

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078546.D
 Acq On : 15 Apr 2015 20:24
 Operator : TP/IZ
 Sample : G1787-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02BRE

Quant Time: Apr 16 09:03:29 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

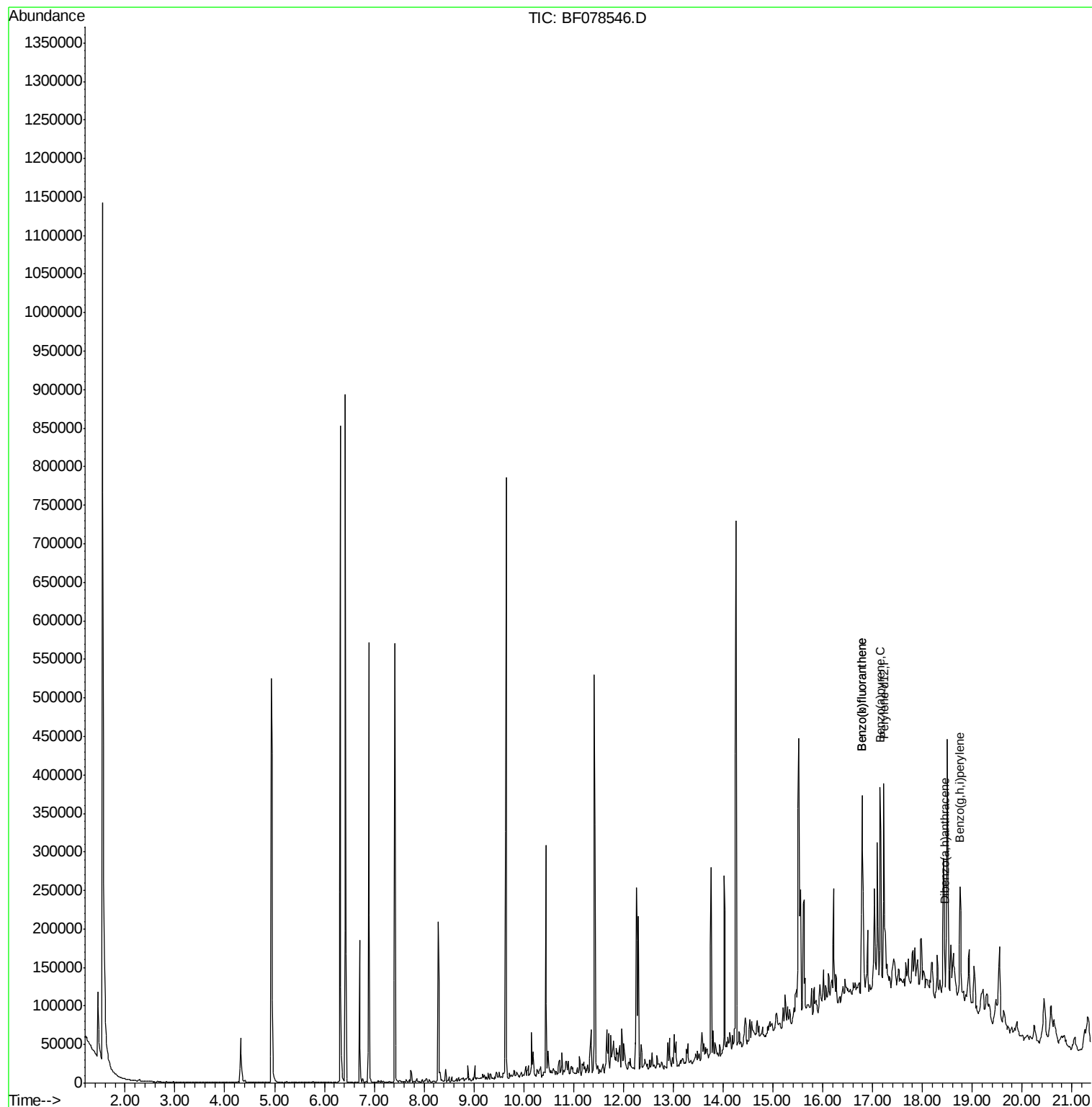
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.81
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.39
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.55
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.37
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.63
86) Perylene-d12	17.22	264	125282	20.00	ng	-0.10
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	16.79	252	209781	27.09	ng	Qvalue # 95
88) Benzo(k)fluoranthene	16.79	252	210395	30.58	ng	98
89) Benzo(a)pyrene	17.15	252	138109	20.44	ng	# 91
90) Dibenzo(a,h)anthracene	18.45	278	25886	3.83	ng	# 84
91) Benzo(g,h,i)perylene	18.75	276	104655	15.43	ng	98

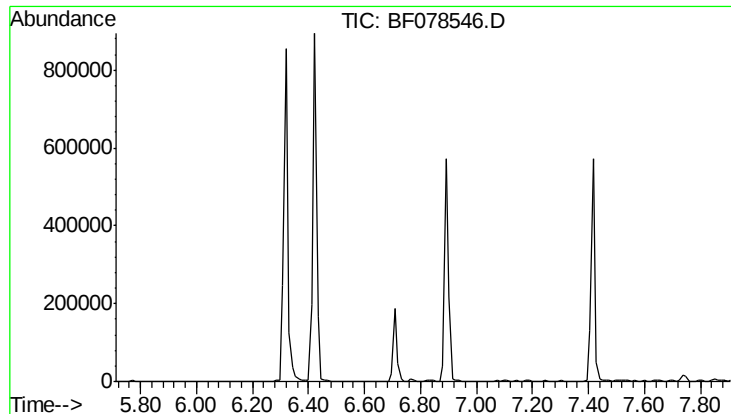
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.81 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

