

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078553.D
 Acq On : 15 Apr 2015 23:45
 Operator : TP/IZ
 Sample : G1855-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB09A(2-2.5)

Quant Time: Apr 16 09:04:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 01:04:57 2015
 Response via : Initial Calibration

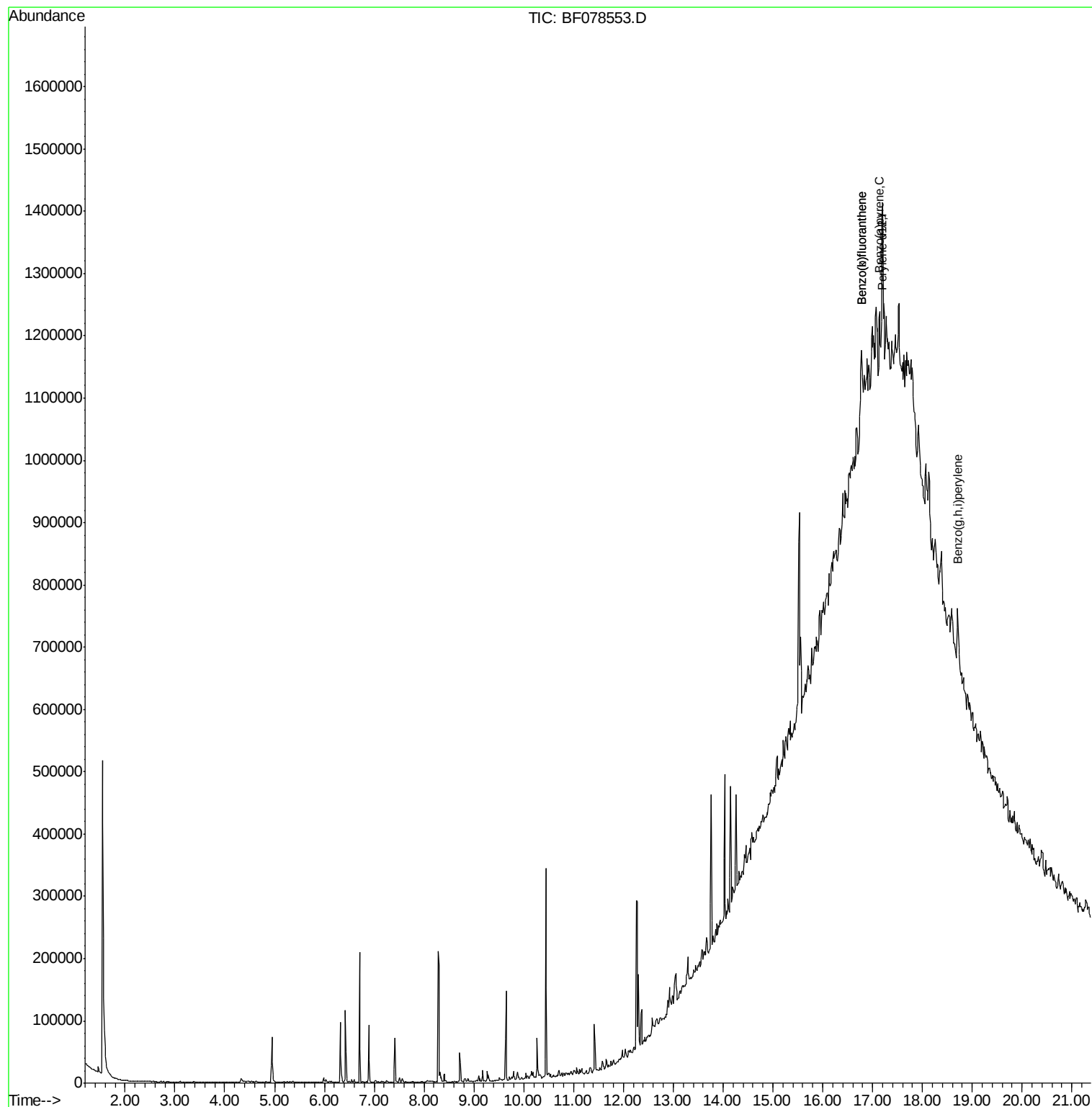
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.81
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.39
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.55
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.37
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.63
86) Perylene-d12	17.20	264	131149	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
87) Benzo(b)fluoranthene	16.78	252	101870	12.57	ng	# 79
88) Benzo(k)fluoranthene	16.78	252	103389	14.35	ng	# 83
89) Benzo(a)pyrene	17.13	252	44784	6.33	ng	# 69
91) Benzo(g,h,i)perylene	18.71	276	45985	6.48	ng	# 92

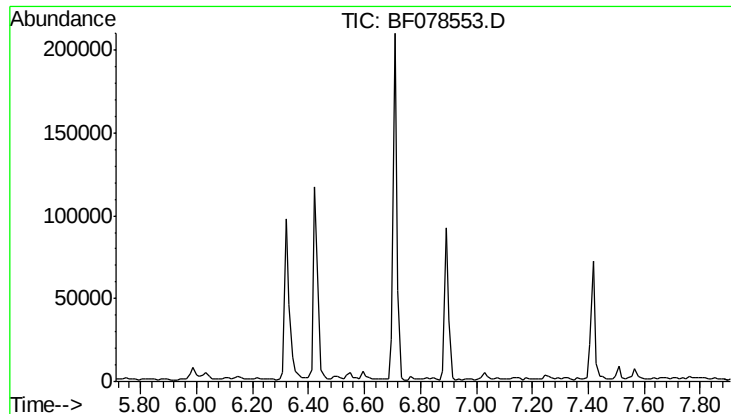
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.81 min

