

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041615\
 Data File : BF078562.D
 Acq On : 16 Apr 2015 13:00
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 17 00:58:23 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

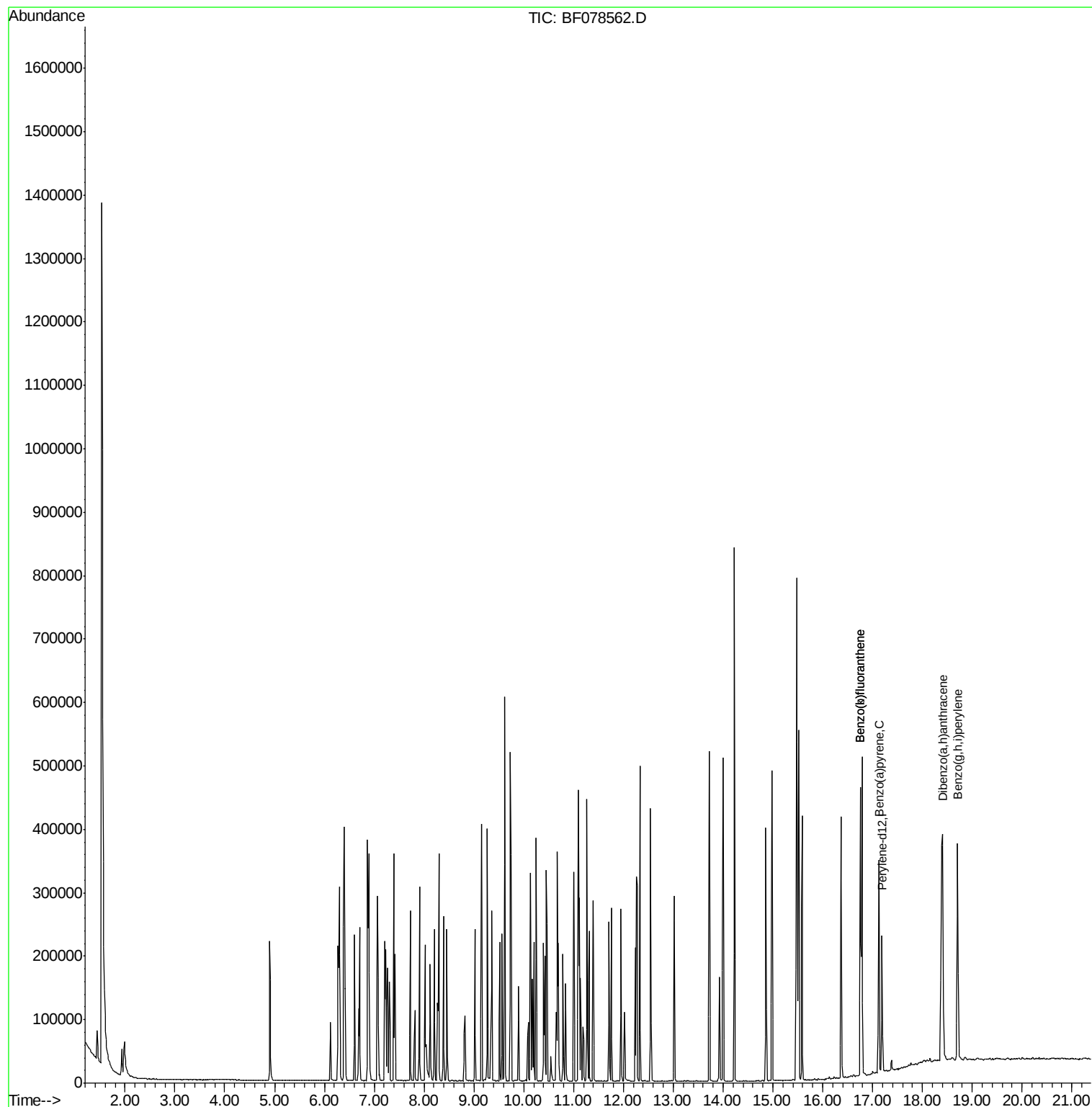
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.81
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.39
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.55
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.37
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.63
86) Perylene-d12	17.19	264	93394	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.42	99	3098	0.00	ng	0.01
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	9.71	172	254	0.00	ng	-0.02
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
87) Benzo(b)fluoranthene	16.75	252	265911	46.07	ng	# 98
88) Benzo(k)fluoranthene	16.75	252	265898	51.84	ng	# 97
89) Benzo(a)pyrene	17.13	252	215847	42.85	ng	99
90) Dibenzo(a,h)anthracene	18.41	278	220365	43.69	ng	98
91) Benzo(g,h,i)perylene	18.71	276	212328	41.99	ng	98

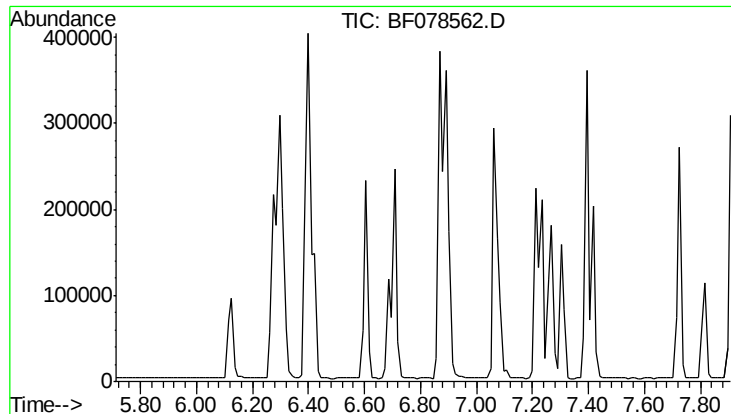
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.81 min

