

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078555.D
 Acq On : 16 Apr 2015 00:43
 Operator : TP/IZ
 Sample : G1855-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

Quant Time: Apr 16 09:05:12 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

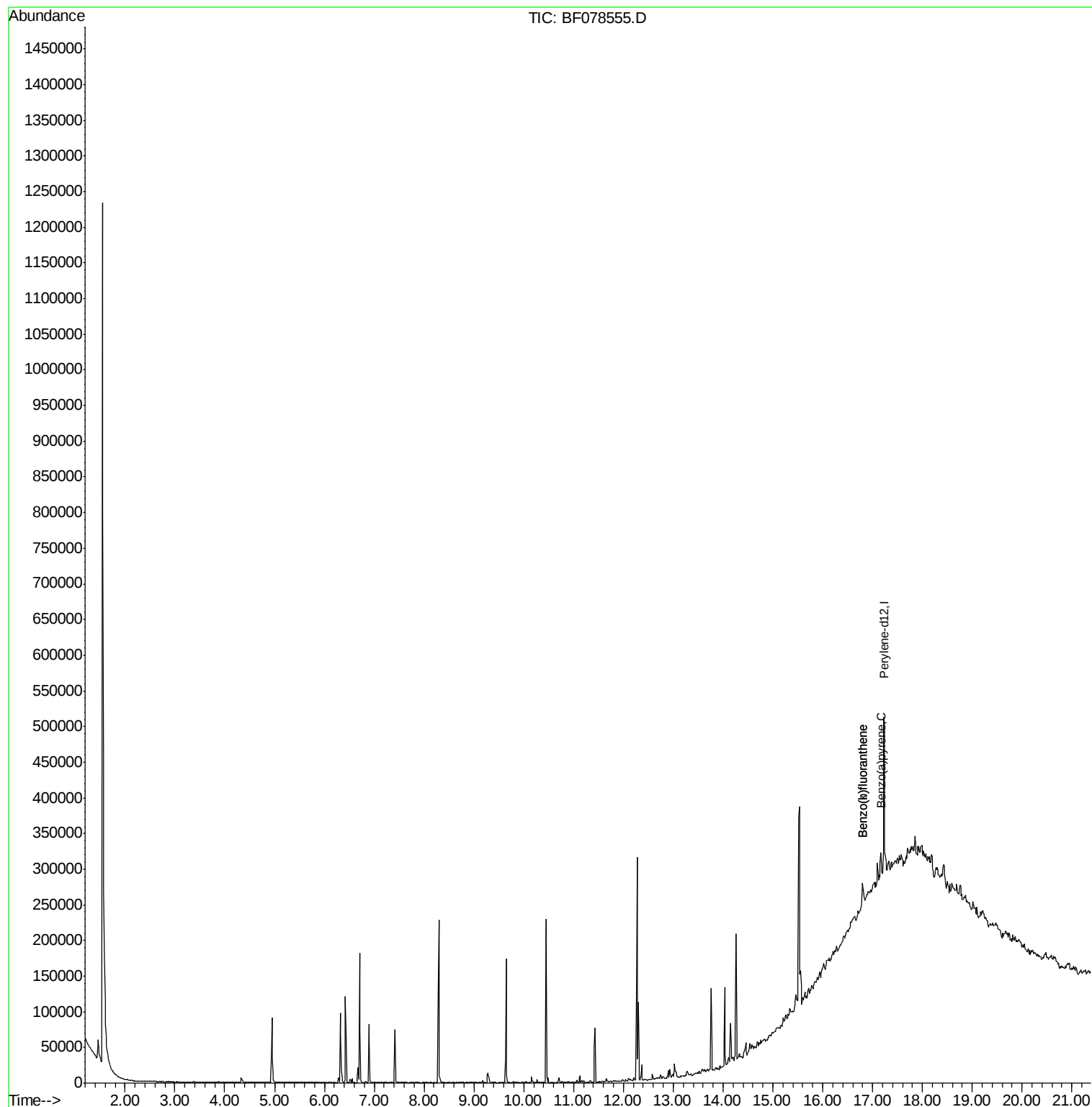
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.81
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.39
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.55
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.37
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.63
86) Perylene-d12	17.23	264	132433	20.00	ng	-0.09
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	16.80	252	33375	4.08	ng	# 80
88) Benzo(k)fluoranthene	16.80	252	33721	4.64	ng	# 83
89) Benzo(a)pyrene	17.17	252	17222	2.41	ng	# 80

