

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078549.D
 Acq On : 15 Apr 2015 21:50
 Operator : TP/IZ
 Sample : G1787-09RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03CRE

Quant Time: Apr 16 09:04:04 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

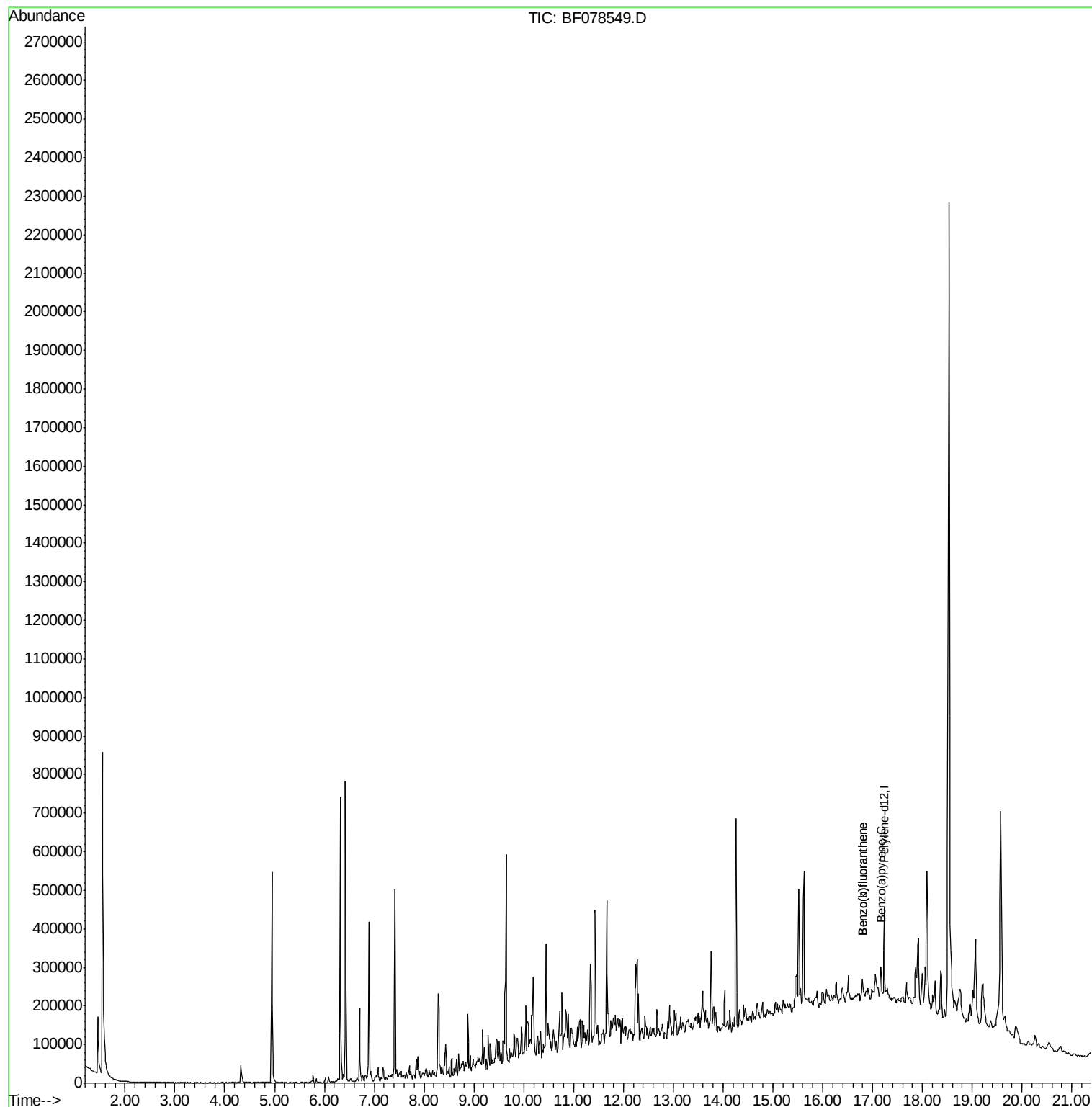
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.81
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.39
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.55
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.37
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.63
86) Perylene-d12	17.23	264	114613	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	31986	4.52	ng	# 78
88) Benzo(k)fluoranthene	16.80	252	32194	5.11	ng	# 81
89) Benzo(a)pyrene	17.17	252	15339	2.48	ng	# 76