Lab File: BF078562.D

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SSTDCCC040

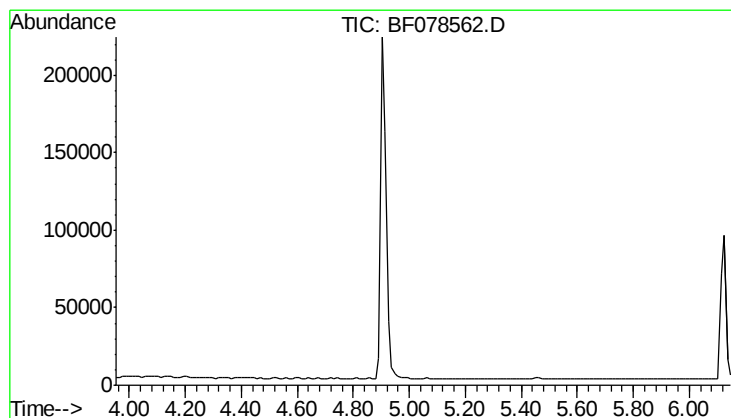
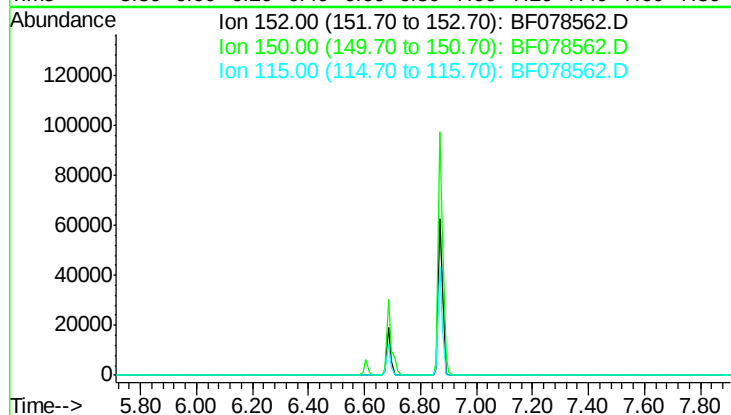
Tgt Ion: 152

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: BF078562.D

Acq: 16 Apr 2015 13:00

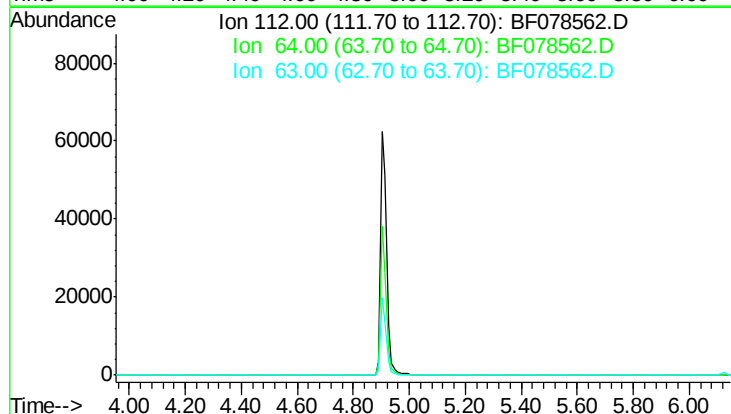
Tgt Ion: 112

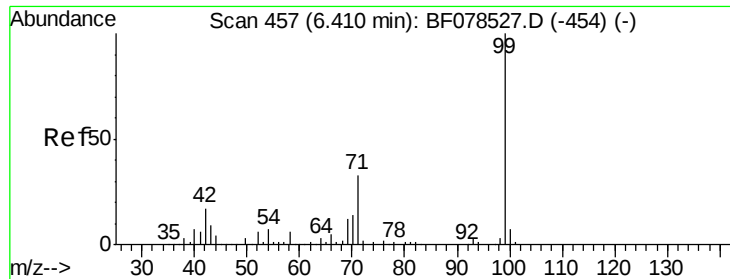
Sig Exp Ratio

112 100

64 49.9

63 25.3





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.42 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF078562.D

