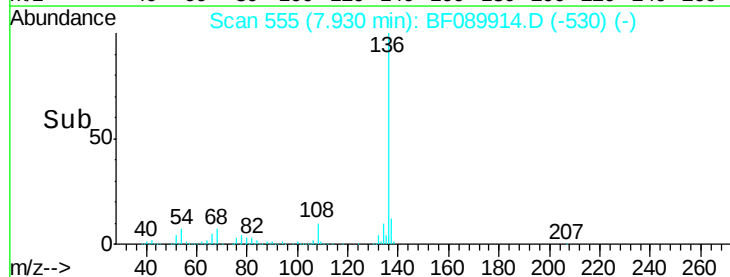
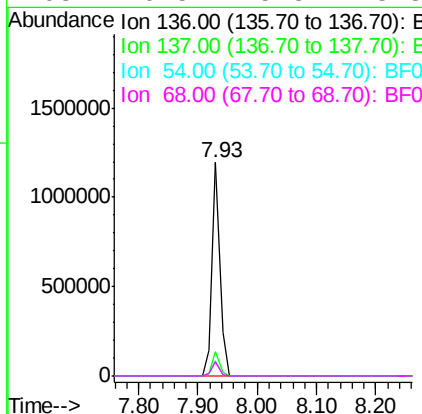
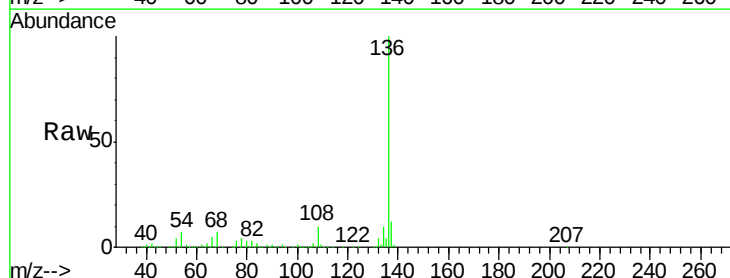
Delta R.T. -0.01 min

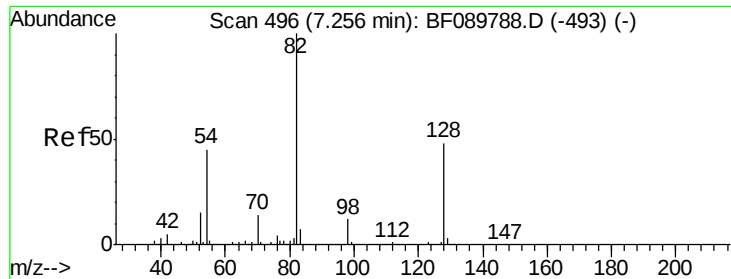
Lab File: BF089914.D

Acq: 26 Aug 2016 18:17

Tgt Ion: 136 Resp: 1096223

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.1	7.2	10.8#
68	6.5	5.8	8.8



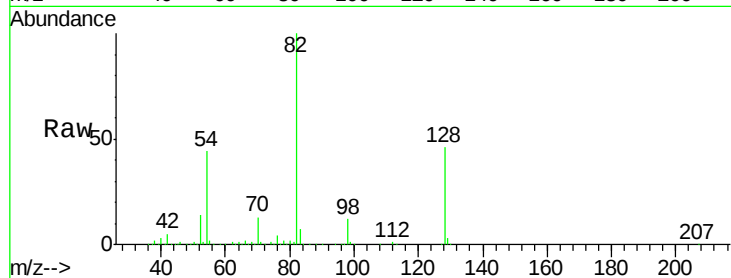


#23
 Nitrobenzene-d5
 Concen: 67.33 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