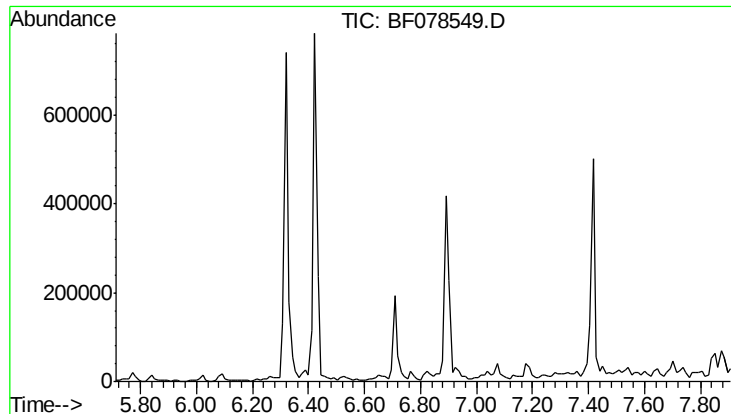
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.81 min

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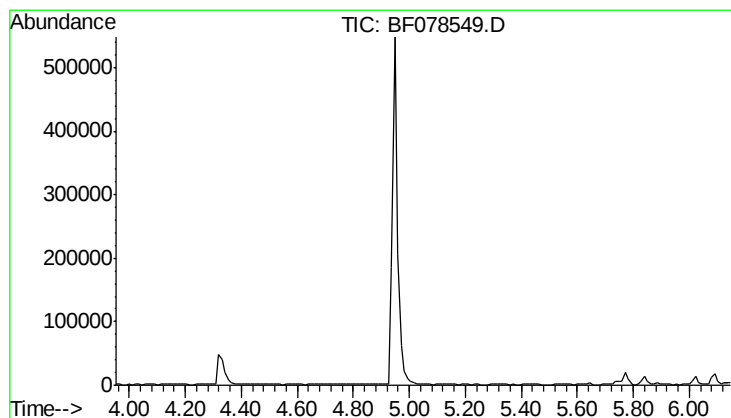
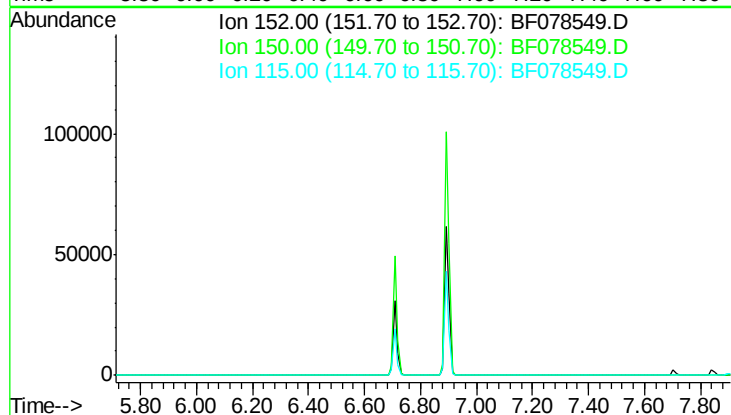
Tgt Ion: 152

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: BF078549.D

Acq: 15 Apr 2015 21:50

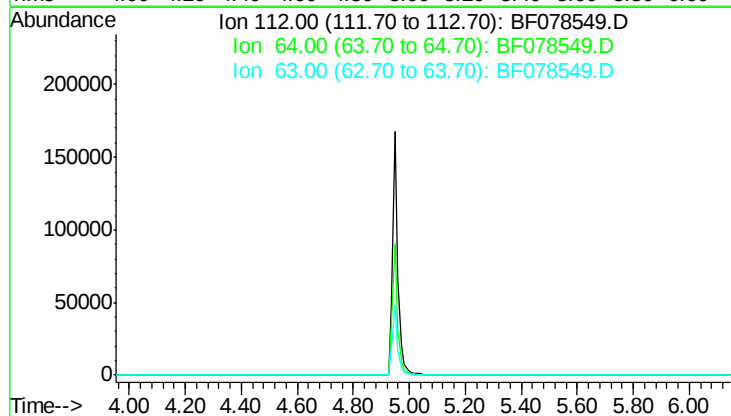
Tgt Ion: 112

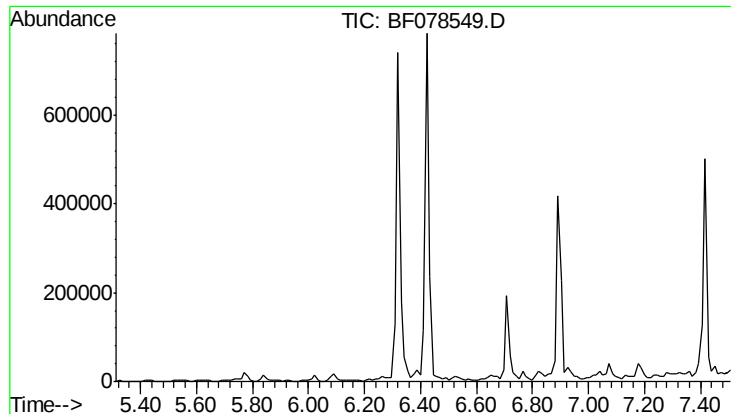
Sig Exp Ratio

112 100

64 49.9

63 25.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.41 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Instrument :