Acq: 16 Apr 2015 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

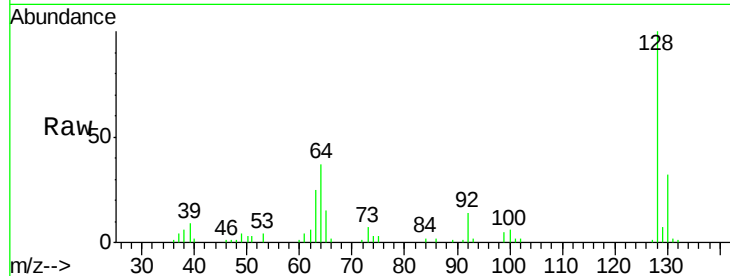
Tgt Ion: 99 Resp: 3098

Ion Ratio Lower Upper

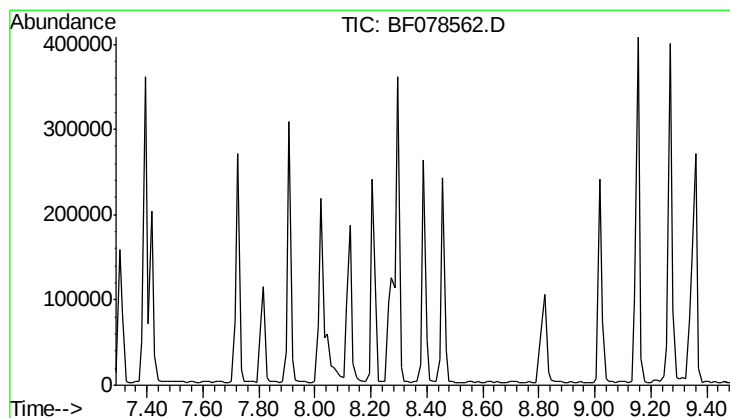
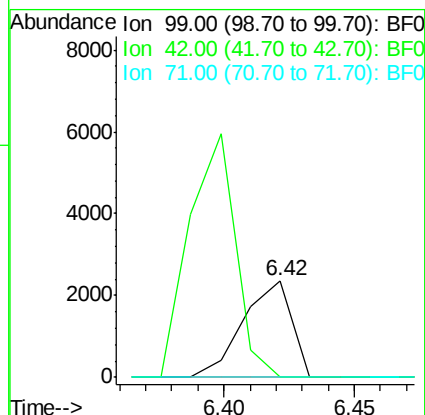
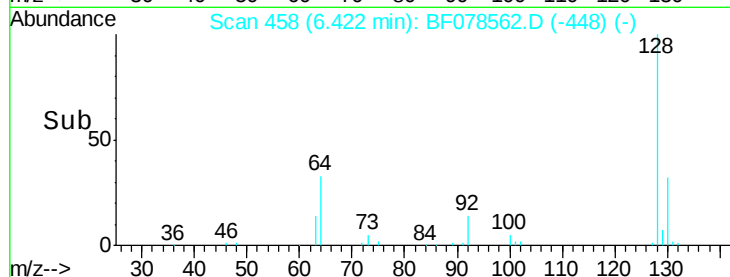
99 100

42 0.0 14.8 22.2#

71 0.0 26.6 39.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.39 min

Lab File: BF078562.D

Acq: 16 Apr 2015 13:00

Tgt Ion: 136

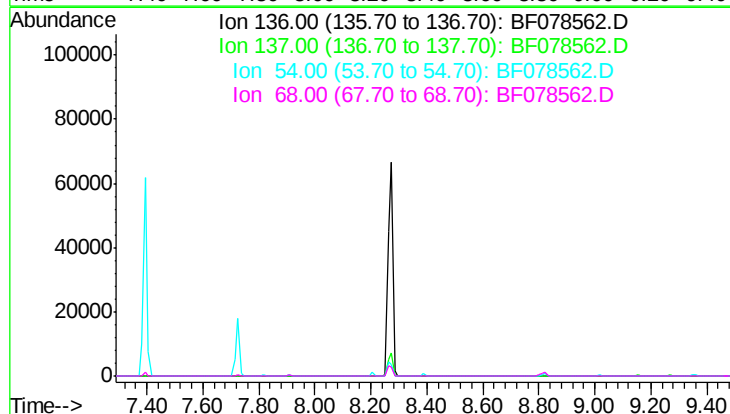
Sig Exp Ratio

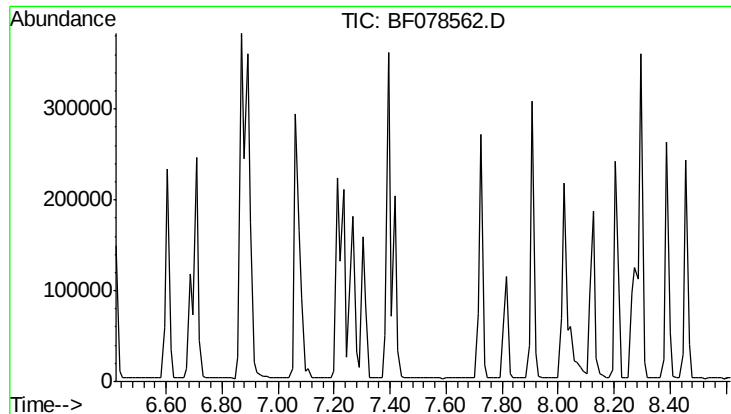
136 100

137 11.2

54 8.8

68 6.8

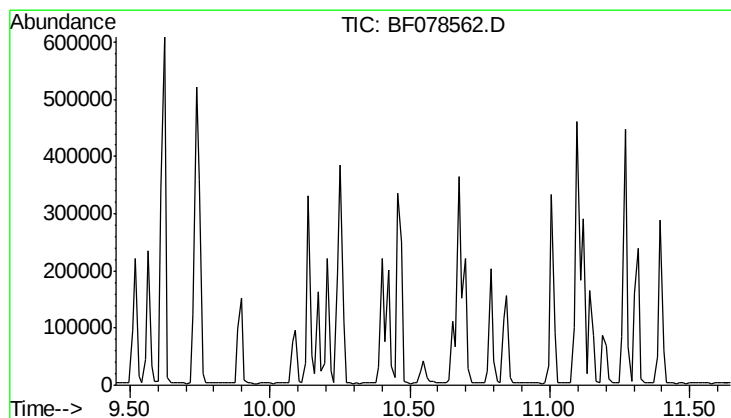
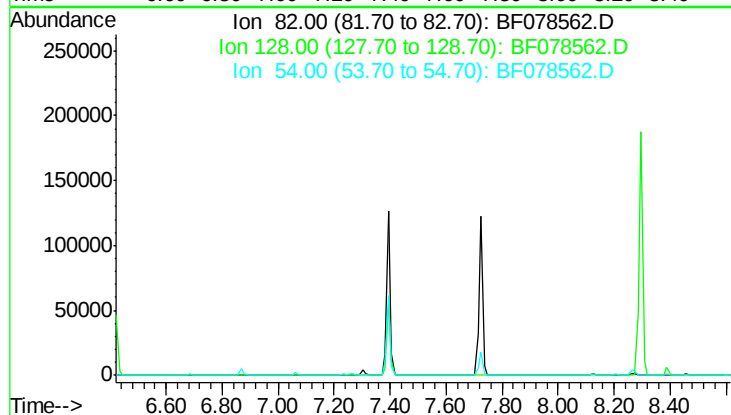