Lab File: BF078553.D

Acq: 15 Apr 2015 23:45

Instrument :

BNA_F

ClientSampleId :

LS-SB09A(2-2.5)

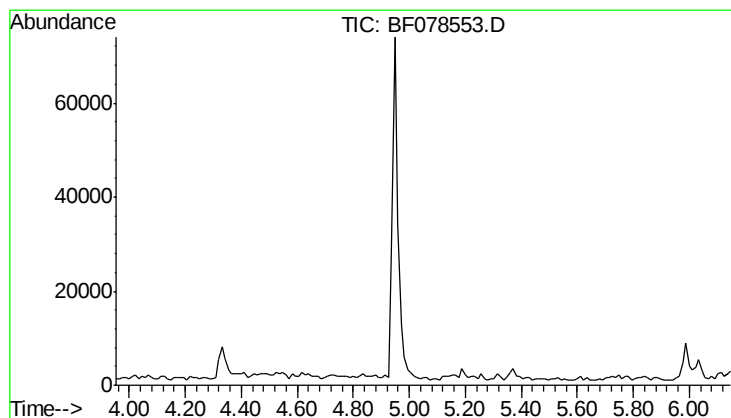
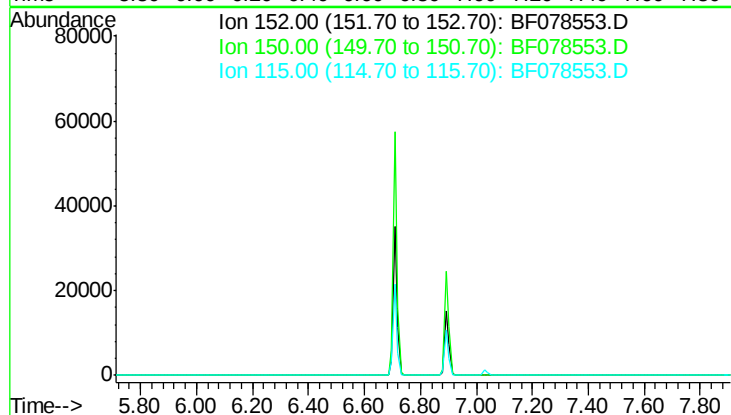
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.4

115 65.9



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.05 min

Lab File: BF078553.D

Acq: 15 Apr 2015 23:45

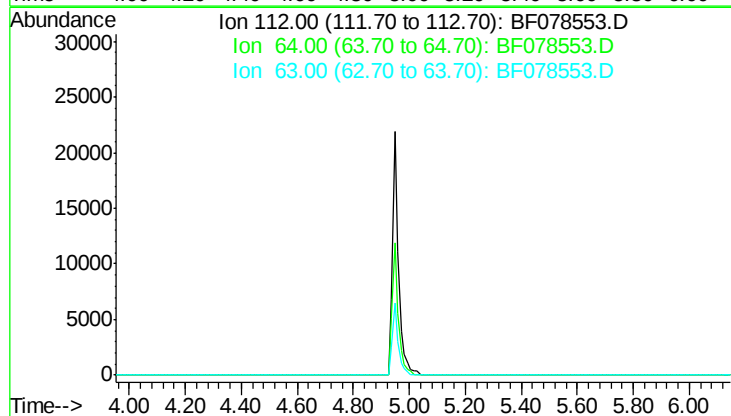
Tgt Ion: 112

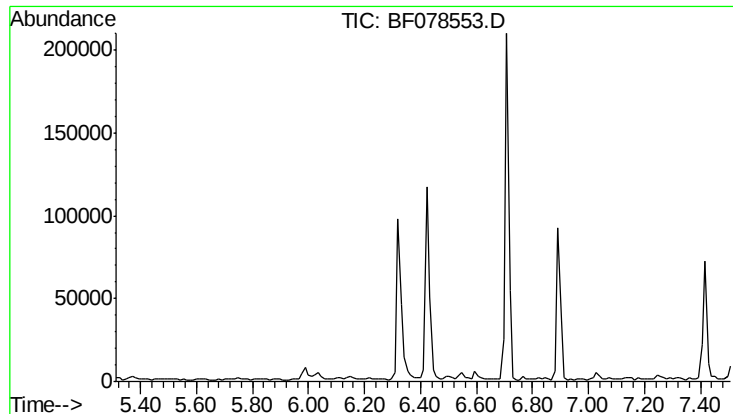
Sig Exp Ratio

112 100

64 49.9

63 25.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.41 min

Lab File: BF078553.D

Acq: 15 Apr 2015 23:45

Instrument :

BNA_F

ClientSampleId :

LS-SB09A(2-2.5)