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BNA_F

ClientSampleId :

LS-SD02BRE

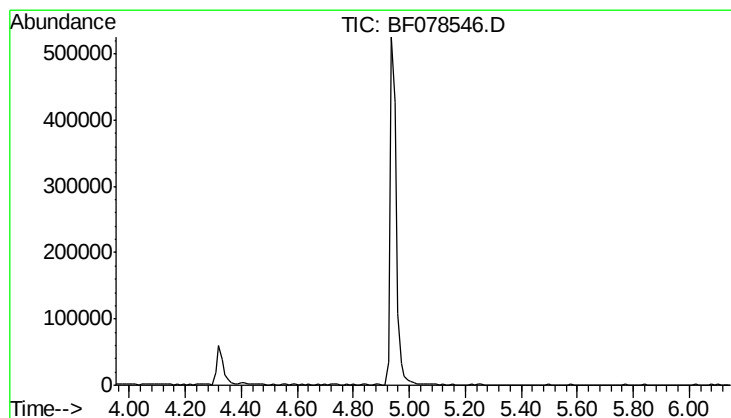
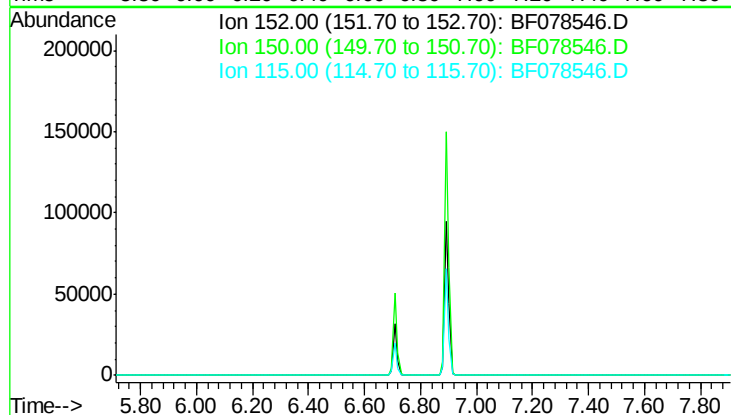
Tgt Ion: 152

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: BF078546.D

Acq: 15 Apr 2015 20:24

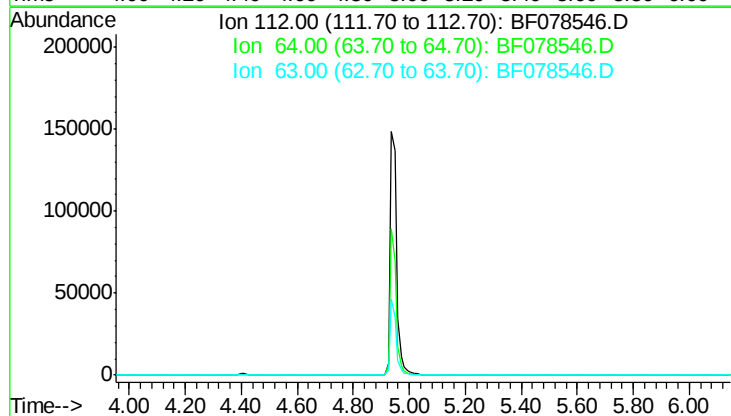
Tgt Ion: 112

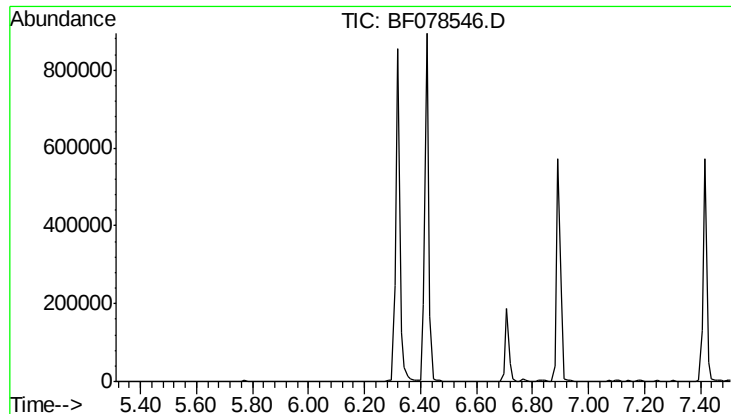
Sig Exp Ratio

112 100

64 49.9

63 25.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.41 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Instrument :

BNA_F

ClientSampleId :