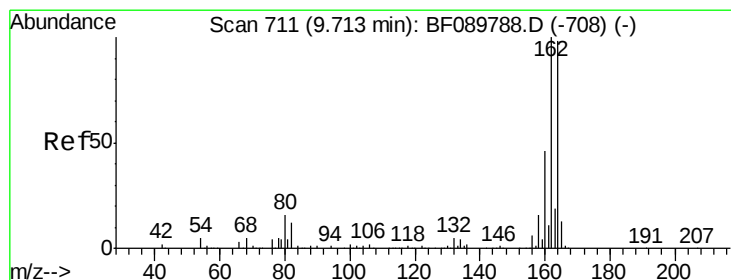
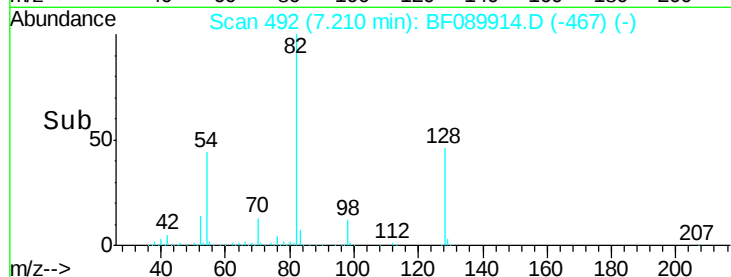
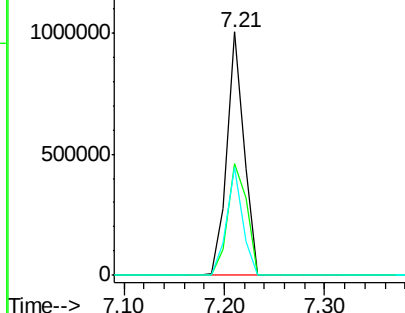
Instrument :
 BNA_F
 ClientSampleId :
 PB93122BL

Tot Ion: 82 Resp: 1188018

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.4	51.6
54	44.3	40.3	60.5



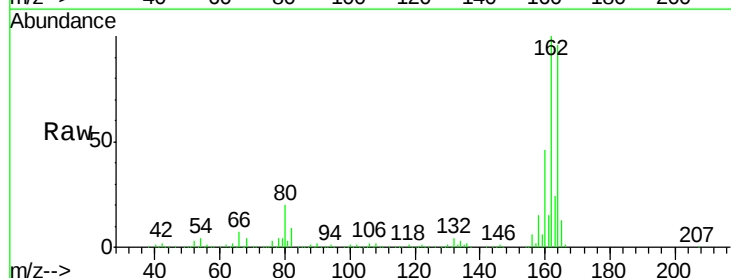
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



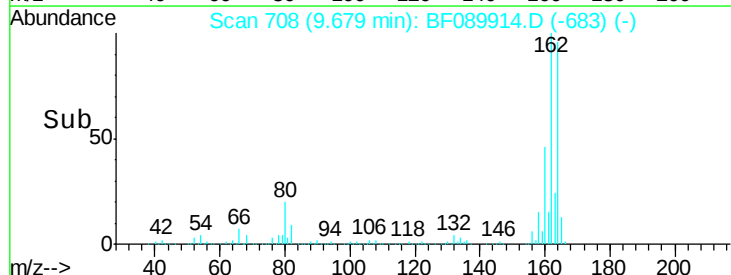
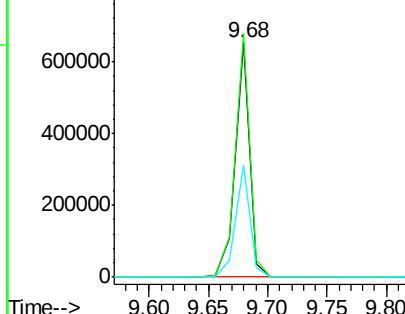
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

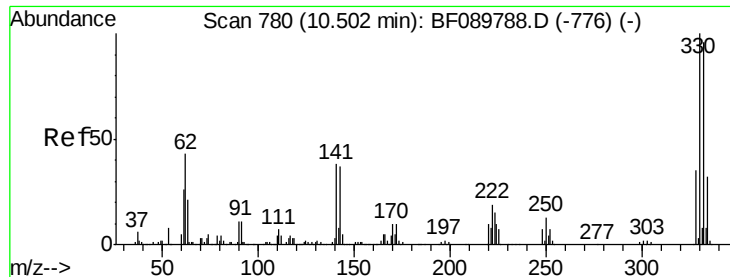
Tgt Ion:164 Resp: 550780

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.4	122.2
160	47.8	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