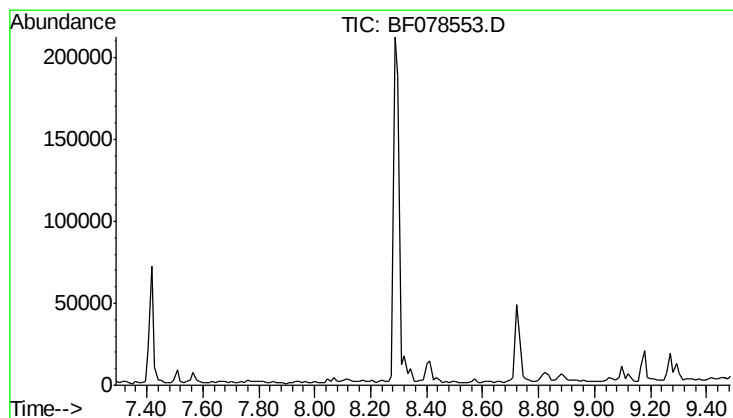
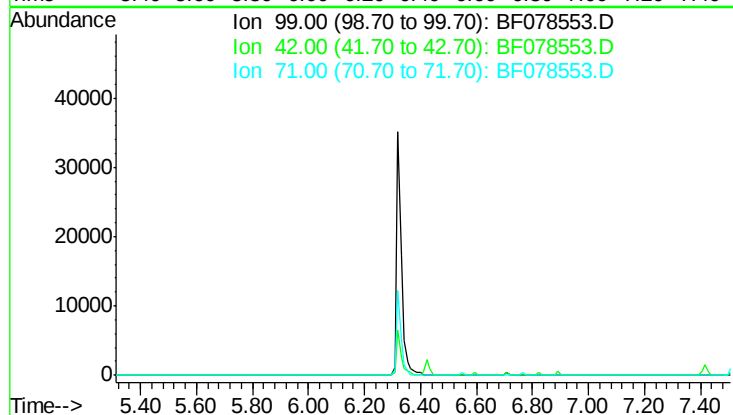
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.5

71 33.2



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.39 min

Lab File: BF078553.D

Acq: 15 Apr 2015 23:45

Tgt Ion: 136

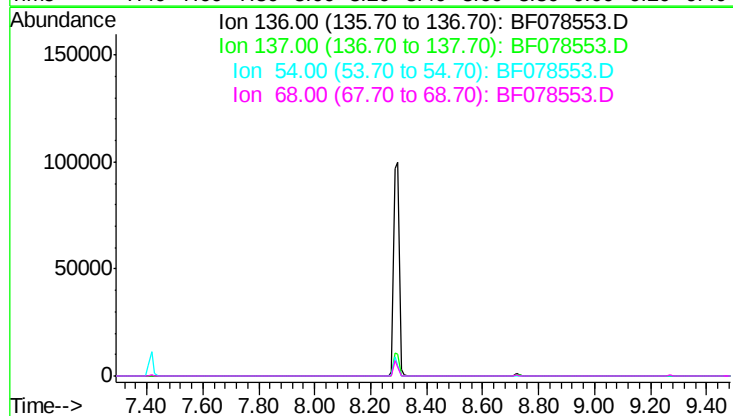
Sig Exp Ratio

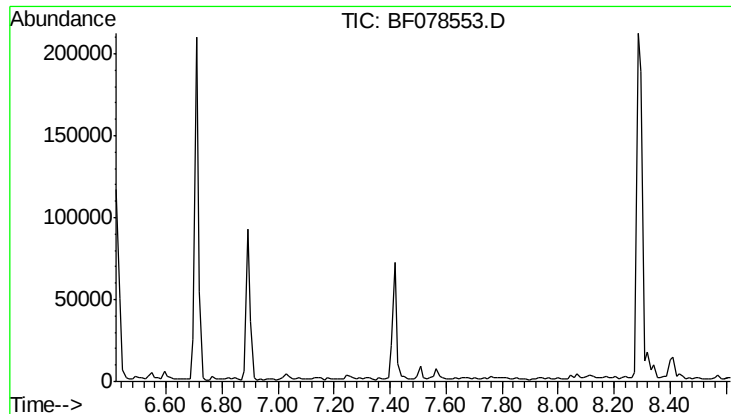
136 100

137 11.2

54 8.8

68 6.8

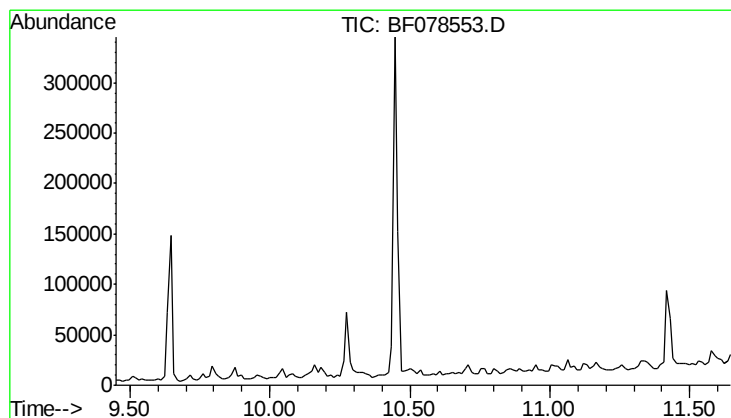
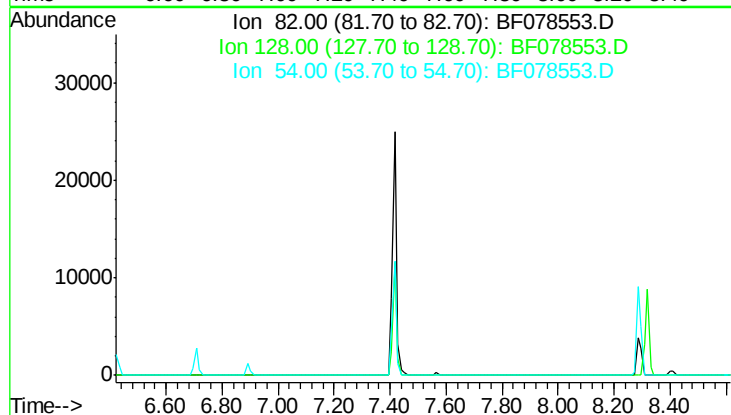