BNA_F

ClientSampleId :

LS-SD03CRE

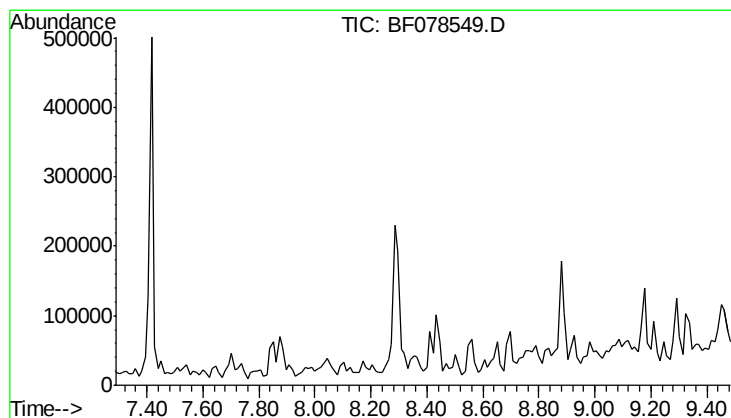
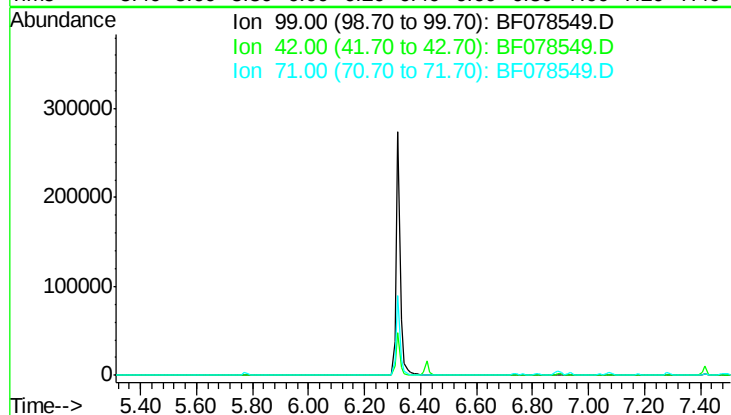
Tgt Ion: 99