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.52 min
 Lab File: BF078562.D
 Acq: 16 Apr 2015 13:00

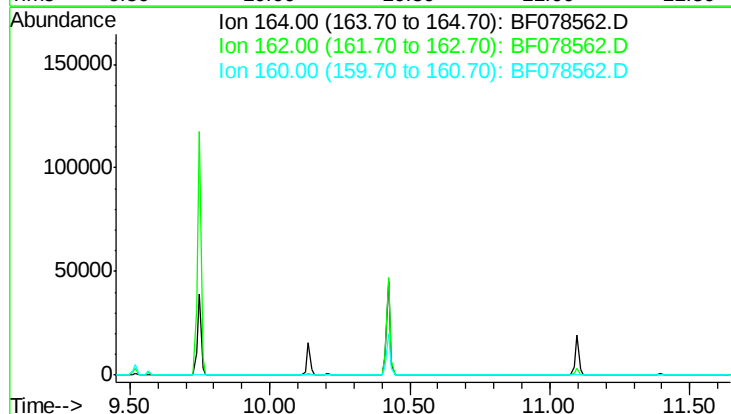
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

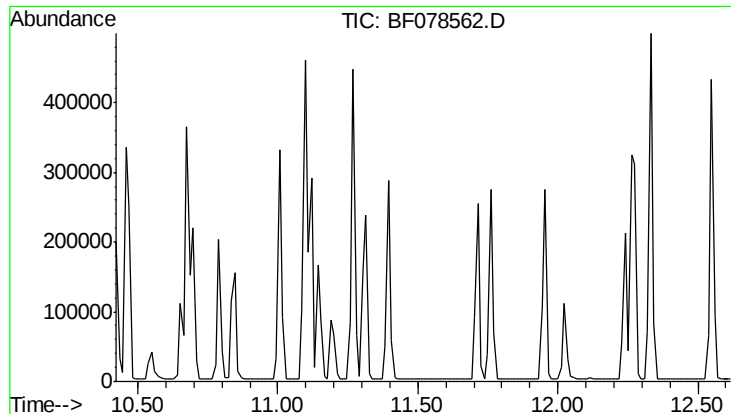
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 39.8
 54 51.9



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.55 min
 Lab File: BF078562.D
 Acq: 16 Apr 2015 13:00

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

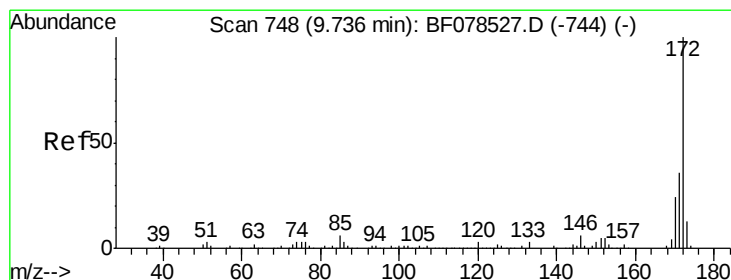
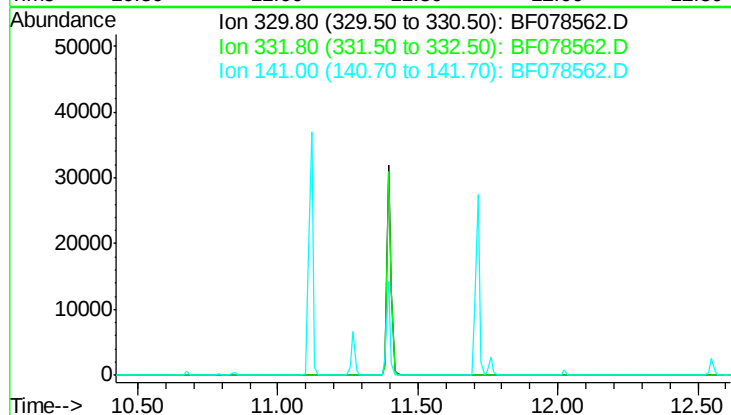




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.52 min
 Lab File: BF078562.D
 Acq: 16 Apr 2015 13:00

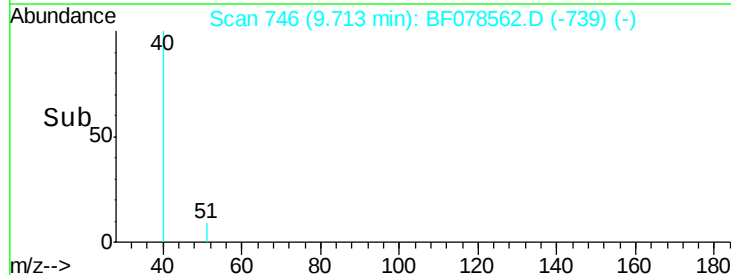
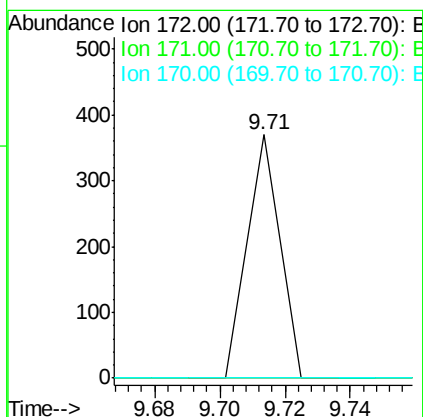
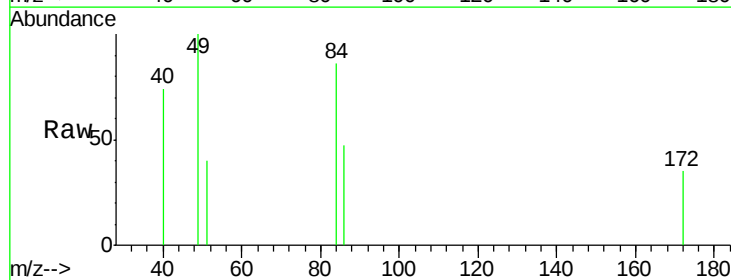
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