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.52 min
 Lab File: BF078553.D
 Acq: 15 Apr 2015 23:45

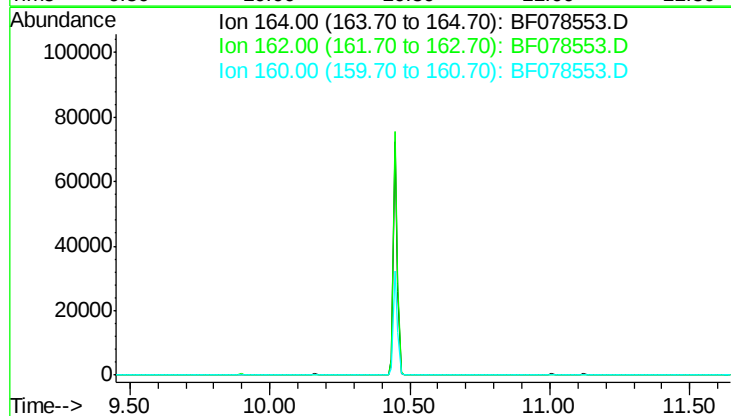
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB09A(2-2.5)

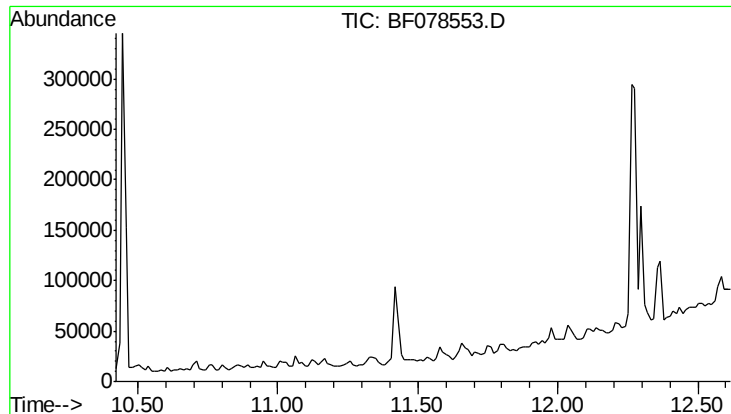
Tgt Ion	Exp Ratio
82	100
128	39.8
54	51.9



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.55 min
 Lab File: BF078553.D
 Acq: 15 Apr 2015 23:45

Tgt Ion	Exp Ratio
164	100
162	102.7
160	43.4

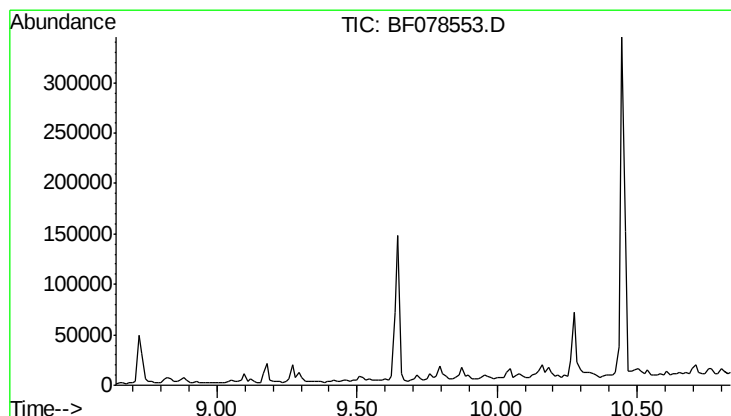
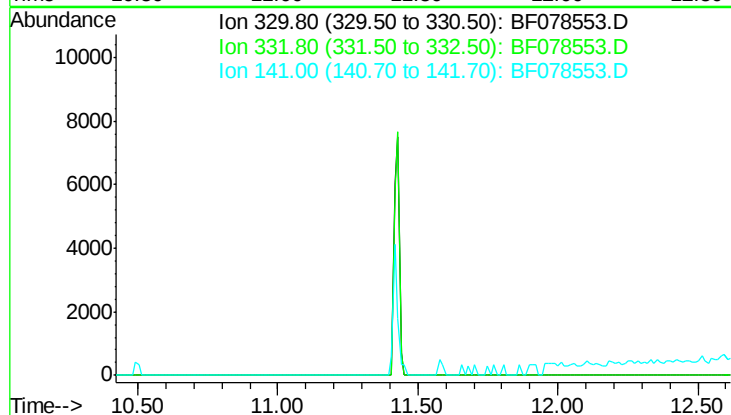




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.52 min
 Lab File: BF078553.D
 Acq: 15 Apr 2015 23:45