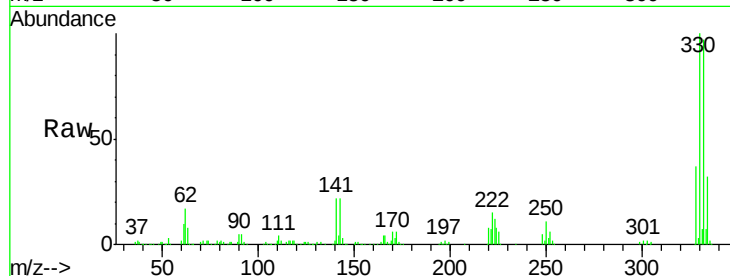




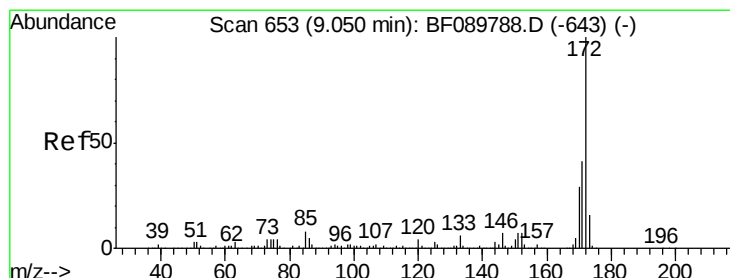
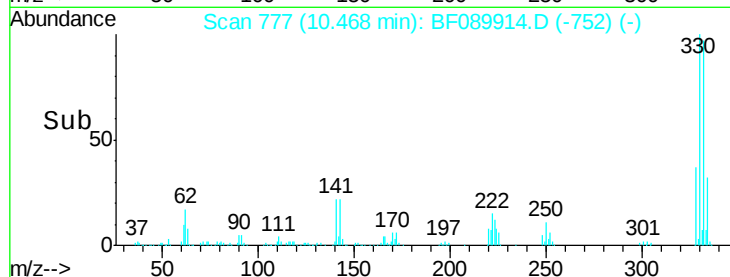
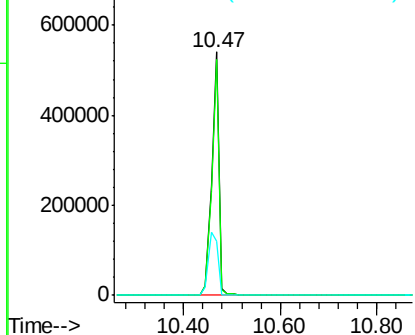
#41
 2,4,6-Tribromophenol
 Concen: 109.81 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB93122BL

Tot Ion:330 Resp: 574774
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 34.4 30.2 45.2

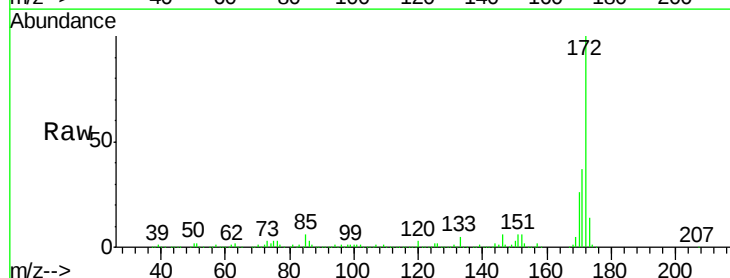


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

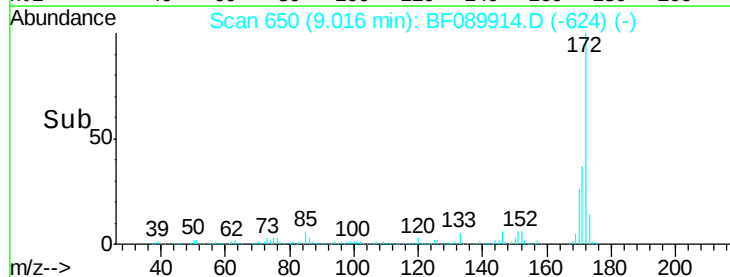
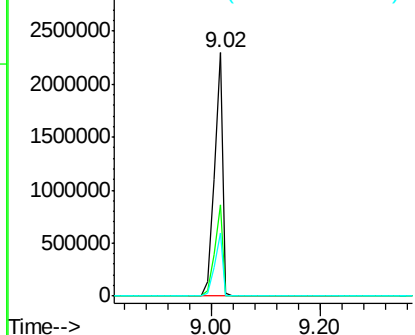


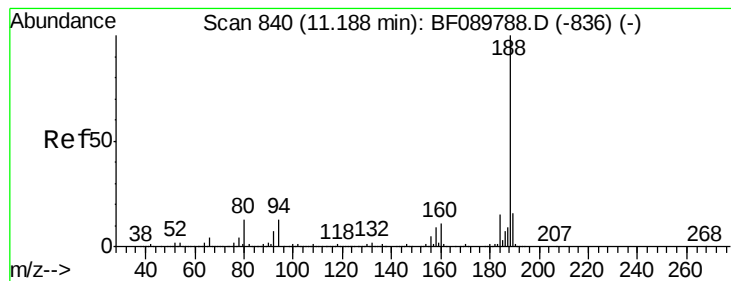
#44
 2-Fluorobiphenyl
 Concen: 78.67 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:172 Resp: 2465266
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.7 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: BF089914.D