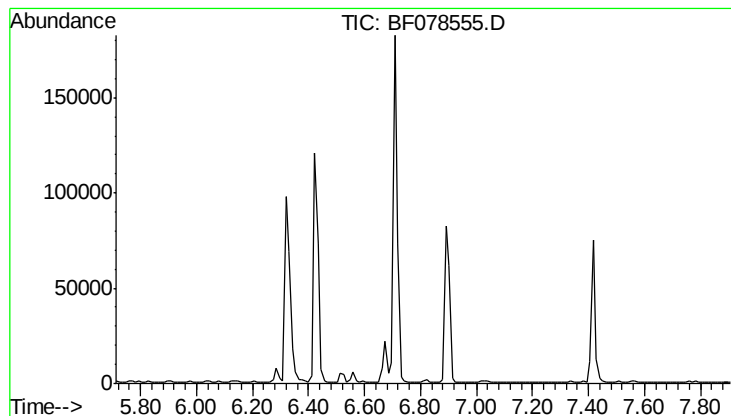
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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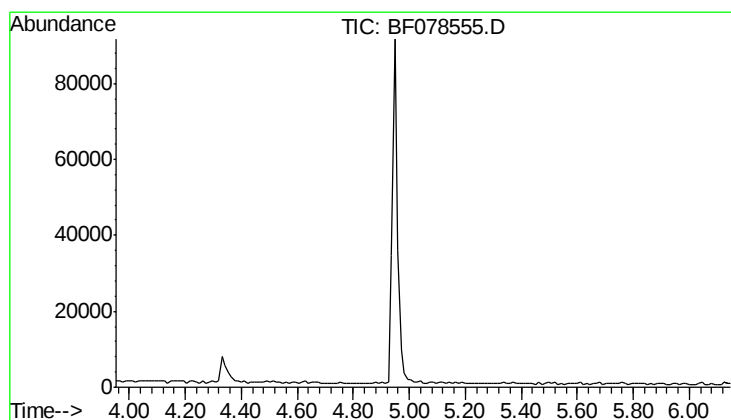
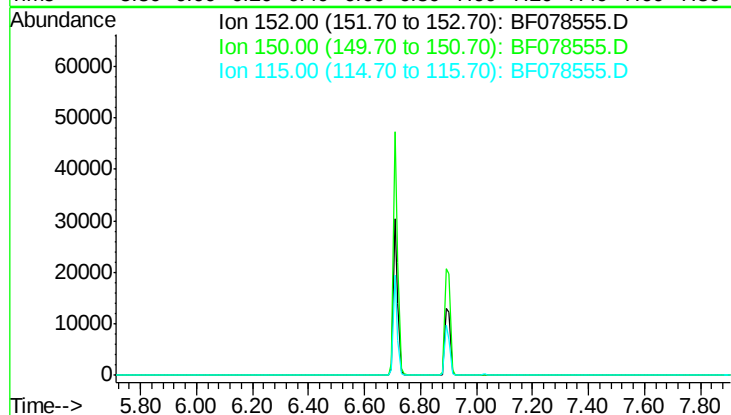




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.81 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

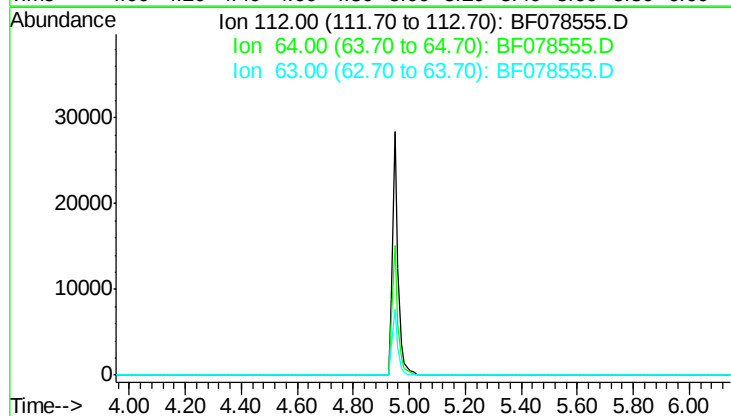
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

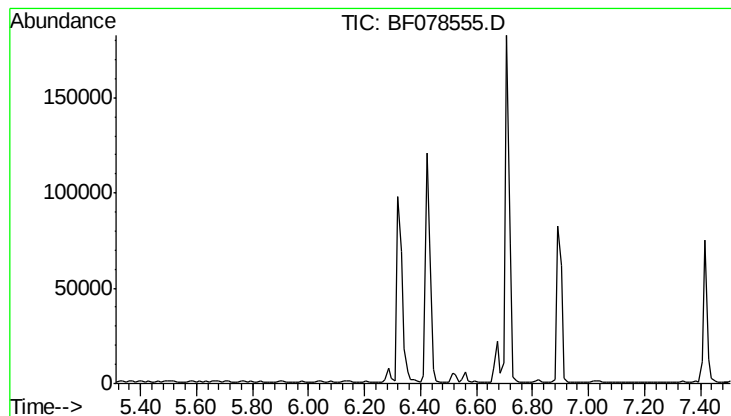
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 157.4
 115 65.9



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.05 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

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: BF078555.D

Acq: 16 Apr 2015 00:43

Instrument :

BNA_F

ClientSampleId :

LS-SB15A(6-12)