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: BF078549.D

Acq: 15 Apr 2015 21:50

Tgt Ion: 136

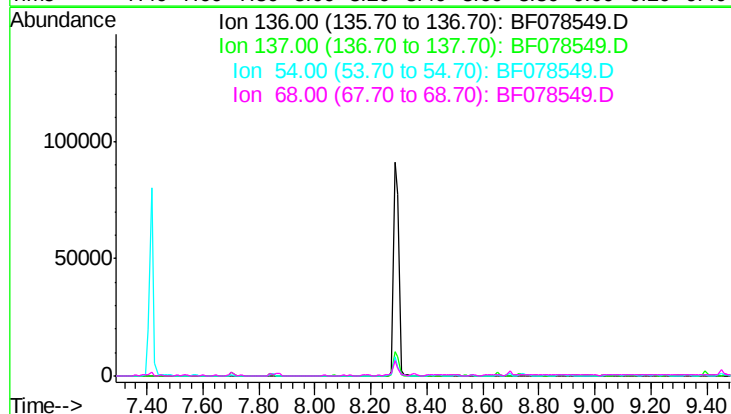
Sig Exp Ratio

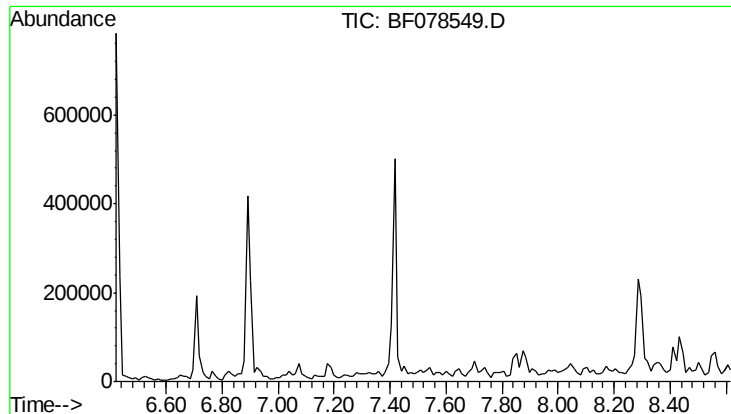
136 100

137 11.2

54 8.8

68 6.8

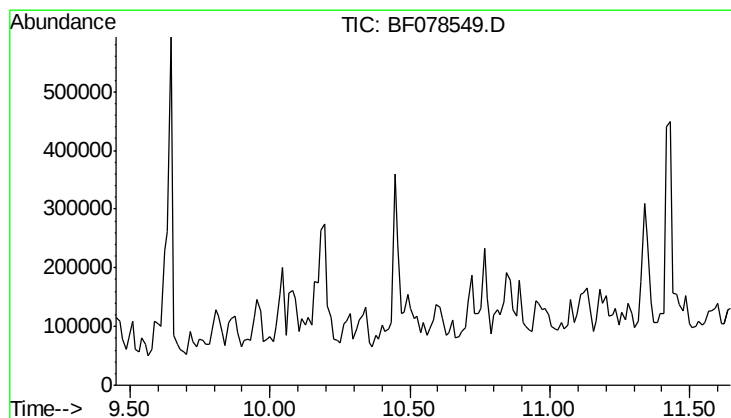
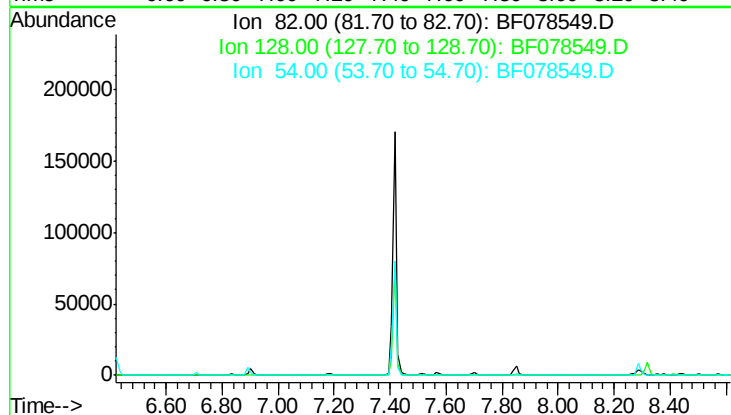




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.52 min
 Lab File: BF078549.D
 Acq: 15 Apr 2015 21:50

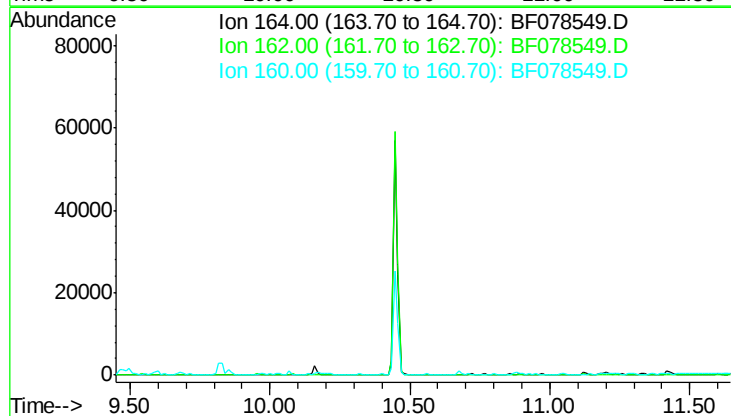
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03CRE

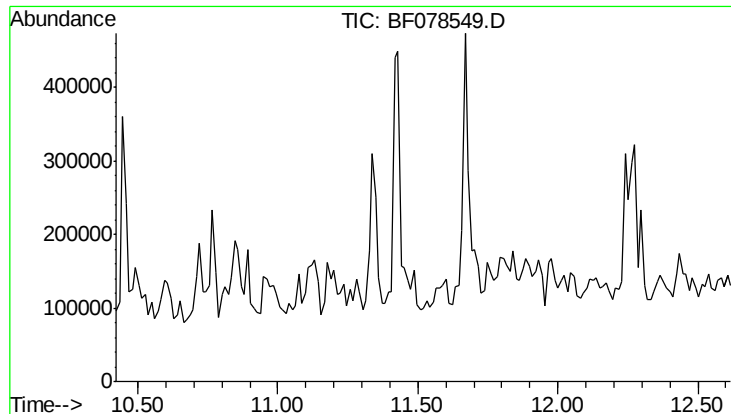
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 39.8
 54 51.9



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.55 min
 Lab File: BF078549.D
 Acq: 15 Apr 2015 21:50