Acq: 26 Aug 2016 18:17

Instrument :

BNA_F

ClientSampleId :

PB93122BL

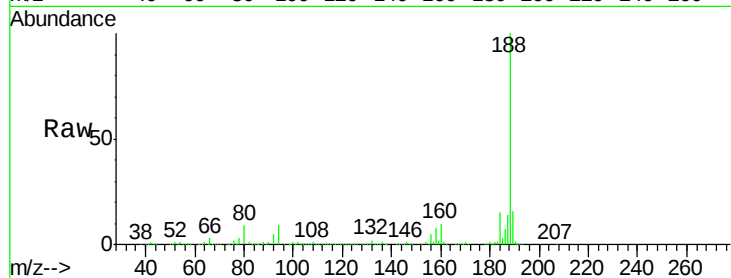
Tot Ion:188 Resp: 1064790

Ion Ratio Lower Upper

188 100

94 9.0 10.2 15.2#

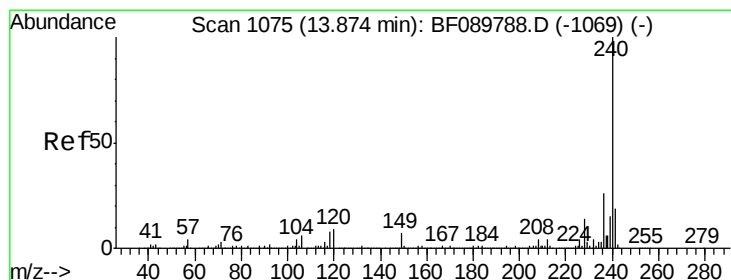
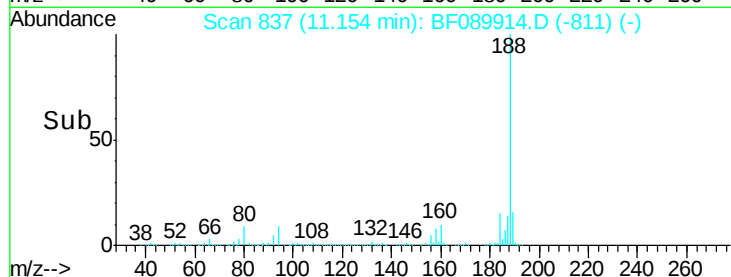
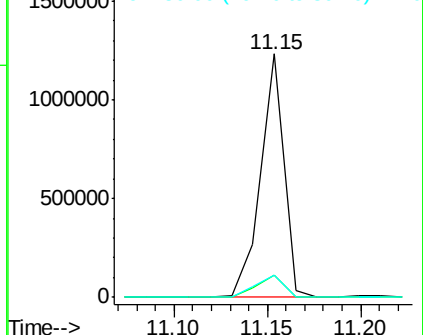
80 9.0 10.9 16.3#