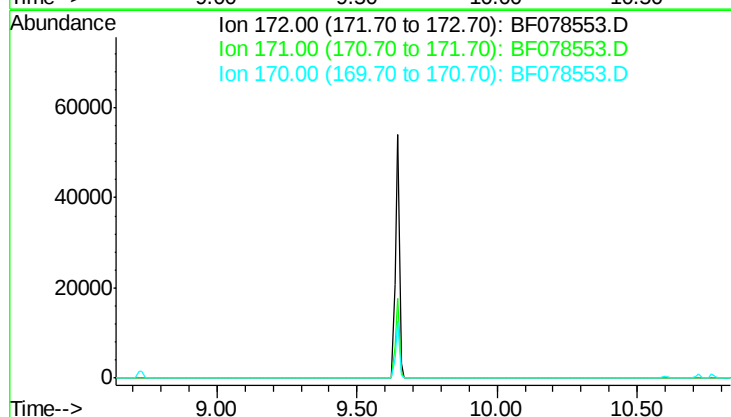
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB09A(2-2.5)

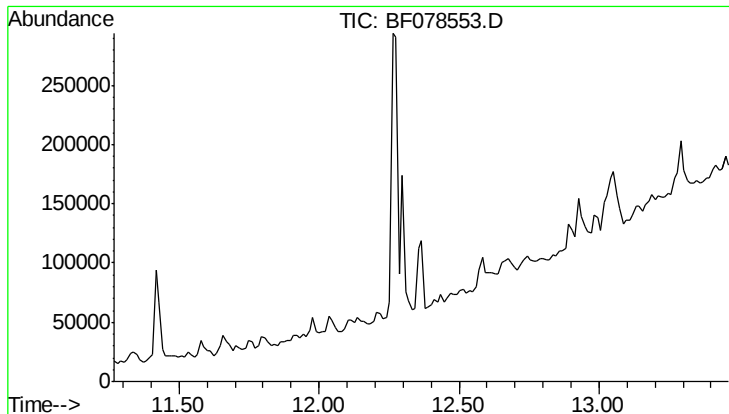
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 39.0



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.74 min
 Lab File: BF078553.D
 Acq: 15 Apr 2015 23:45

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.7
 170 23.1

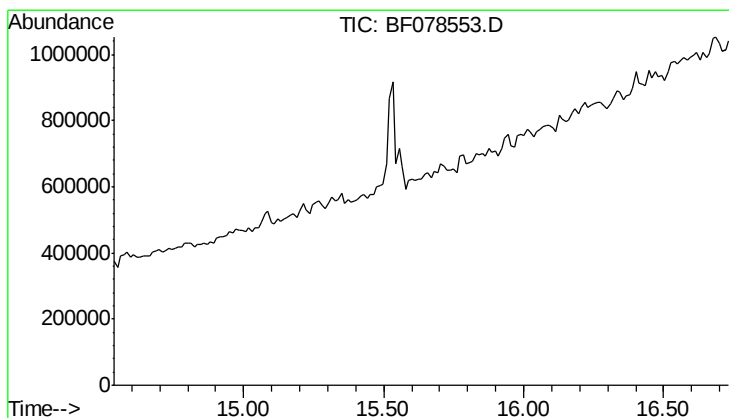
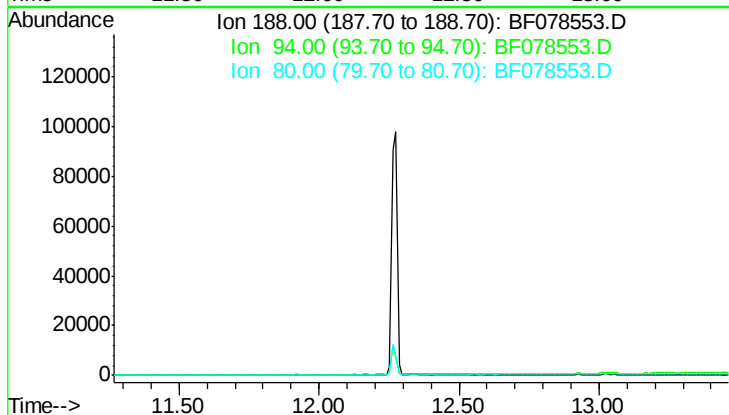




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.37 min
 Lab File: BF078553.D
 Acq: 15 Apr 2015 23:45

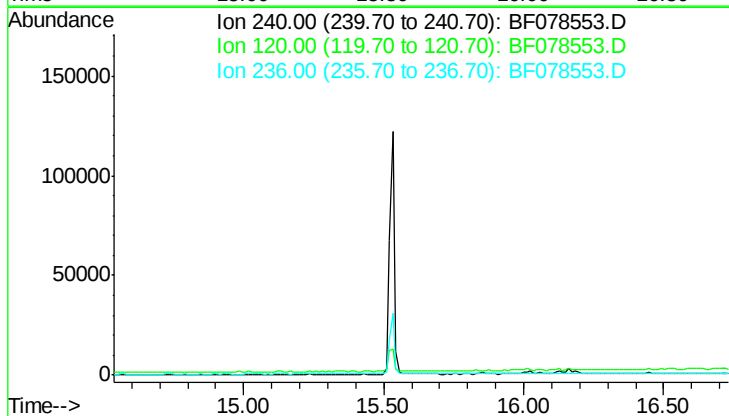
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB09A(2-2.5)