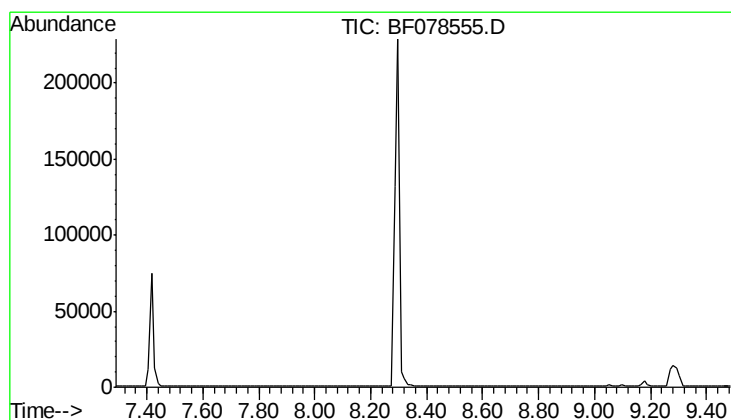
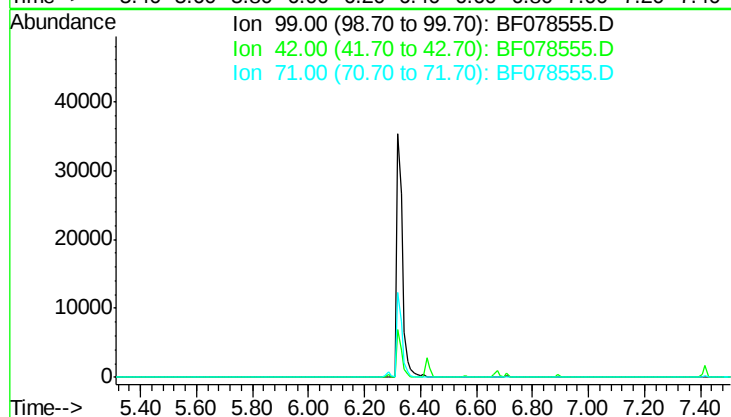
Tgt Ion: 99