LS-SD02BRE

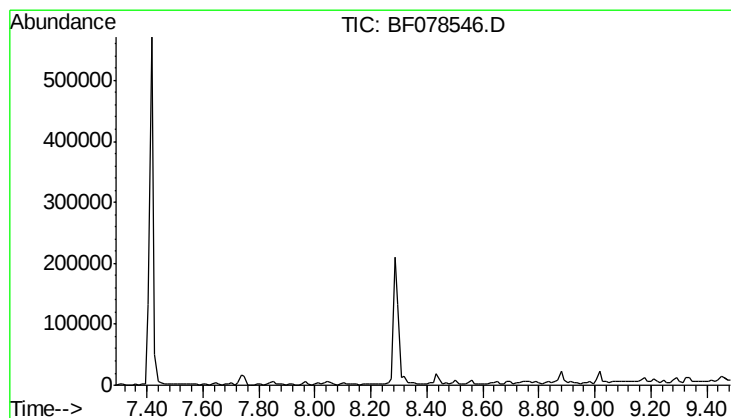
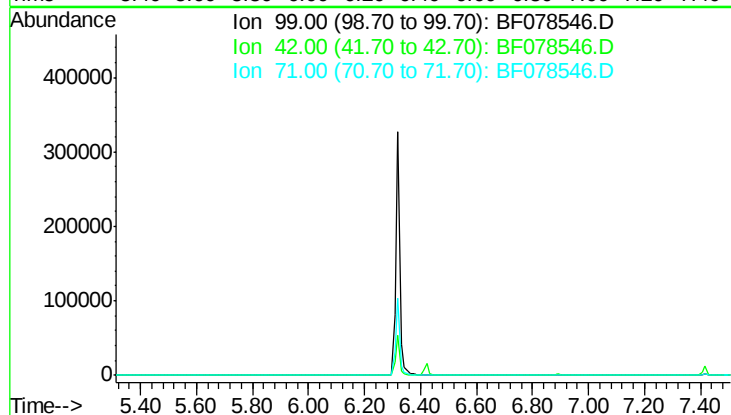
Tgt Ion: 99

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: BF078546.D

Acq: 15 Apr 2015 20:24

Tgt Ion: 136

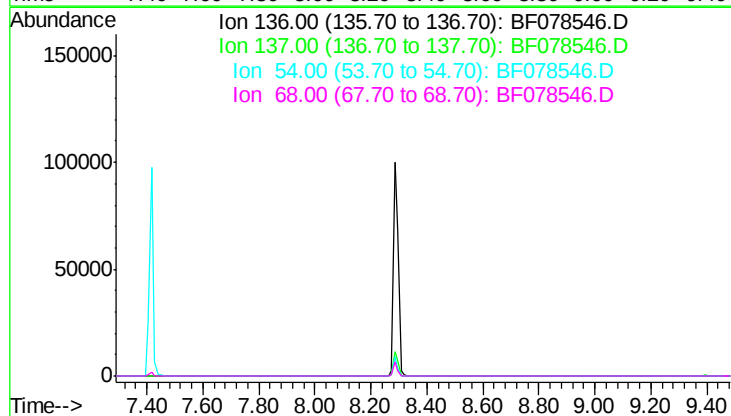
Sig Exp Ratio

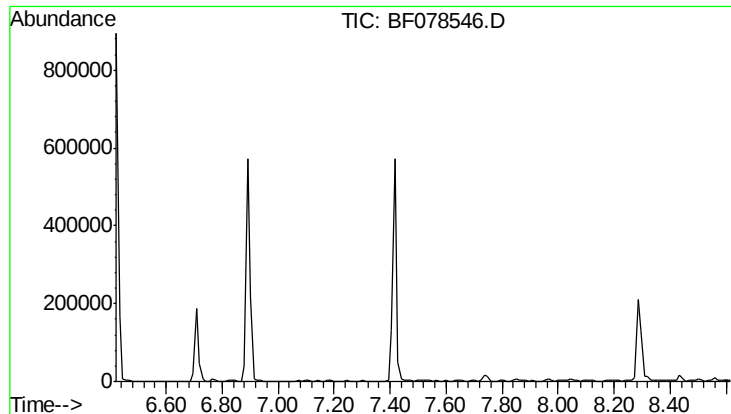
136 100

137 11.2

54 8.8

68 6.8

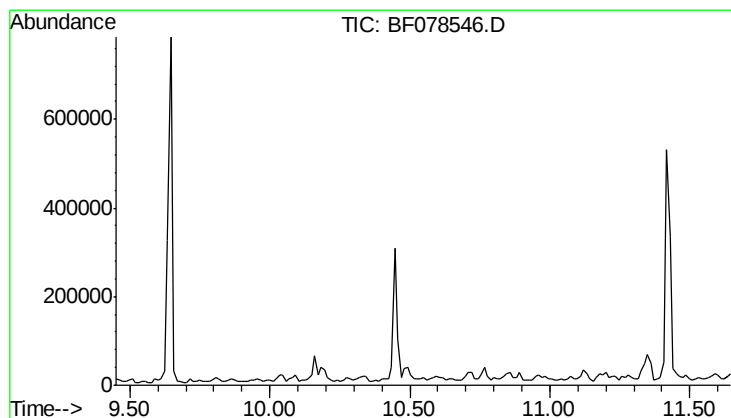
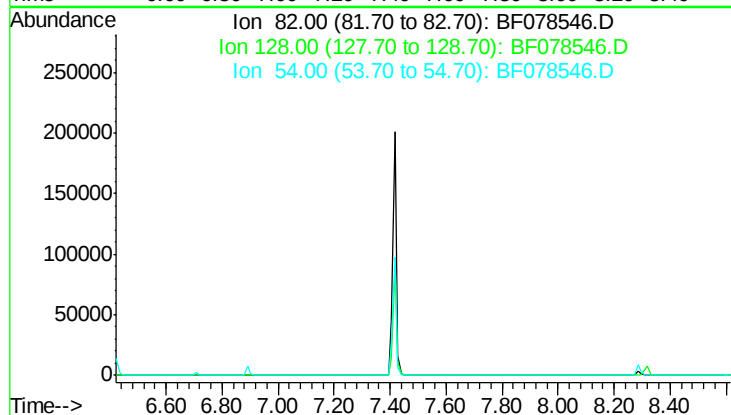




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.52 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