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 102.7
 160 43.4

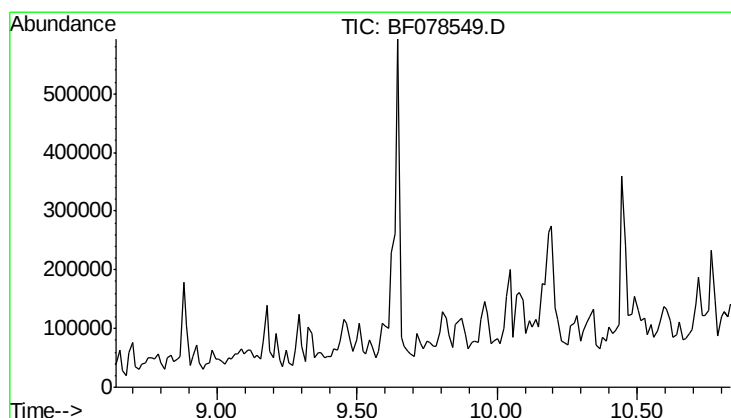
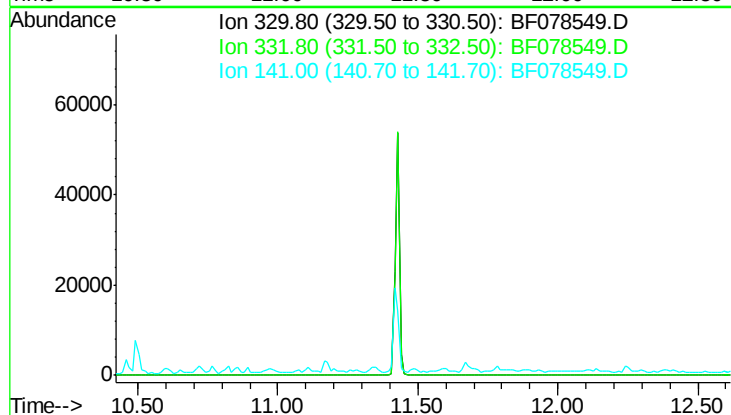




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.52 min
 Lab File: BF078549.D
 Acq: 15 Apr 2015 21:50

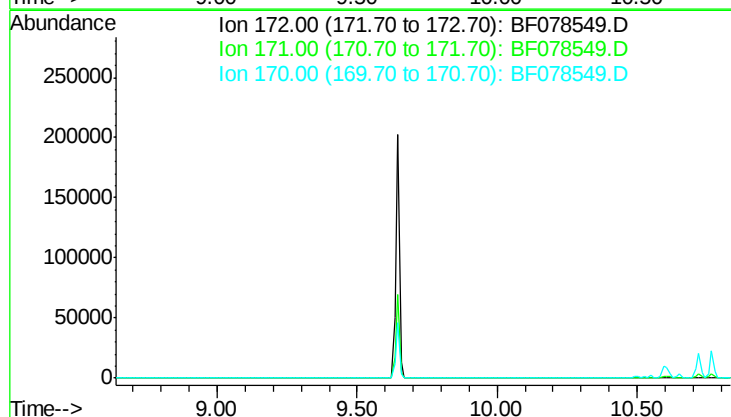
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03CRE

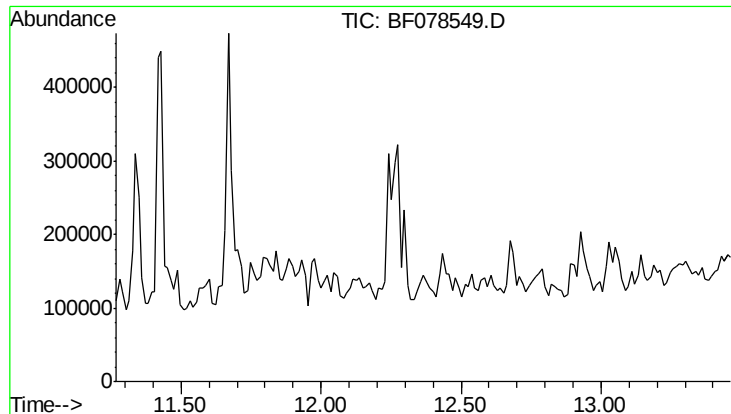
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 39.0



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.74 min
 Lab File: BF078549.D
 Acq: 15 Apr 2015 21:50

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

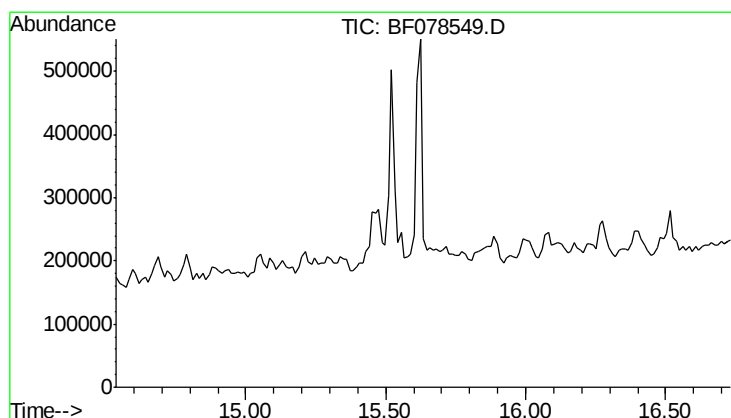
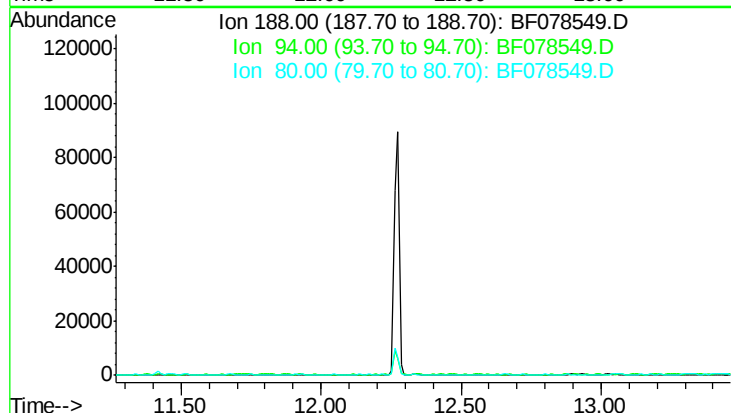