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: BF078555.D

Acq: 16 Apr 2015 00:43

Tgt Ion: 136

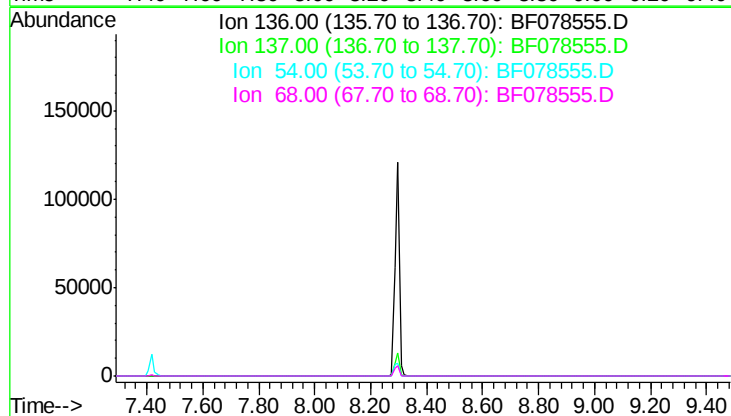
Sig Exp Ratio

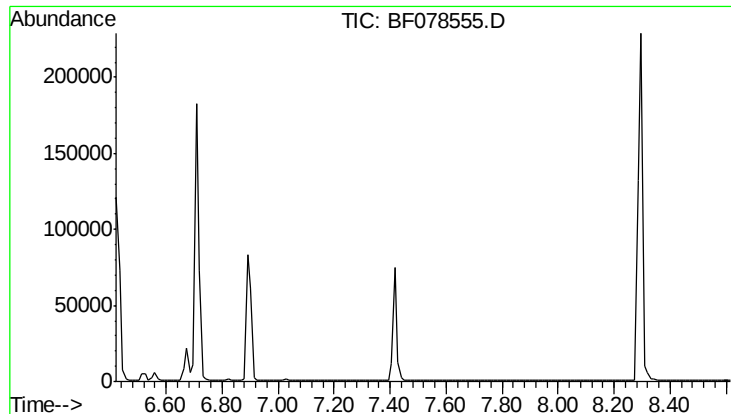
136 100

137 11.2

54 8.8

68 6.8

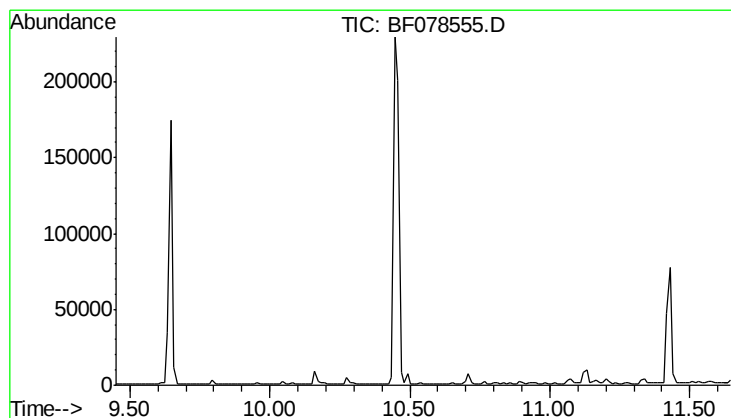
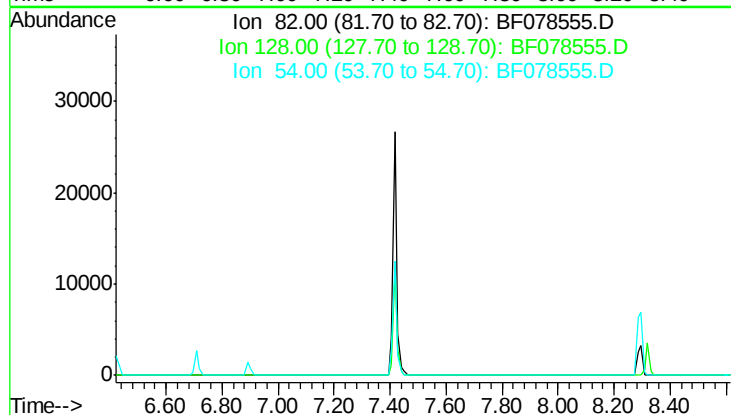




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.52 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

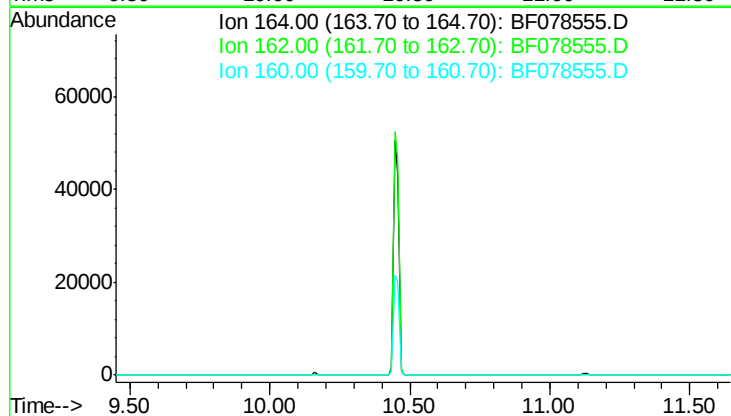
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

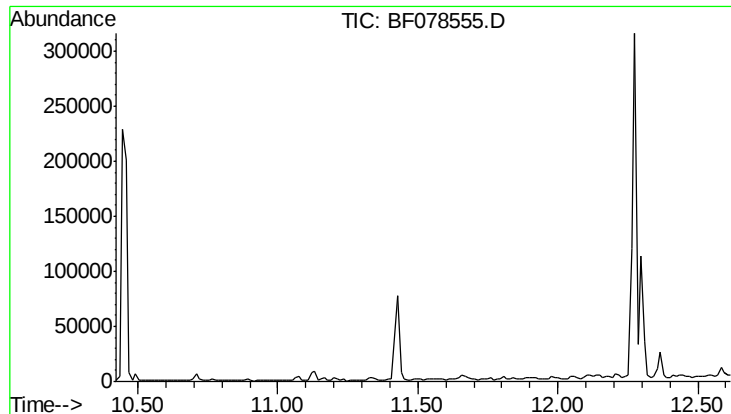
Tgt Ion	Exp Ratio
82	100
128	39.8
54	51.9



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.55 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

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: BF078555.D

Acq: 16 Apr 2015 00:43

Instrument :

BNA_F

ClientSampleId :

LS-SB15A(6-12)

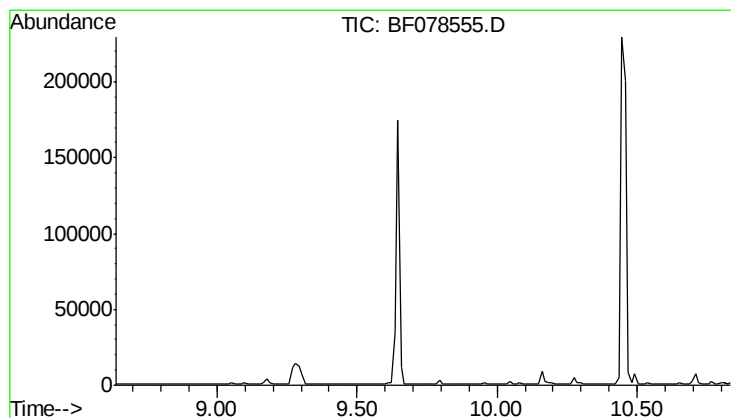
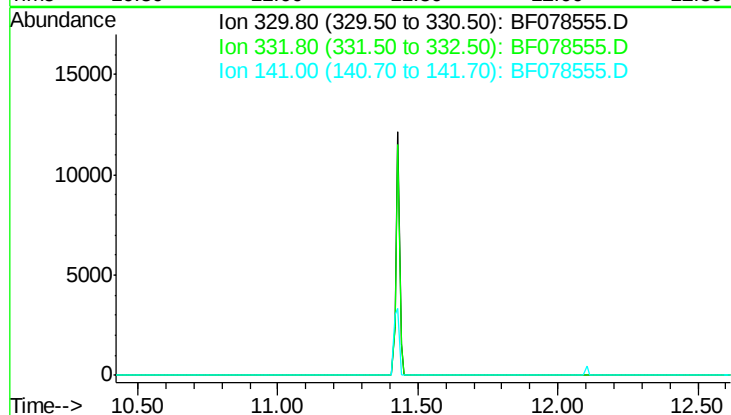
Tgt Ion: 330