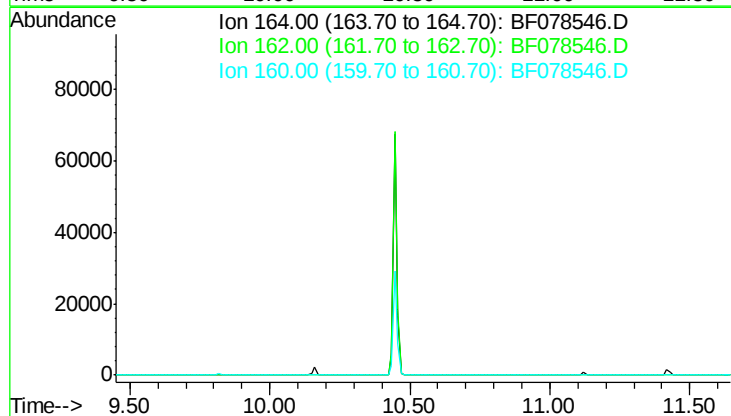
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02BRE

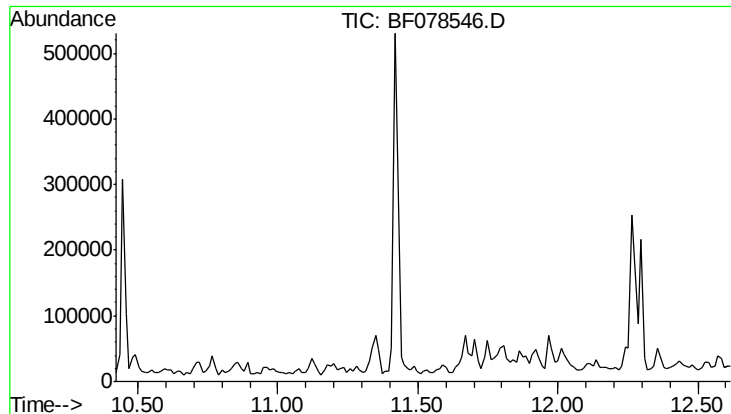
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 39.8
 54 51.9



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.55 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

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

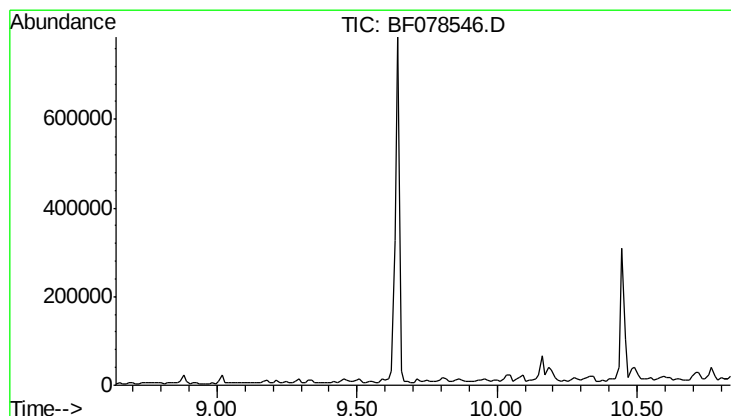
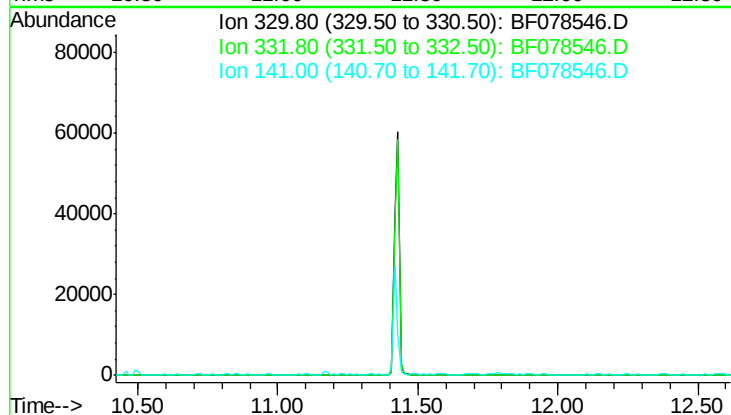




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.52 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

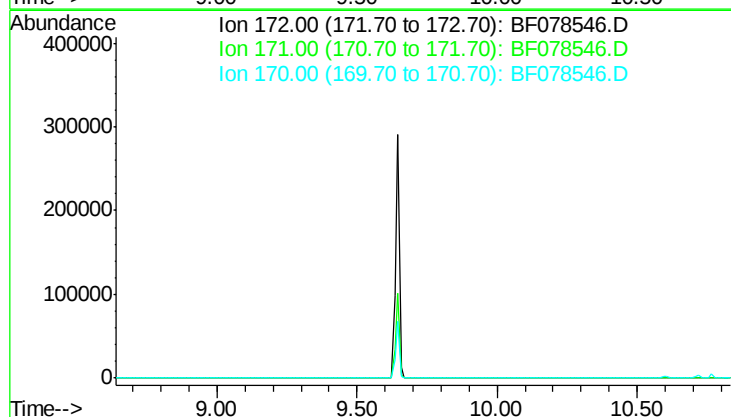
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02BRE