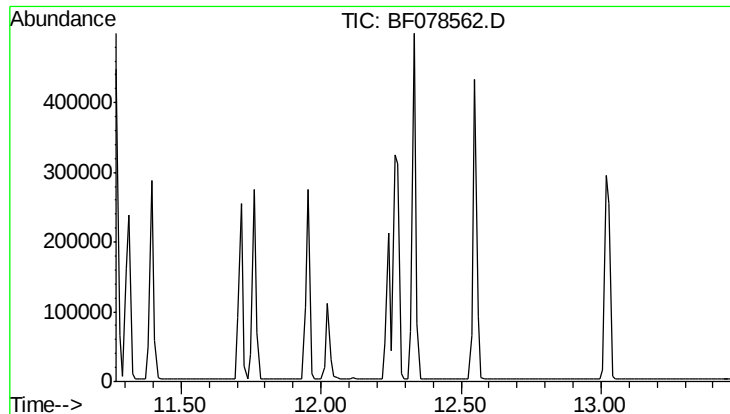
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 39.0



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 9.71 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF078562.D
 Acq: 16 Apr 2015 13:00

Tgt Ion: 172 Resp: 254
 Ion Ratio Lower Upper
 172 100
 171 0.0 28.6 42.8#
 170 0.0 18.5 27.7#

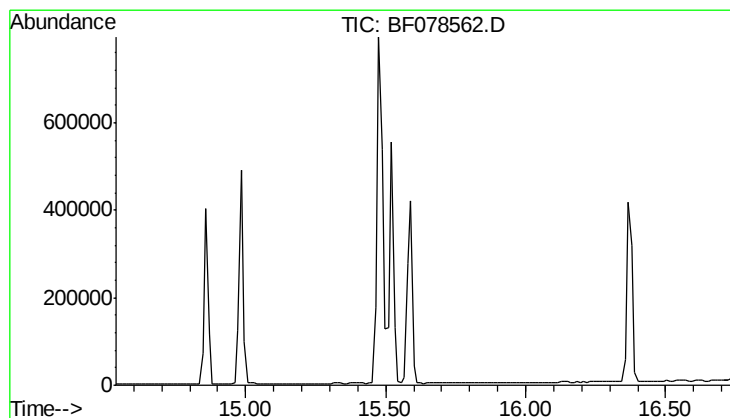
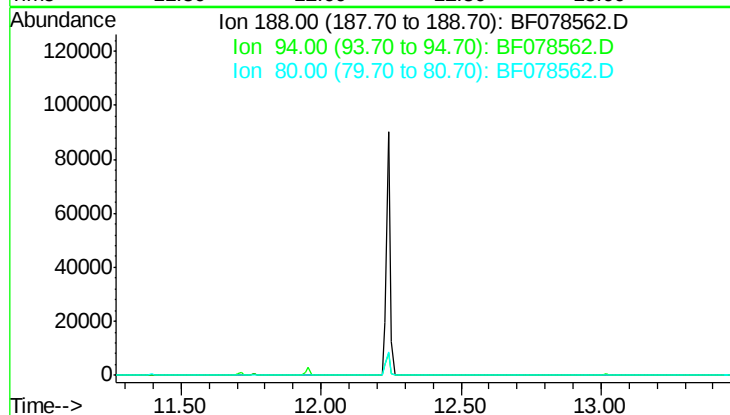




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.37 min
 Lab File: BF078562.D
 Acq: 16 Apr 2015 13:00

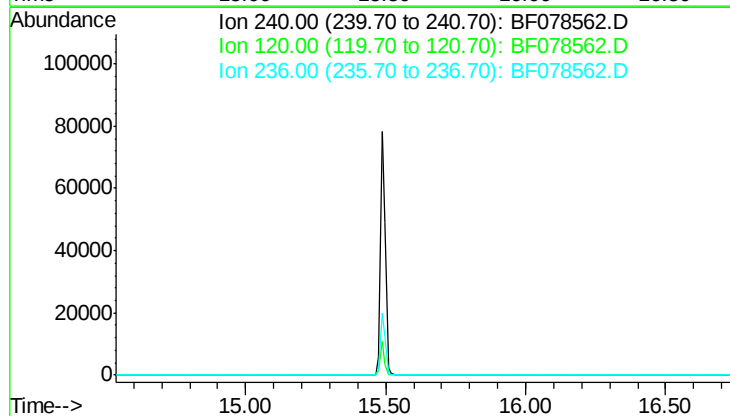
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

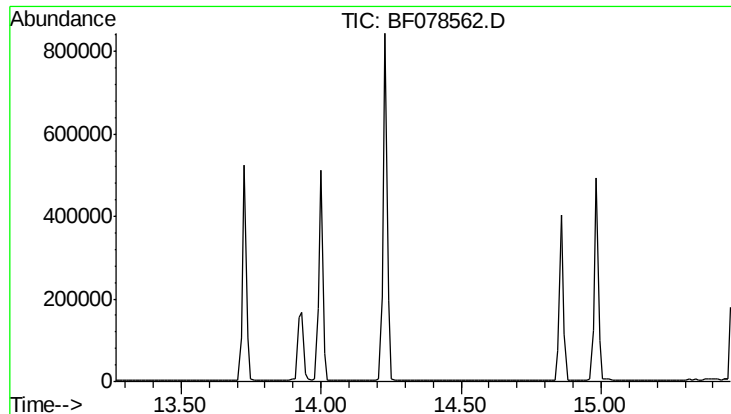
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 11.2
 80 11.9