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: BF078555.D

Acq: 16 Apr 2015 00:43

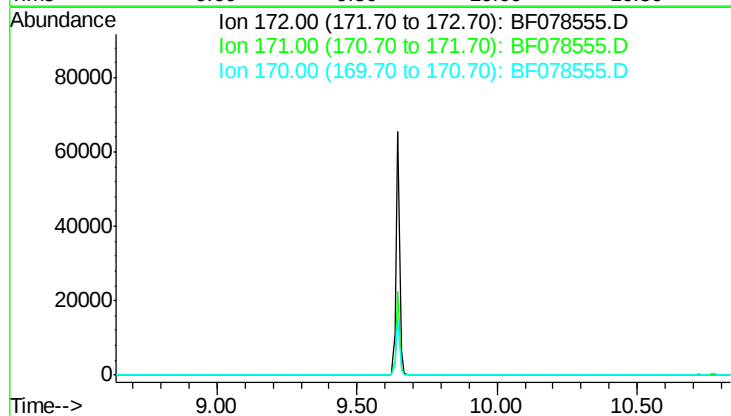
Tgt Ion: 172

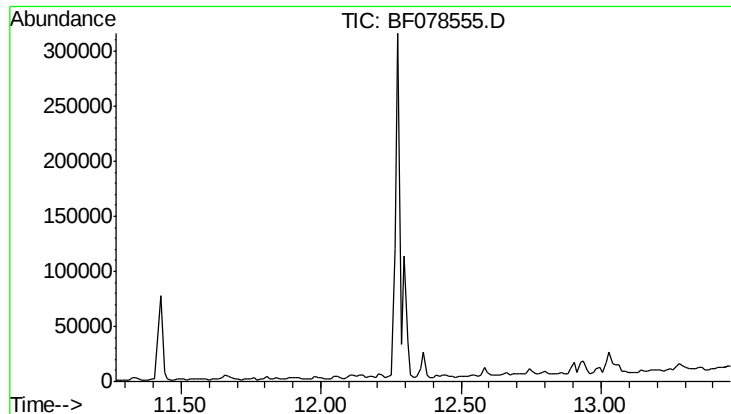
Sig Exp Ratio

172 100

171 35.7

170 23.1

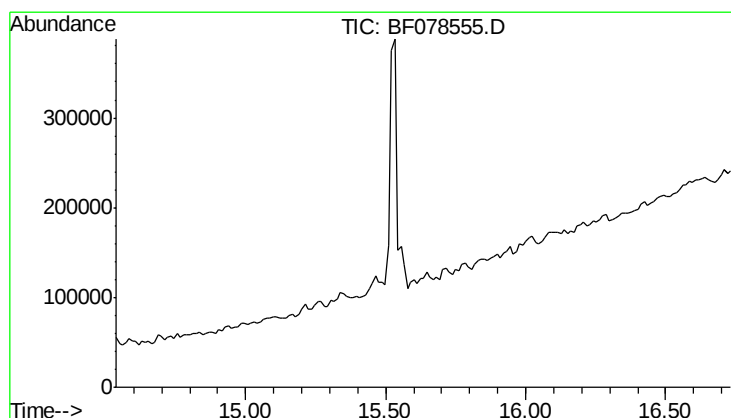
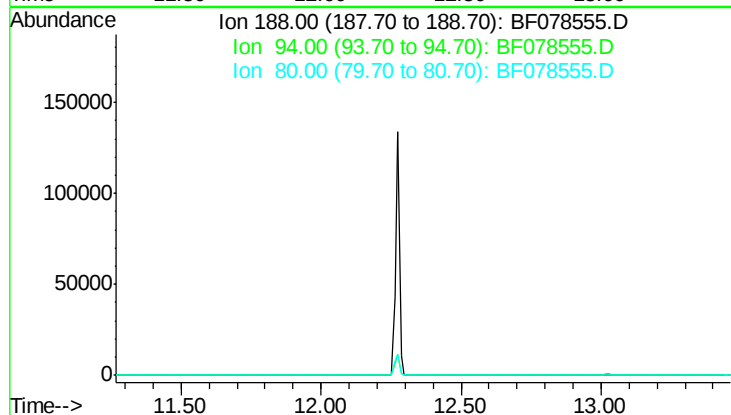