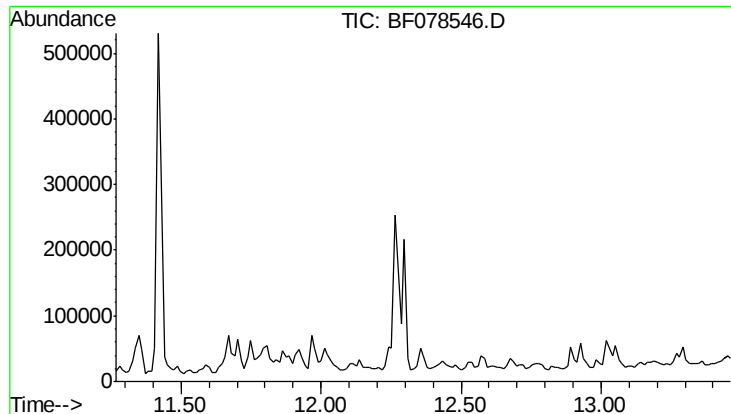
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 39.0



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.74 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

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

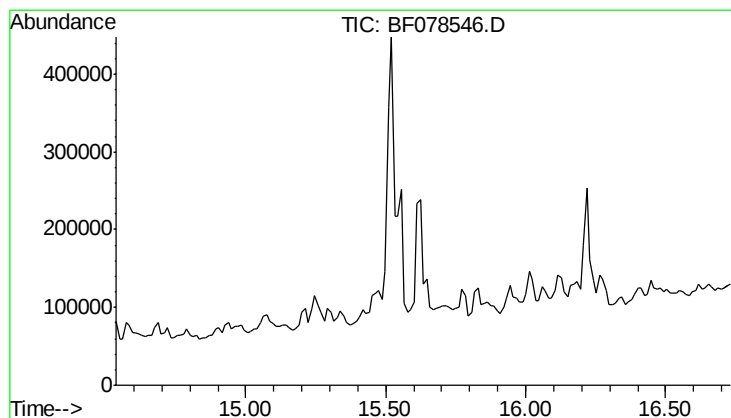
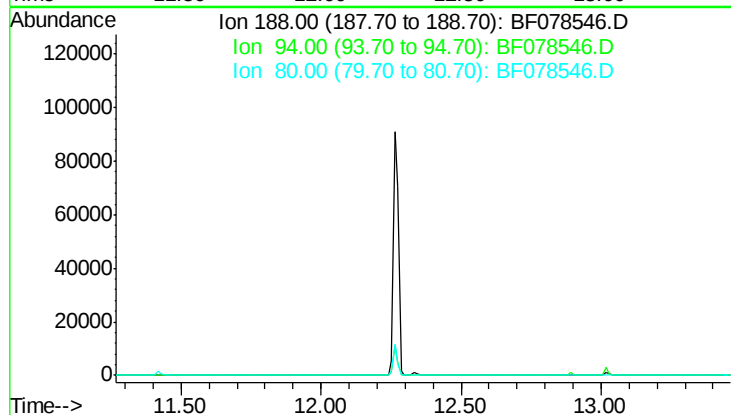




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.37 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

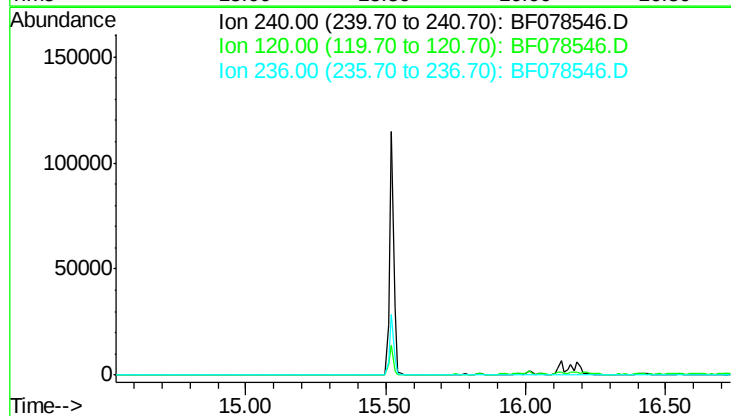
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02BRE

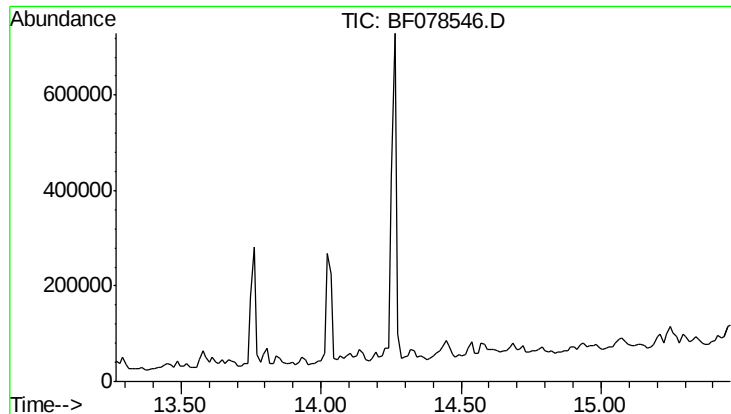
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 11.2
 80 11.9



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.63 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 8.9
 236 26.8