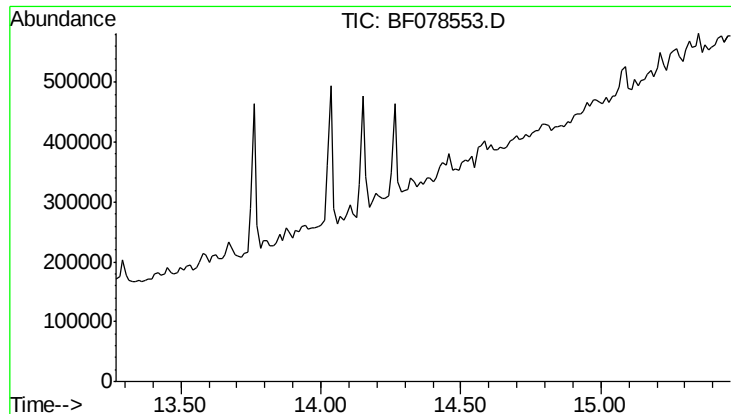
Tgt Ion	Exp Ratio
188	100
94	11.2
80	11.9



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.63 min
 Lab File: BF078553.D
 Acq: 15 Apr 2015 23:45

Tgt Ion	Exp Ratio
240	100
120	8.9
236	26.8

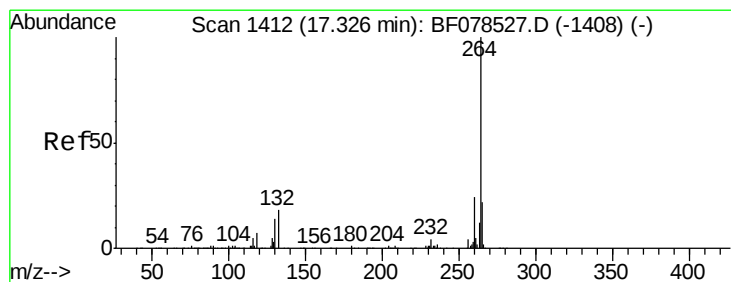
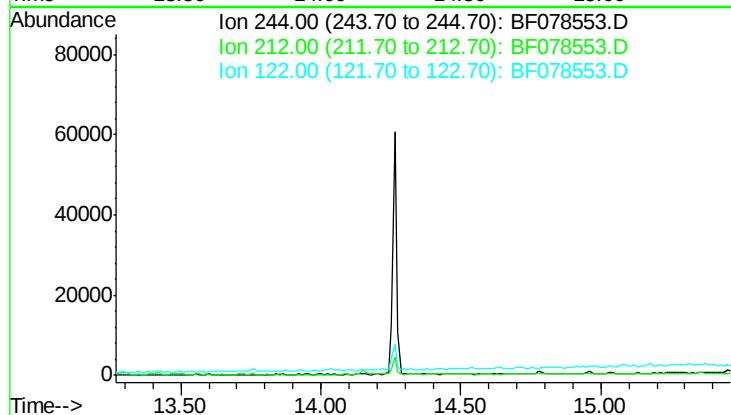




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.37 min
 Lab File: BF078553.D
 Acq: 15 Apr 2015 23:45

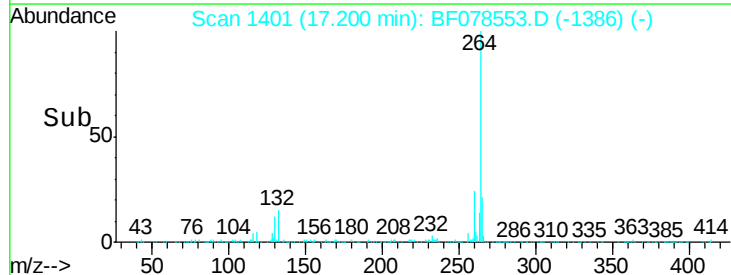
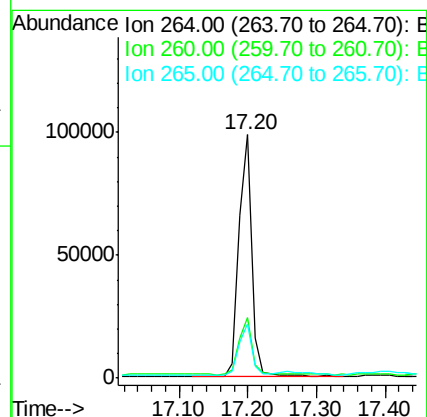
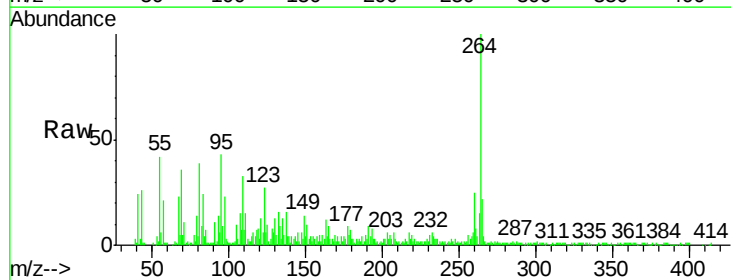
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB09A(2-2.5)