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.37 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

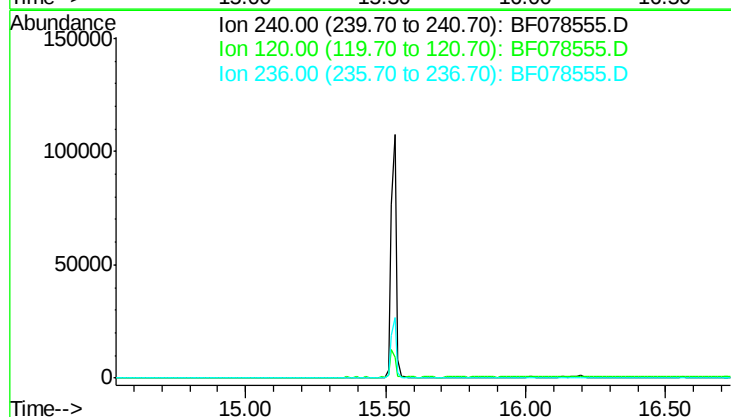
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

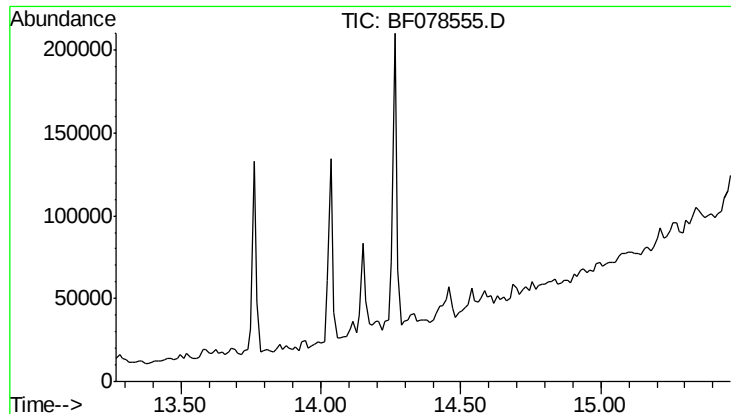
Tgt Ion	Exp Ratio
188	100
94	11.2
80	11.9



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.63 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Tgt Ion	Exp Ratio
240	100
120	8.9
236	26.8

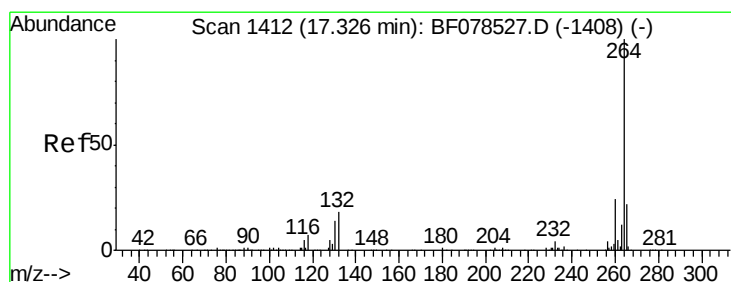
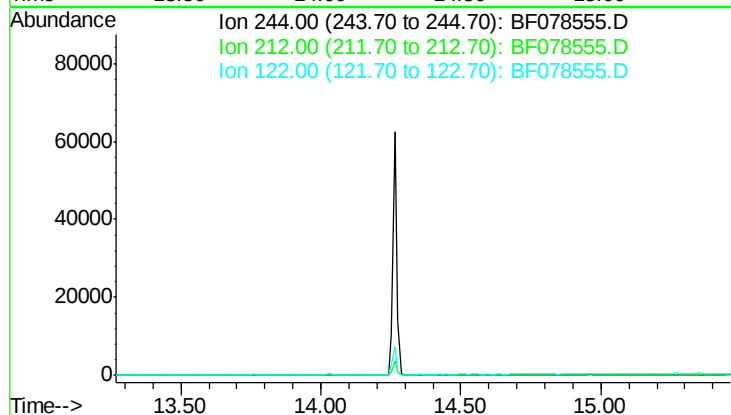




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.37 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