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.37 min
 Lab File: BF078549.D
 Acq: 15 Apr 2015 21:50

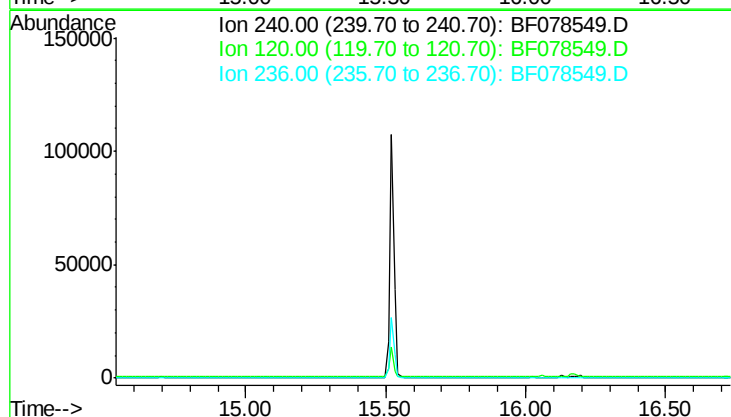
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03CRE

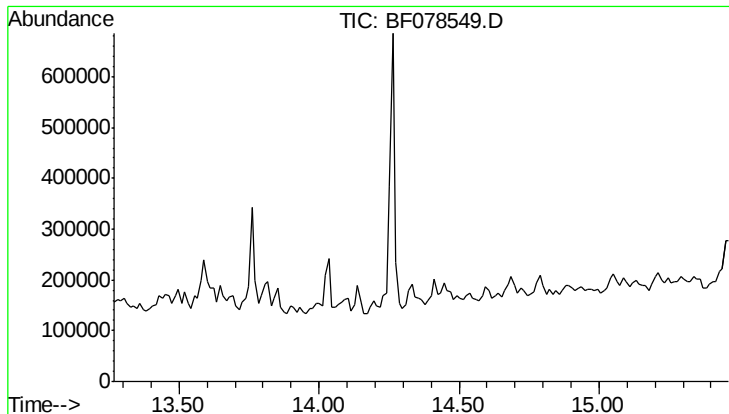
Tgt Ion	Exp Ratio
188	100
94	11.2
80	11.9



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.63 min
 Lab File: BF078549.D
 Acq: 15 Apr 2015 21:50

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: BF078549.D

Acq: 15 Apr 2015 21:50

Instrument :

BNA_F

ClientSampleId :

LS-SD03CRE

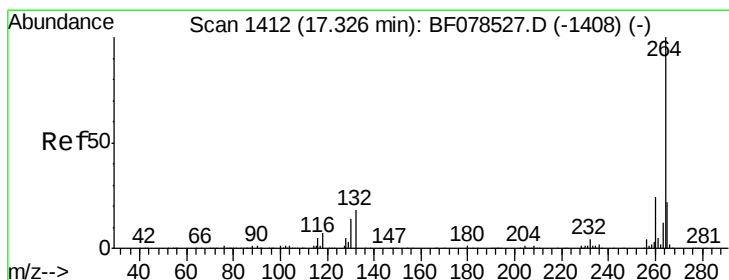
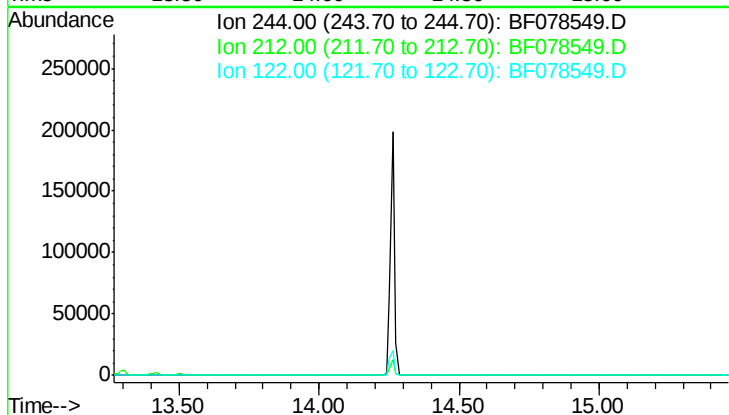
Tgt Ion: 244