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.63 min
 Lab File: BF078562.D
 Acq: 16 Apr 2015 13:00

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

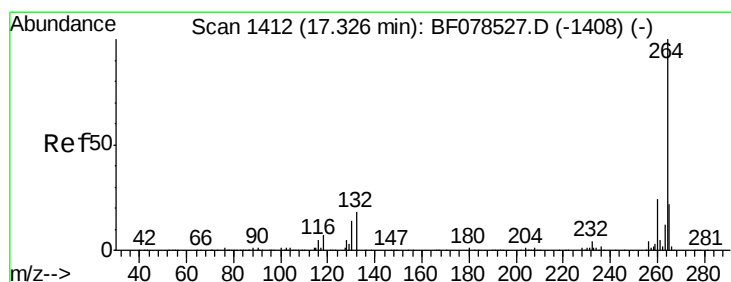
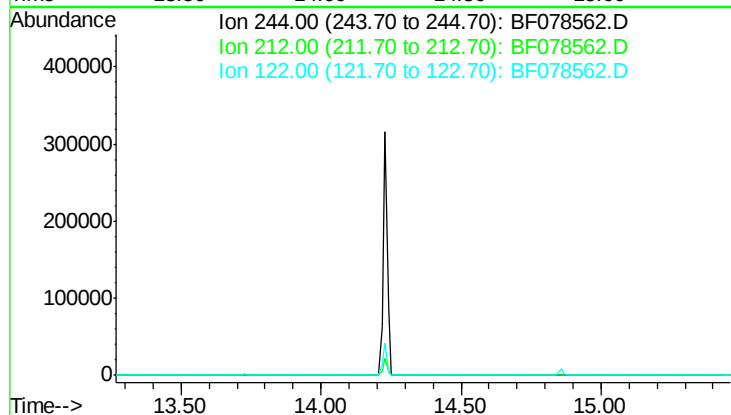




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.37 min
 Lab File: BF078562.D
 Acq: 16 Apr 2015 13:00

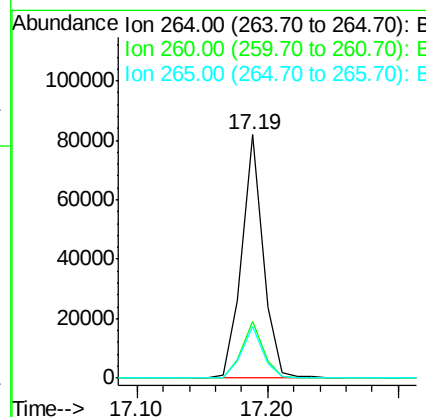
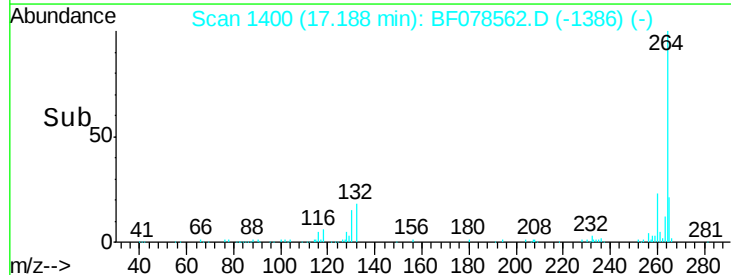
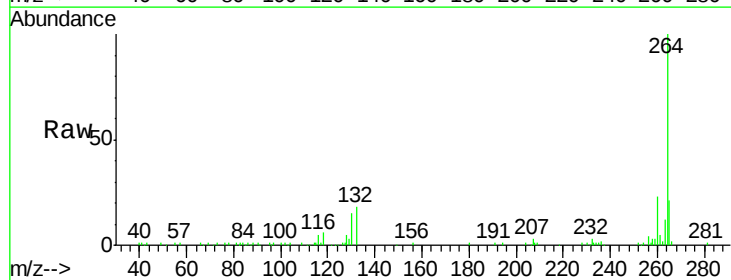
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

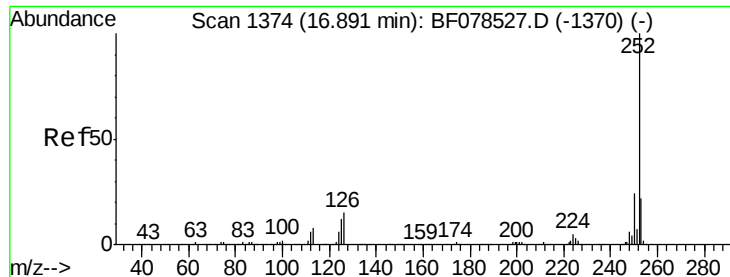
Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.2
 122 8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.19 min Scan# 1400
 Delta R.T. -0.14 min
 Lab File: BF078562.D
 Acq: 16 Apr 2015 13:00

Tgt Ion: 264 Resp: 93394
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.3 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 46.07 ng