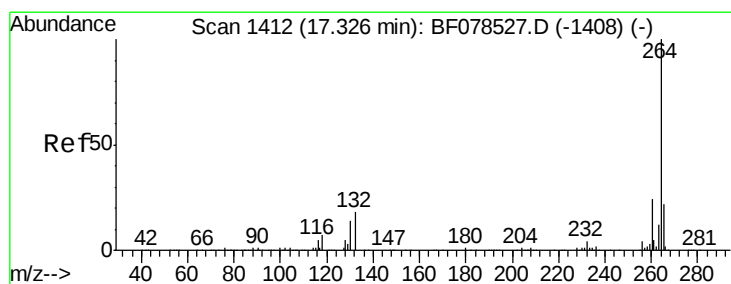
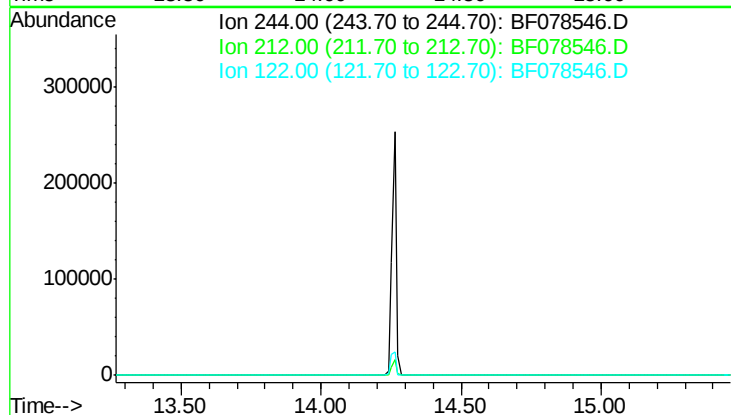




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.37 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

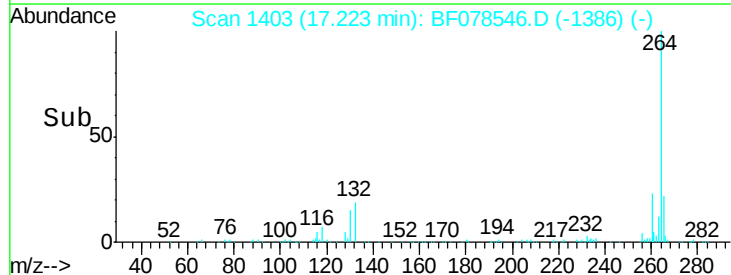
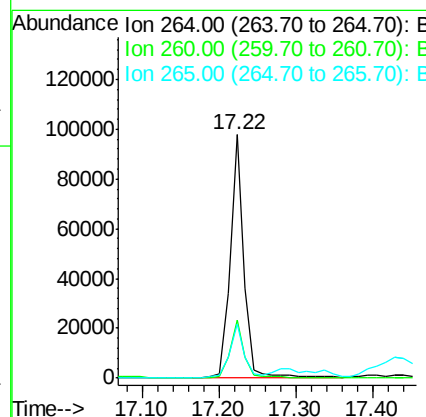
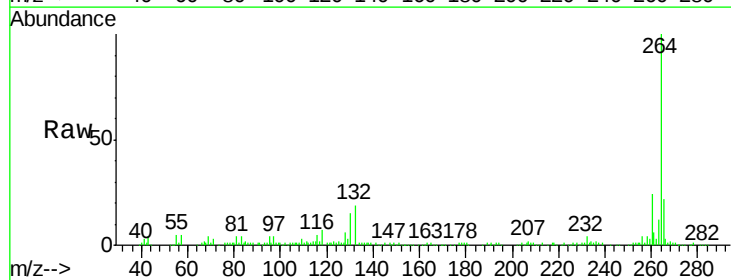
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02BRE

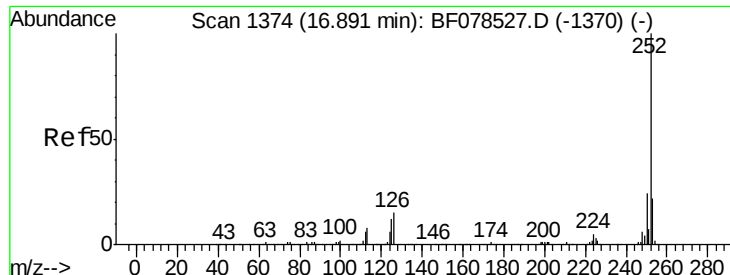
Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.2
 122 8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.22 min Scan# 1403
 Delta R.T. -0.10 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

Tgt Ion: 264 Resp: 125282
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 22.1 17.0 25.6

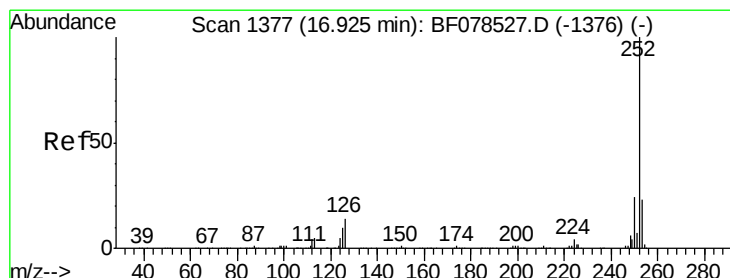
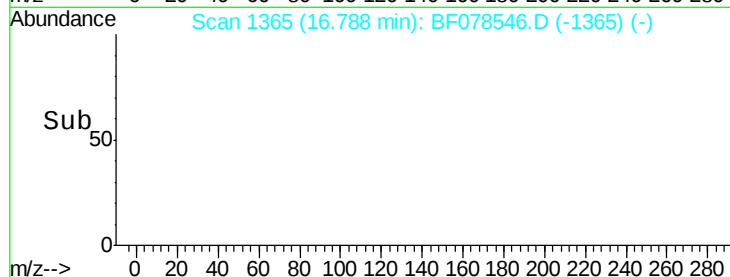
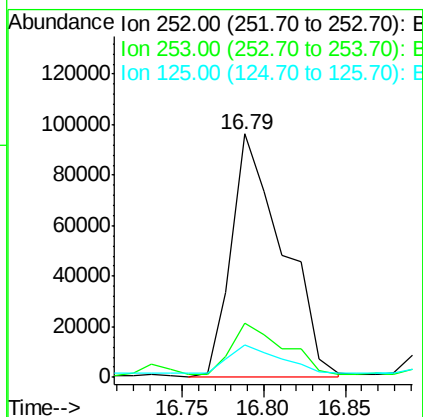
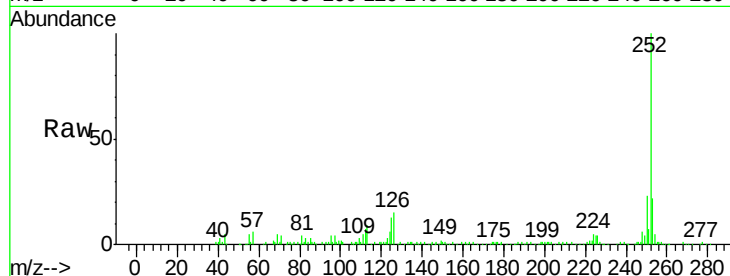