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: BF078549.D

Acq: 15 Apr 2015 21:50

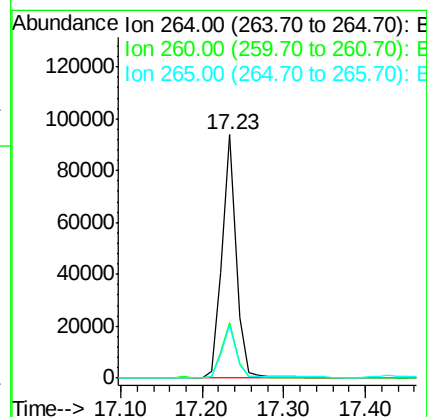
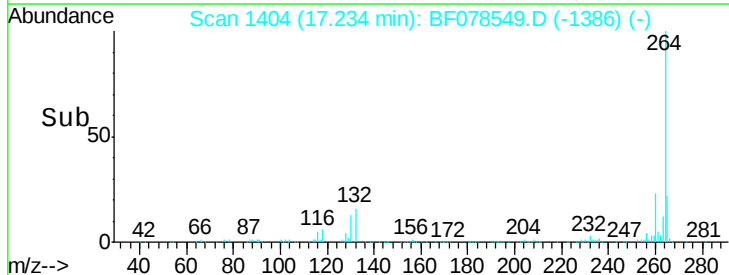
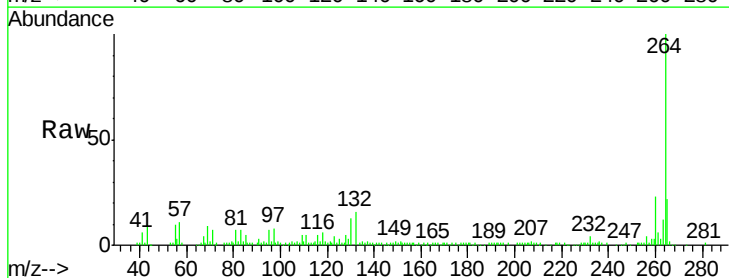
Tgt Ion: 264 Resp: 114613

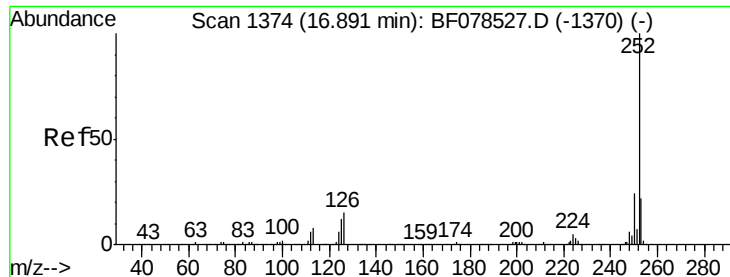
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.5 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 4.52 ng

RT: 16.80 min Scan# 1366

Delta R.T. -0.09 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Instrument :

BNA_F

ClientSampleId :