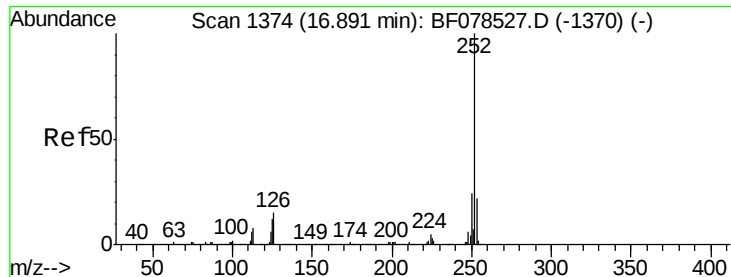
Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.2
 122 8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.20 min Scan# 1401
 Delta R.T. -0.13 min
 Lab File: BF078553.D
 Acq: 15 Apr 2015 23:45

Tgt Ion: 264 Resp: 131149
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.6 27.8
 265 22.1 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 12.57 ng

RT: 16.78 min Scan# 1364

Delta R.T. -0.11 min

Lab File: BF078553.D

Acq: 15 Apr 2015 23:45

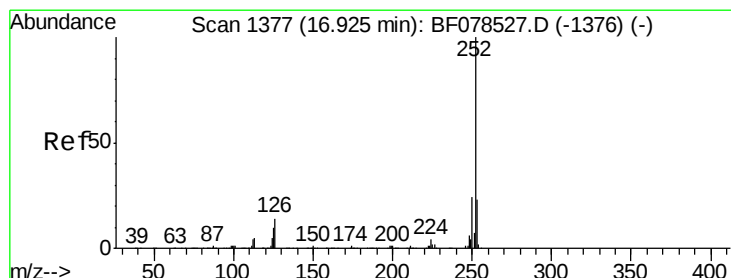
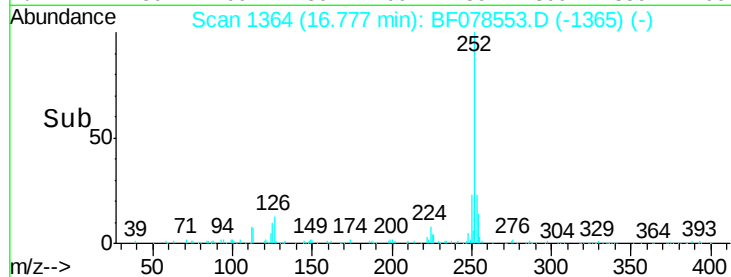
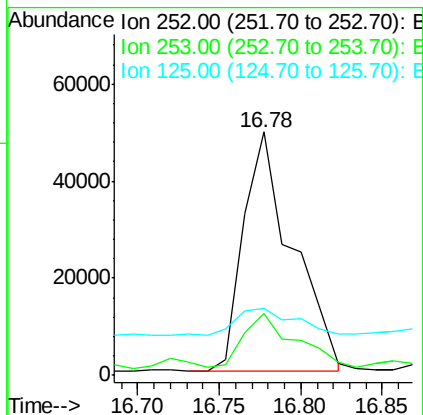
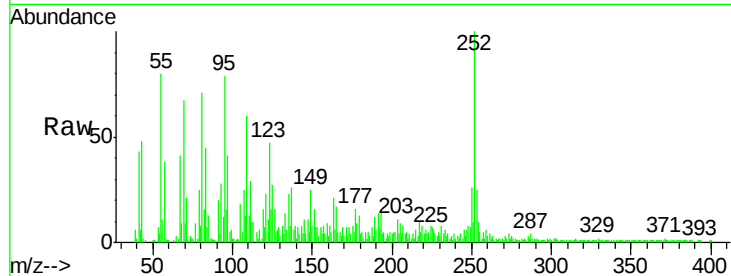
Instrument :

BNA_F

ClientSampleId :

LS-SB09A(2-2.5)

Tgt Ion:	252	Resp:	101870
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.2	25.8
125	27.4	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 14.35 ng

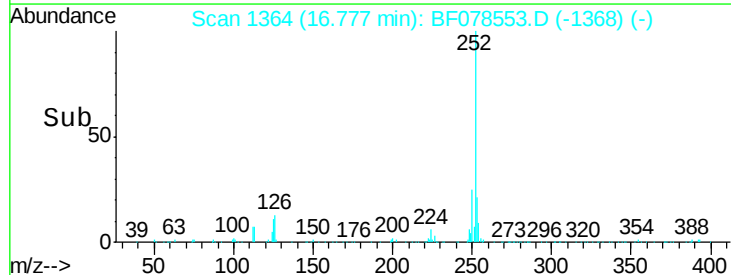
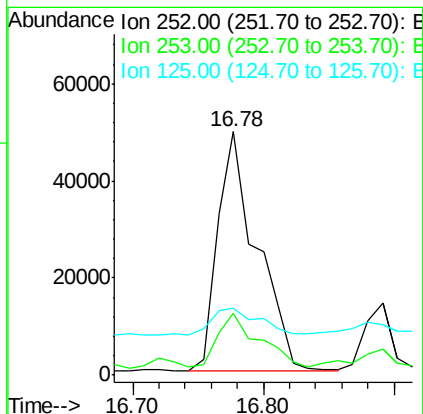
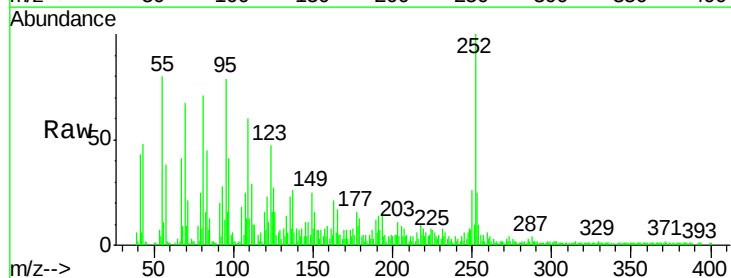
RT: 16.78 min Scan# 1364