RT: 16.75 min Scan# 1362

Delta R.T. -0.14 min

Lab File: BF078562.D

Acq: 16 Apr 2015 13:00

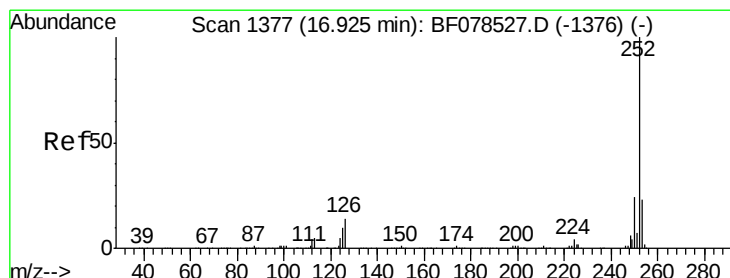
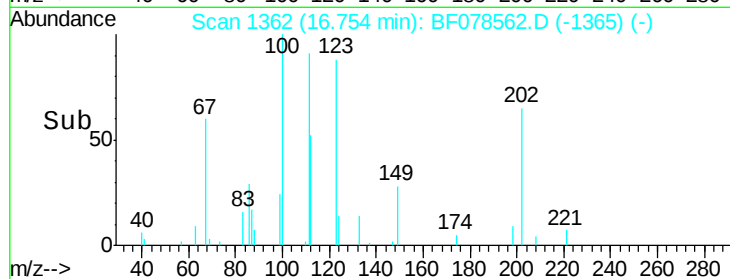
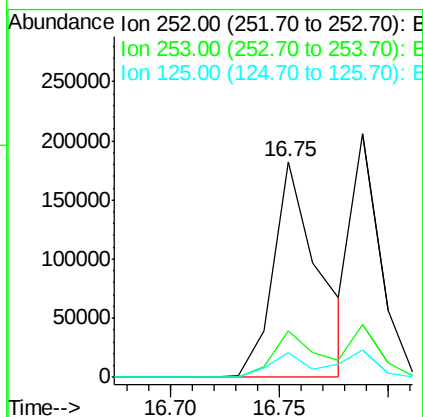
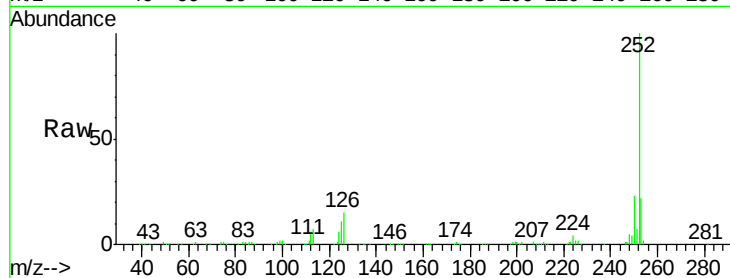
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	265911
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	11.4	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 51.84 ng

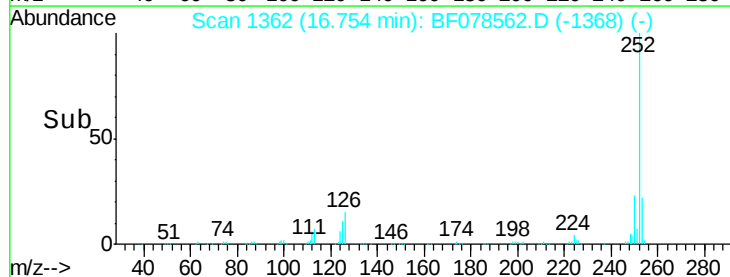
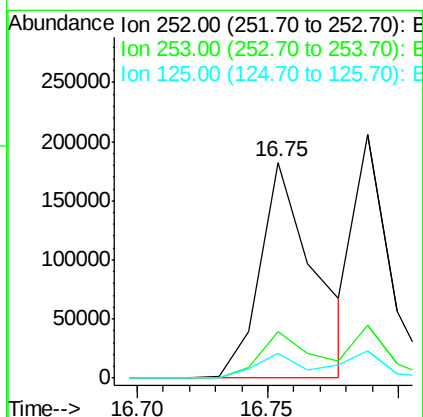
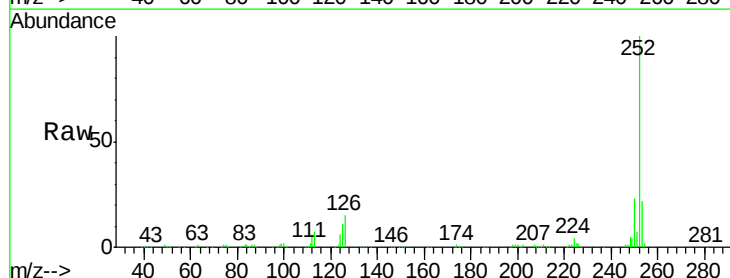
RT: 16.75 min Scan# 1362

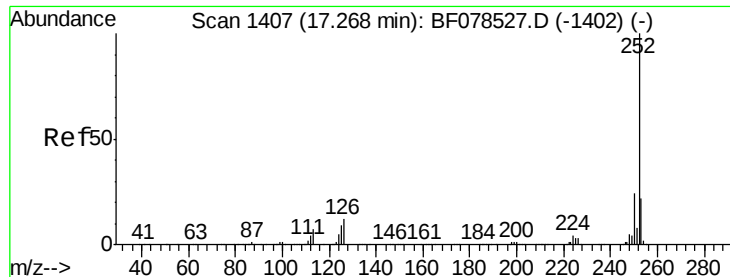
Delta R.T. -0.17 min

Lab File: BF078562.D

Acq: 16 Apr 2015 13:00

Tgt Ion:	252	Resp:	265898
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	11.4	11.6	17.4#