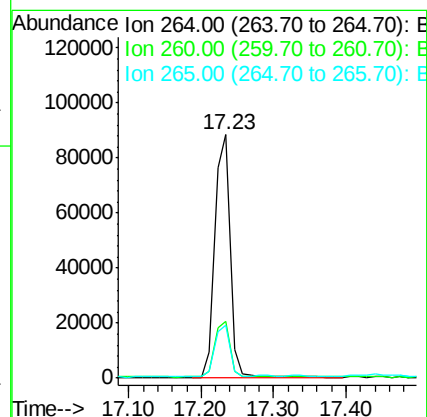
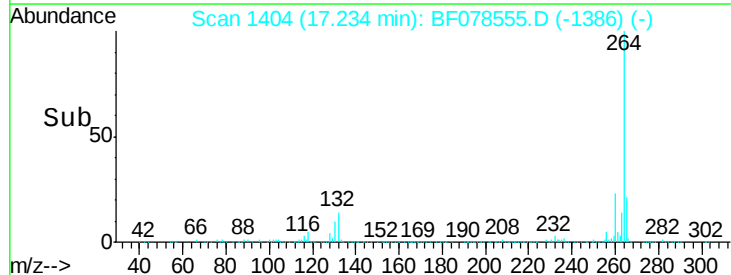
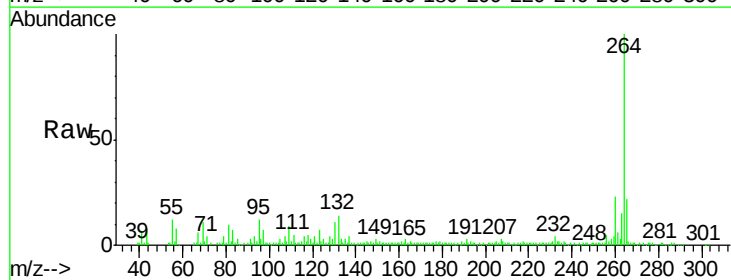
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB15A(6-12)

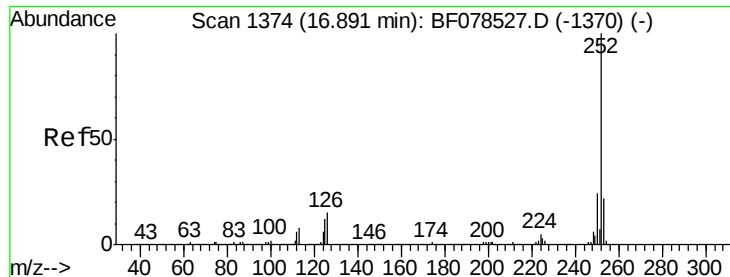
Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.2
 122 8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.23 min Scan# 1404
 Delta R.T. -0.09 min
 Lab File: BF078555.D
 Acq: 16 Apr 2015 00:43

Tgt Ion: 264 Resp: 132433
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.8 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 4.08 ng

RT: 16.80 min Scan# 1366

Delta R.T. -0.09 min

Lab File: BF078555.D

Acq: 16 Apr 2015 00:43

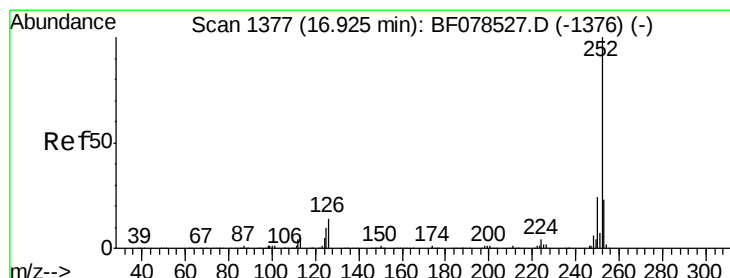
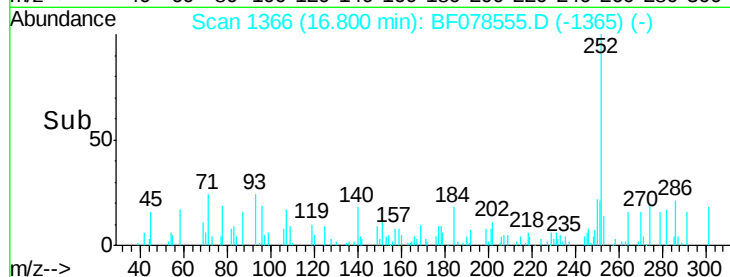
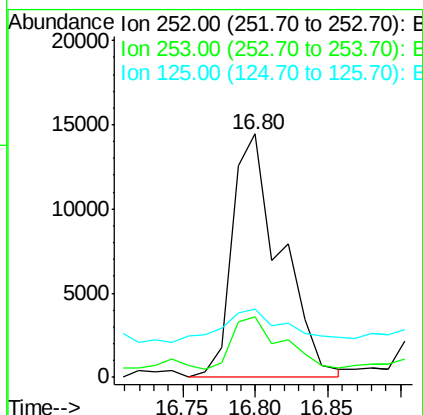
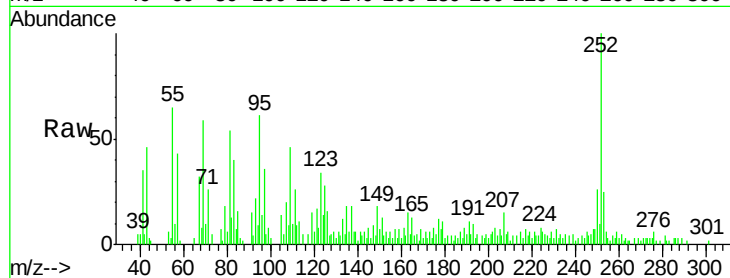
Instrument :

BNA_F

ClientSampleId :