#87
Benzo(b)fluoranthene
Concen: 27.09 ng
RT: 16.79 min Scan# 1365
Delta R.T. -0.10 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

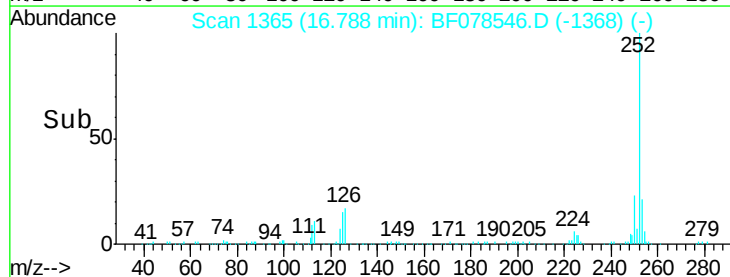
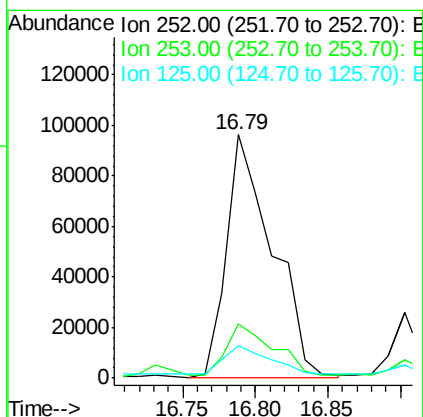
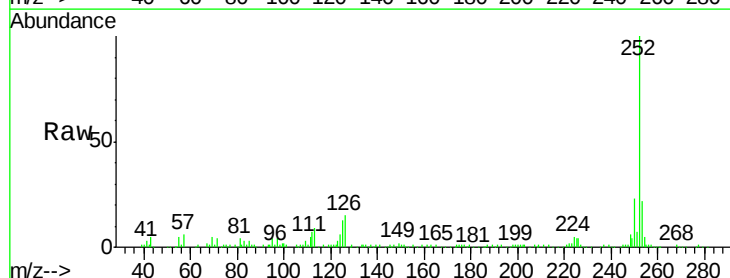
Instrument :
BNA_F
ClientSampleId :
LS-SD02BRE

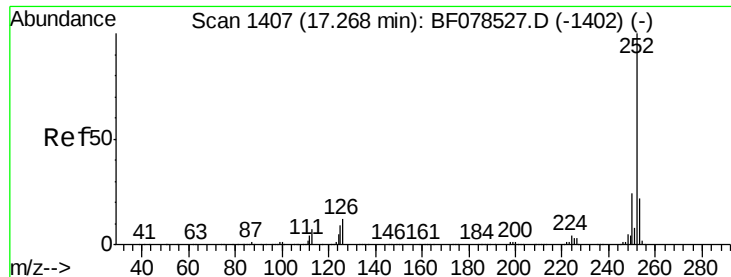
Tgt Ion:252 Resp: 209781
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 13.3 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 30.58 ng
RT: 16.79 min Scan# 1365
Delta R.T. -0.14 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Tgt Ion:252 Resp: 210395
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.3 11.6 17.4





#89

Benzo(a)pyrene

Concen: 20.44 ng

RT: 17.15 min Scan# 1397

Delta R.T. -0.11 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Instrument :

BNA_F

ClientSampleId :