LS-SD03CRE

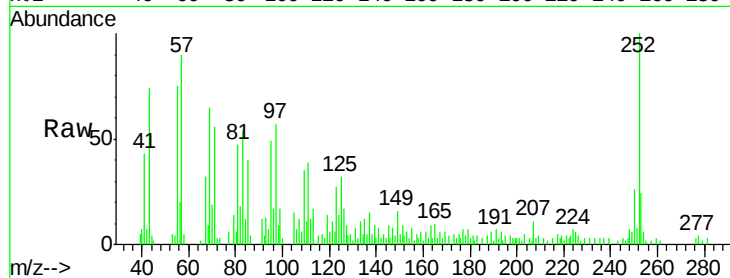
Tgt Ion:252 Resp: 31986

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

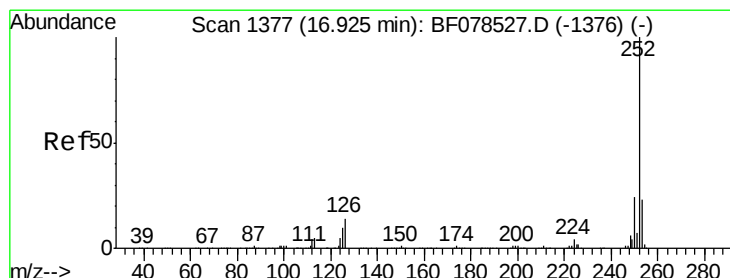
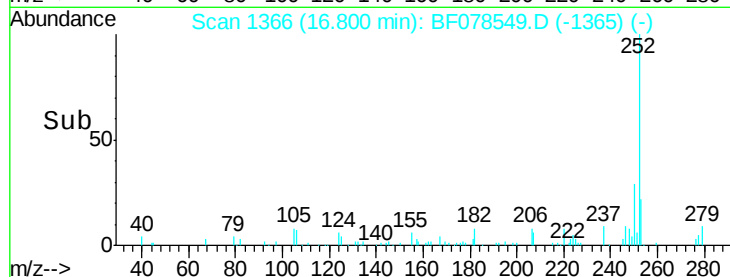
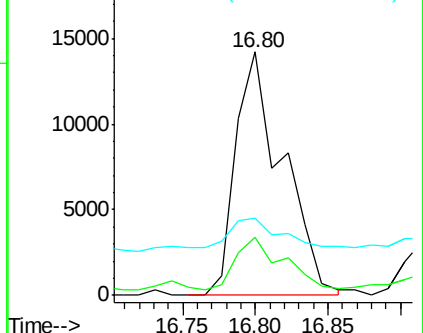
125 31.8 7.0 10.4#



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



#88

Benzo(k)fluoranthene

Concen: 5.11 ng

RT: 16.80 min Scan# 1366

Delta R.T. -0.13 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

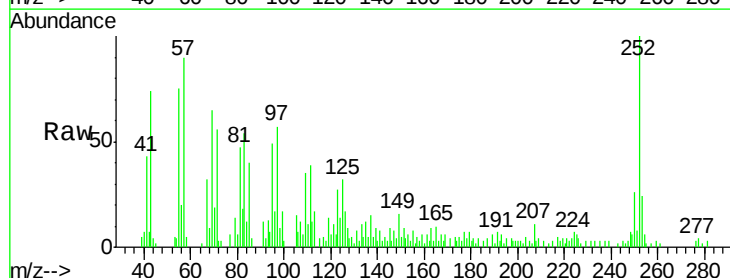
Tgt Ion:252 Resp: 32194

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

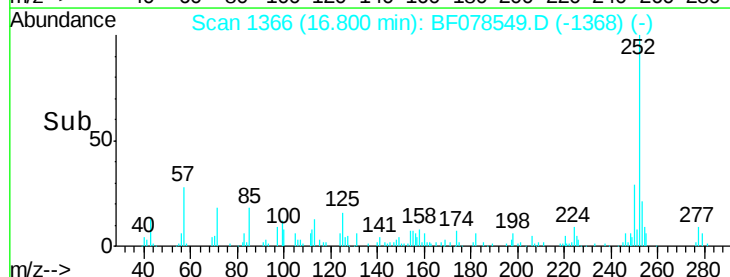
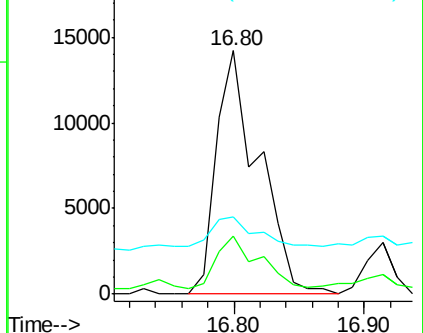
125 31.8 11.6 17.4#

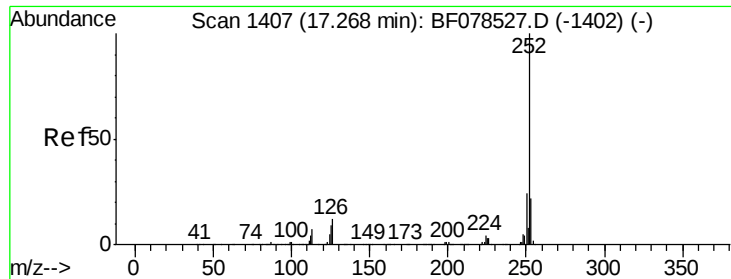


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.48 ng

RT: 17.17 min Scan# 1398

Delta R.T. -0.10 min

Lab File: BF078549.D

Acq: 15 Apr 2015 21:50

Instrument :

BNA_F

ClientSampleId :

LS-SD03CRE

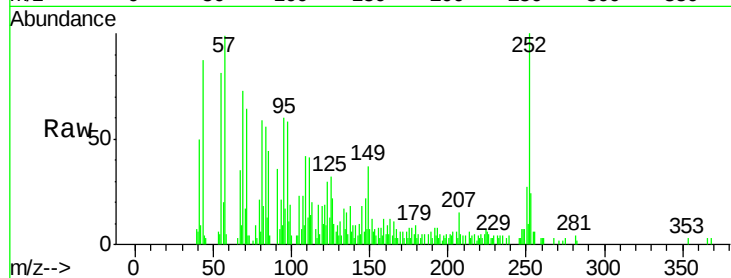
Tgt Ion: 252 Resp: 15339

Ion Ratio Lower Upper

252 100

253 24.2 16.8 25.2

125 32.2 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