LS-SB15A(6-12)

Tgt Ion:	252	Resp:	33375
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.2	25.8
125	28.0	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 4.64 ng

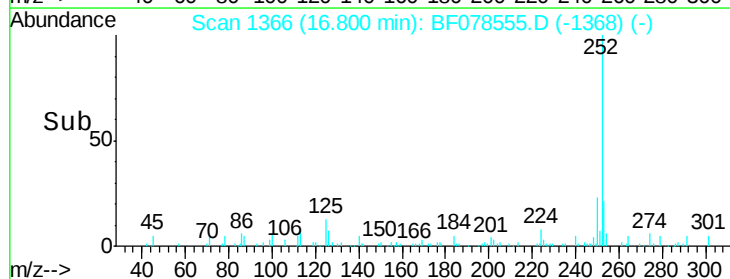
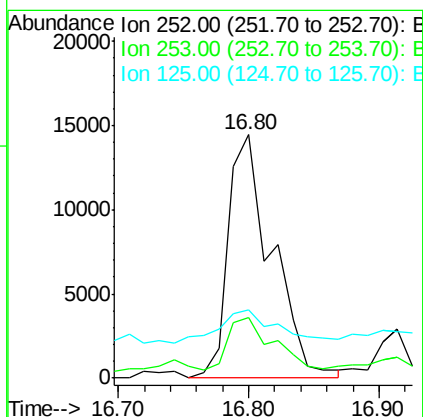
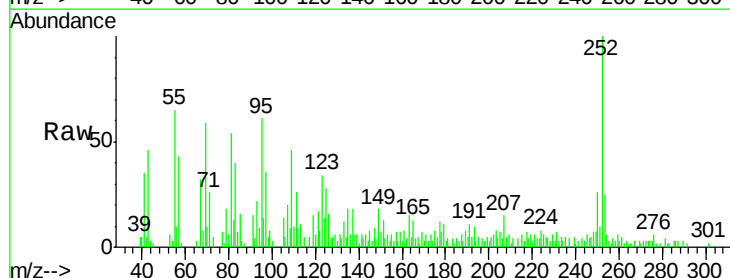
RT: 16.80 min Scan# 1366

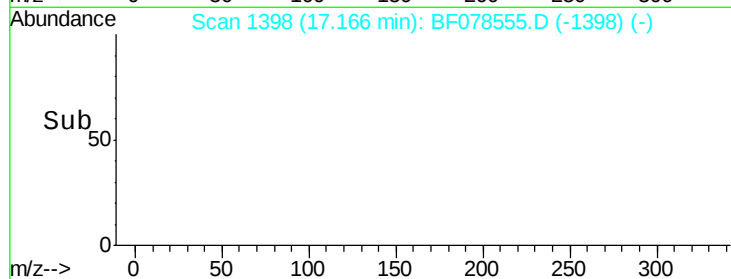
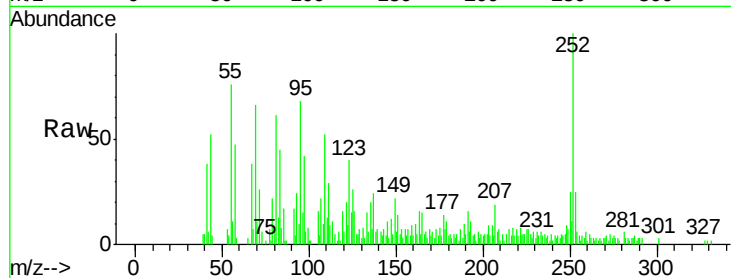
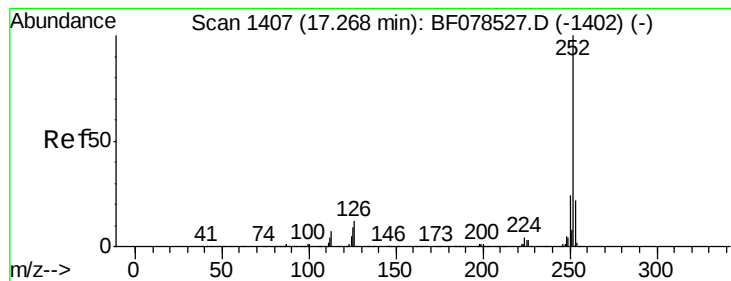
Delta R.T. -0.13 min

Lab File: BF078555.D

Acq: 16 Apr 2015 00:43

Tgt Ion:	252	Resp:	33721
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.5	26.3
125	28.0	11.6	17.4#





#89

Benzo(a)pyrene

Concen: 2.41 ng

RT: 17.17 min Scan# 1398

Delta R.T. -0.10 min

Lab File: BF078555.D

Acq: 16 Apr 2015 00:43

Instrument :

BNA_F

ClientSampleId :

LS-SB15A(6-12)

Tgt Ion:252 Resp: 17222

Ion Ratio Lower Upper

252 100

253 24.9 16.8 25.2

125 26.1 7.4 11.0#