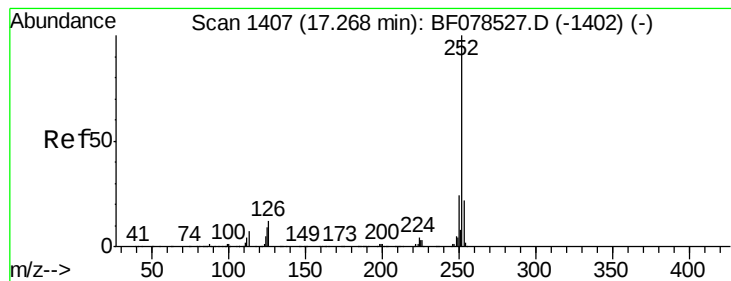
Delta R.T. -0.15 min

Lab File: BF078553.D

Acq: 15 Apr 2015 23:45

Tgt Ion:	252	Resp:	103389
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.5	26.3
125	27.4	11.6	17.4#





#89

Benzo(a)pyrene

Concen: 6.33 ng

RT: 17.13 min Scan# 1395

Delta R.T. -0.14 min

Lab File: BF078553.D

Acq: 15 Apr 2015 23:45

Instrument :

BNA_F

ClientSampleId :

LS-SB09A(2-2.5)

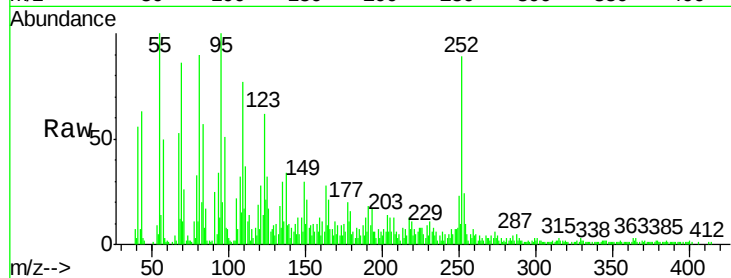
Tgt Ion: 252 Resp: 44784

Ion Ratio Lower Upper

252 100

253 26.7 16.8 25.2#

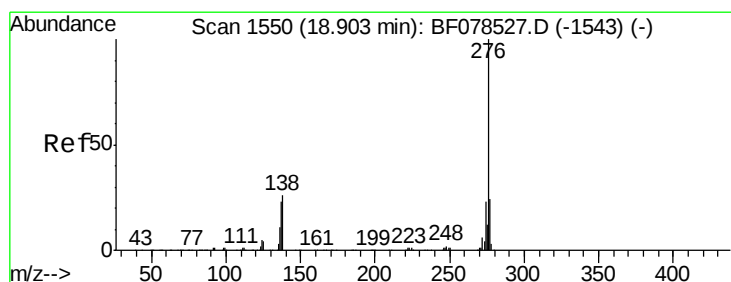
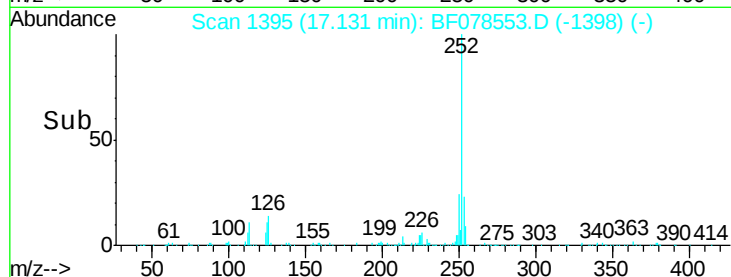
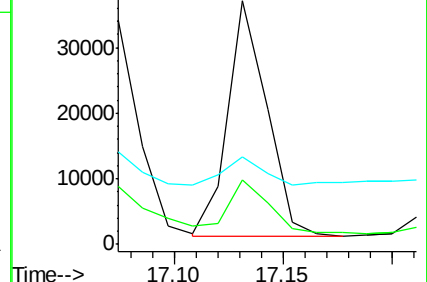
125 36.0 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 6.48 ng

RT: 18.71 min Scan# 1533

Delta R.T. -0.19 min

Lab File: BF078553.D

Acq: 15 Apr 2015 23:45

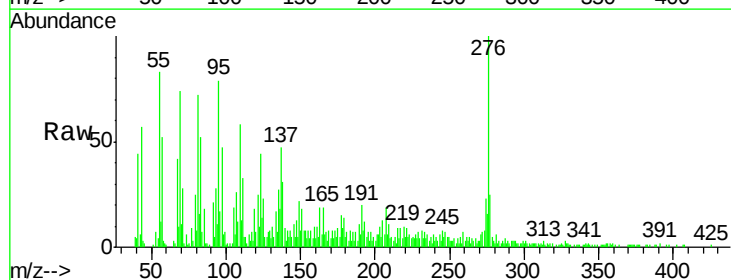
Tgt Ion: 276 Resp: 45985

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 31.4 19.9 29.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