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: BF089914.D

Acq: 26 Aug 2016 18:17

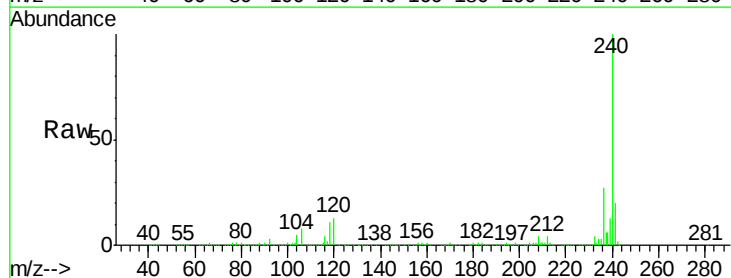
Tgt Ion:240 Resp: 870982

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

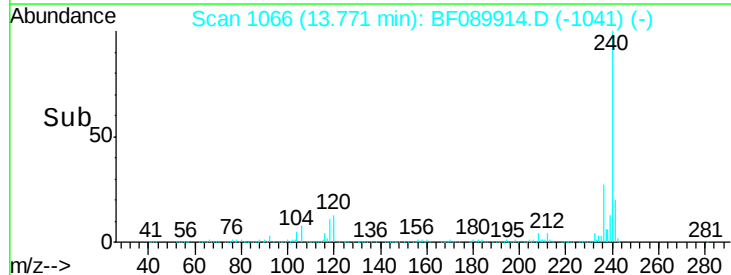
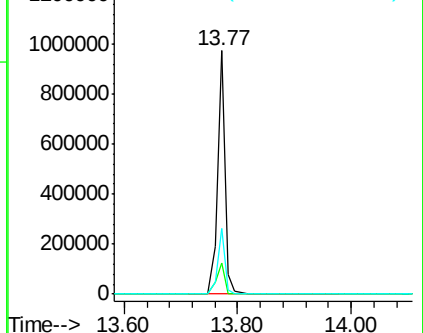
236 27.0 21.3 31.9

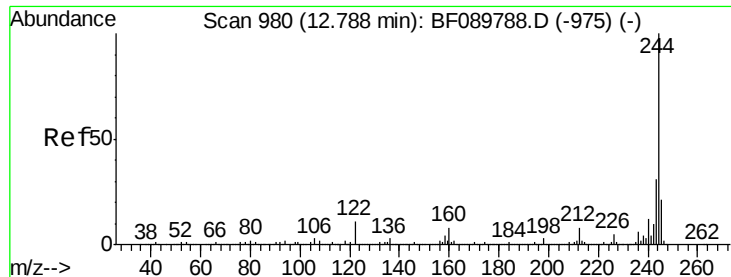


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

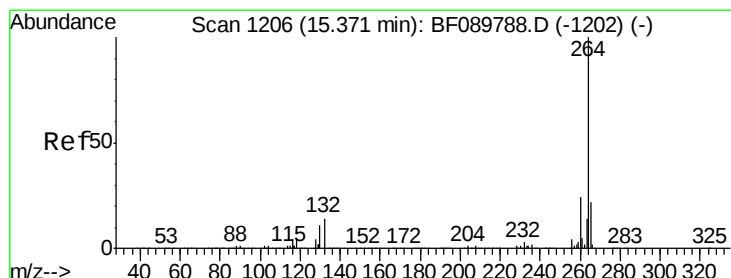
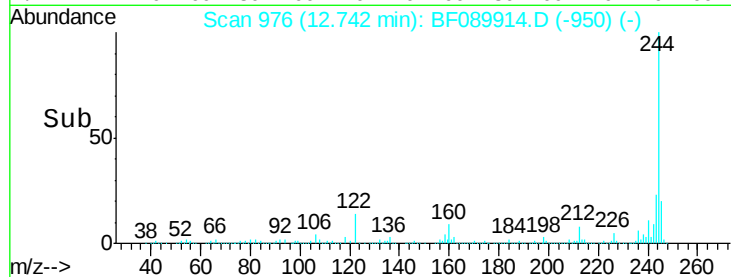
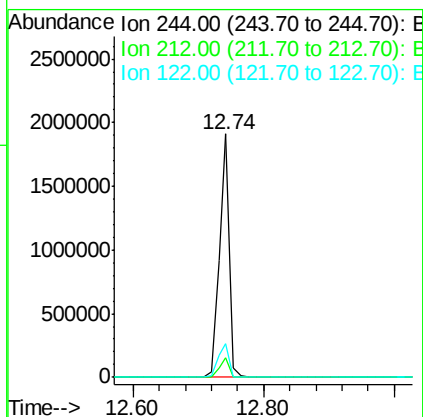
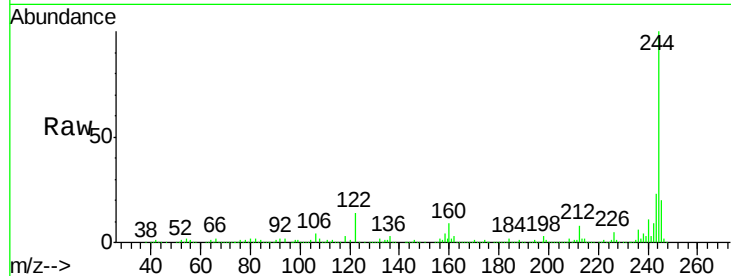




#78
 Terphenyl-d14
 Concen: 52.94 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Instrument :
 BNA_F
 ClientSampleID :
 PB93122BL

Tot Ion:244 Resp: 2038350
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 13.7 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF089914.D
 Acq: 26 Aug 2016 18:17

Tgt Ion:264 Resp: 740580
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.2 30.2
 265 21.9 17.4 26.2