LS-SD02BRE

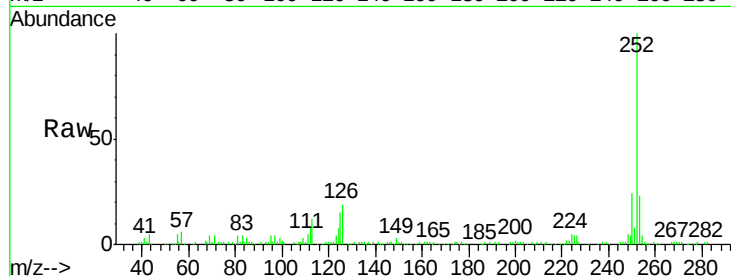
Tgt Ion: 252 Resp: 138109

Ion Ratio Lower Upper

252 100

253 23.4 16.8 25.2

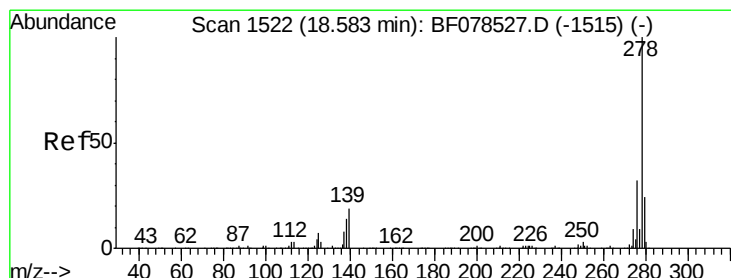
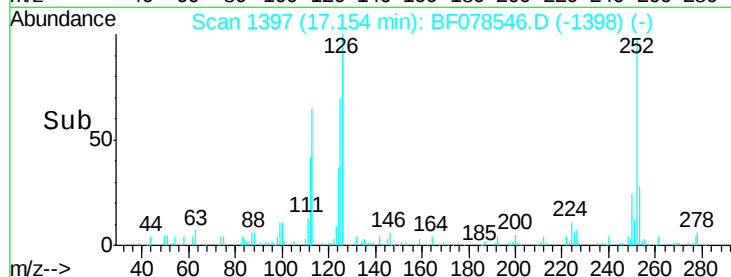
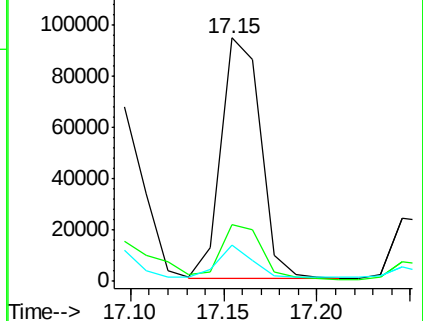
125 15.1 7.4 11.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 3.83 ng

RT: 18.45 min Scan# 1510

Delta R.T. -0.14 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

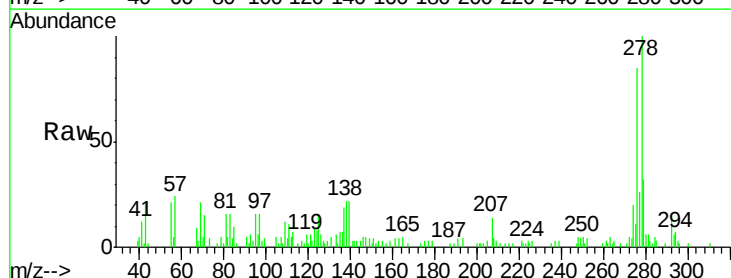
Tgt Ion: 278 Resp: 25886

Ion Ratio Lower Upper

278 100

139 22.5 13.6 20.4#

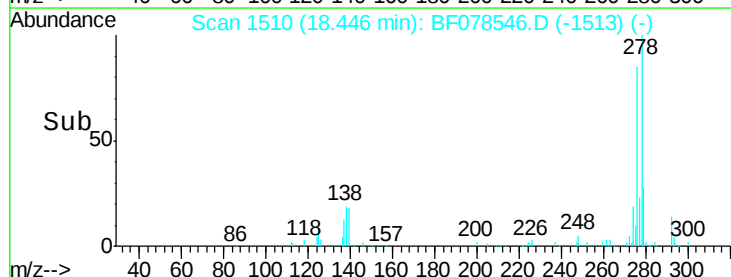
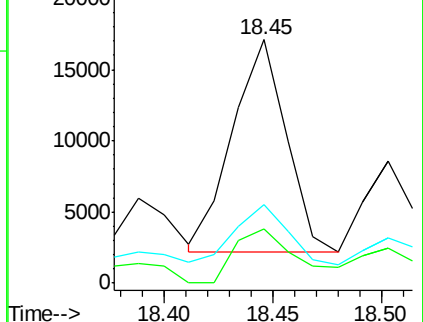
279 32.5 19.0 28.6#

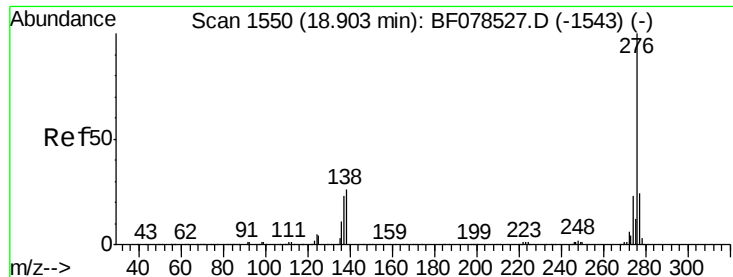


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 15.43 ng

RT: 18.75 min Scan# 1537

Delta R.T. -0.15 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Instrument :

BNA_F

ClientSampleId :

LS-SD02BRE

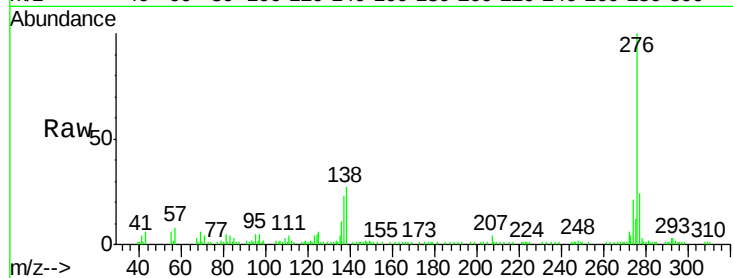
Tgt Ion: 276 Resp: 104655

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 26.8 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