#89

Benzo(a)pyrene

Concen: 42.85 ng

RT: 17.13 min Scan# 1395

Delta R.T. -0.14 min

Lab File: BF078562.D

Acq: 16 Apr 2015 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

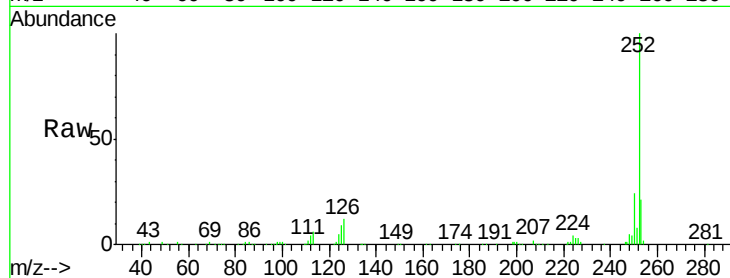
Tgt Ion:252 Resp: 215847

Ion Ratio Lower Upper

252 100

253 20.9 16.8 25.2

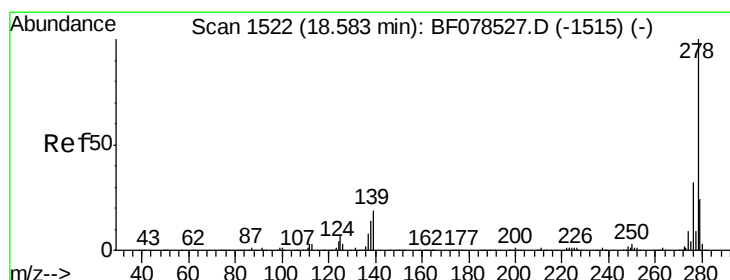
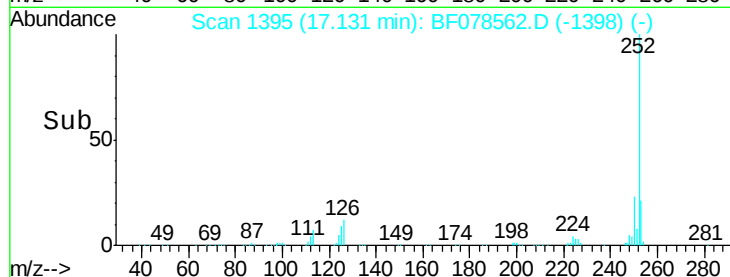
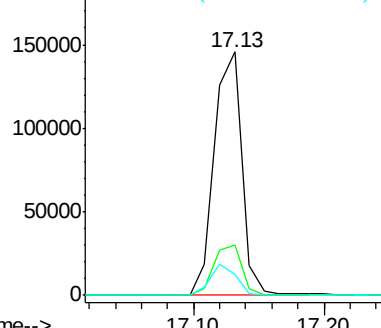
125 8.7 7.4 11.0



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: 43.69 ng

RT: 18.41 min Scan# 1507

Delta R.T. -0.17 min

Lab File: BF078562.D

Acq: 16 Apr 2015 13:00

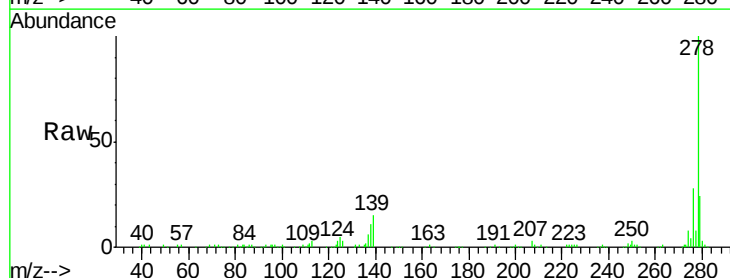
Tgt Ion:278 Resp: 220365

Ion Ratio Lower Upper

278 100

139 15.1 13.6 20.4

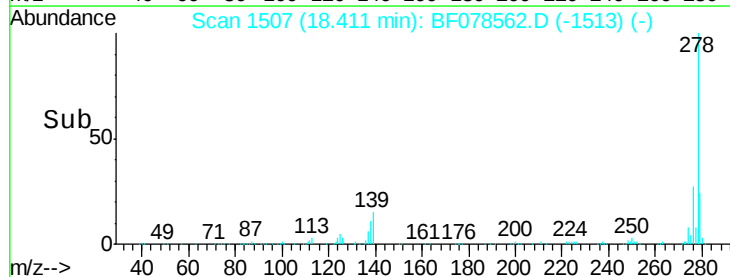
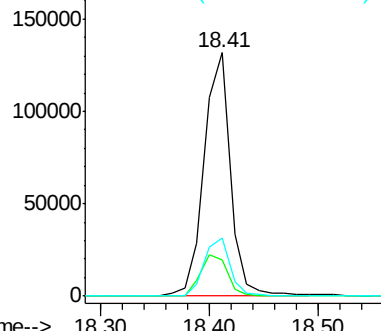
279 23.8 19.0 28.6

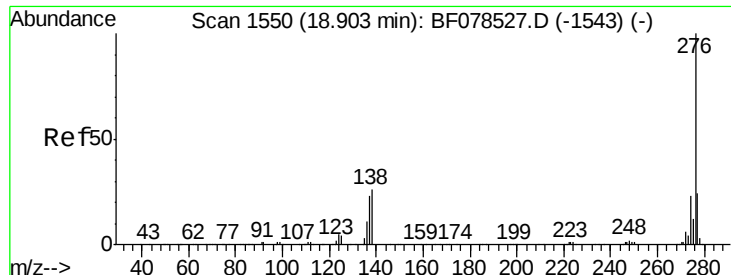


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.99 ng

RT: 18.71 min Scan# 1533

Delta R.T. -0.19 min

Lab File: BF078562.D

Acq: 16 Apr 2015 13:00

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SSTDCCC040

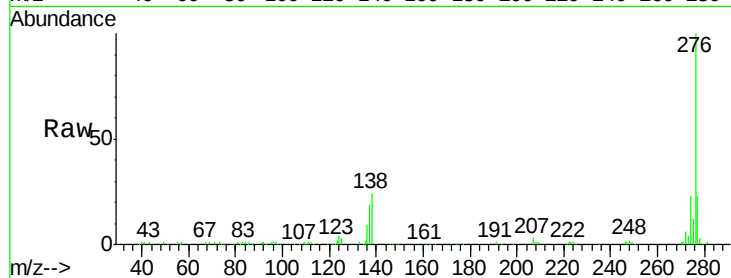
Tgt Ion: 276 Resp: 212328

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 23.6 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

