

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078541.D
 Acq On : 15 Apr 2015 17:47
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 16 09:02:32 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

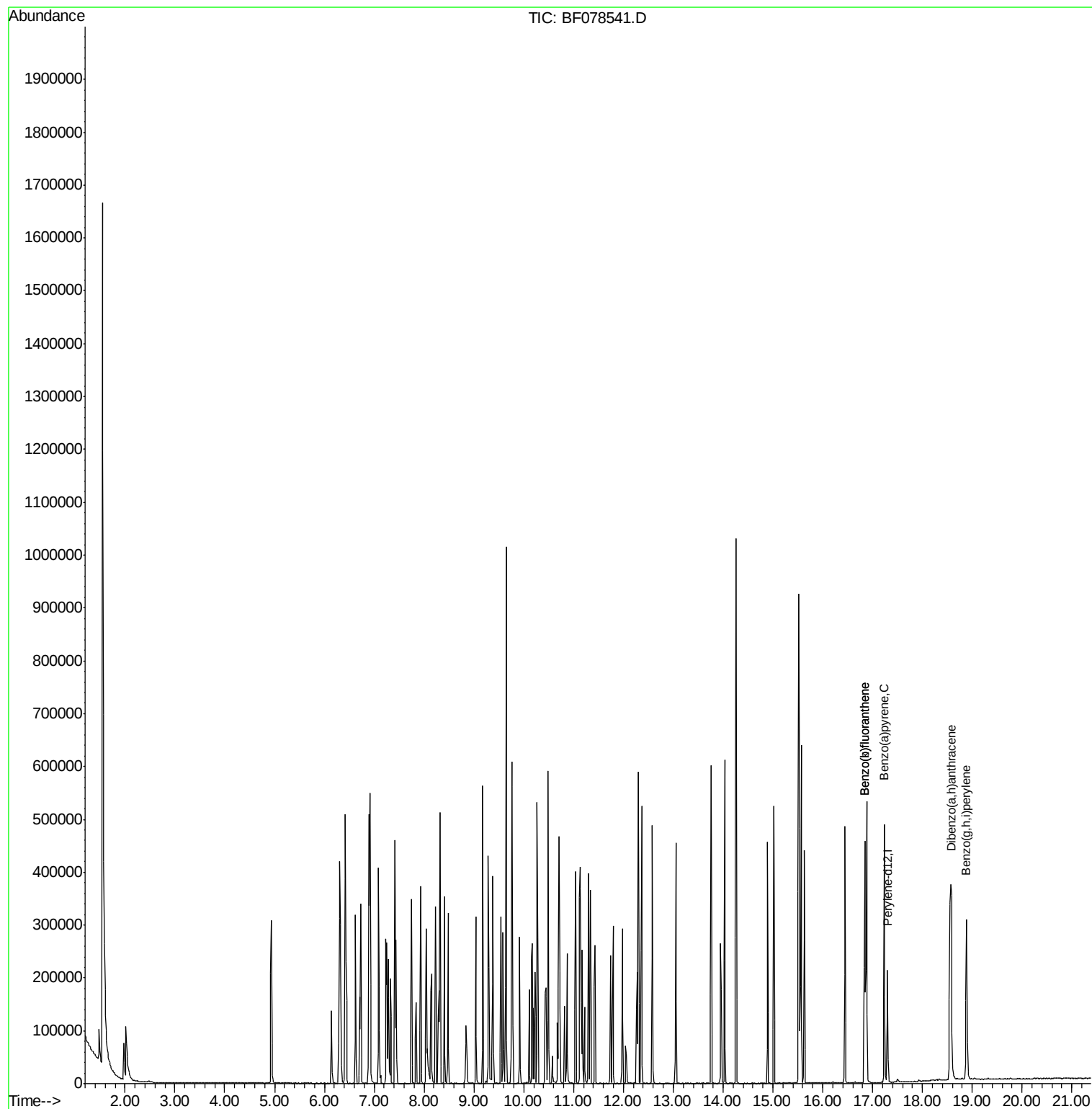
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.81
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.39
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.55
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.37
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.63
86) Perylene-d12	17.30	264	104181	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.43	99	4343	0.00	ng	0.02
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	16.85	252	297958	46.28	ng	# 97
88) Benzo(k)fluoranthene	16.85	252	279630	48.87	ng	# 96
89) Benzo(a)pyrene	17.23	252	237210	42.21	ng	# 96
90) Dibenzo(a,h)anthracene	18.58	278	228285	40.58	ng	98
91) Benzo(g,h,i)perylene	18.88	276	231782	41.09	ng	98

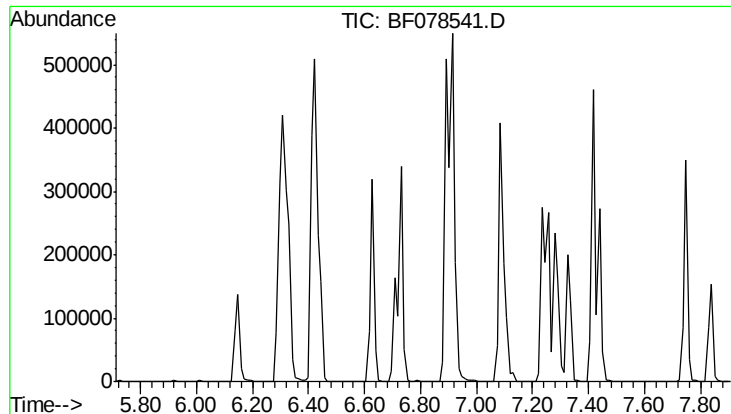
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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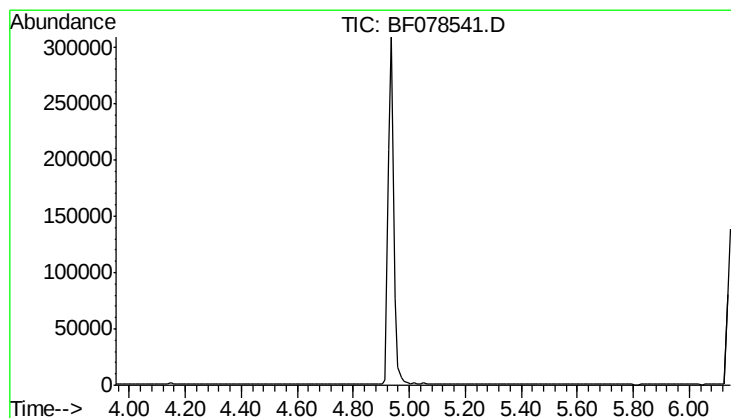
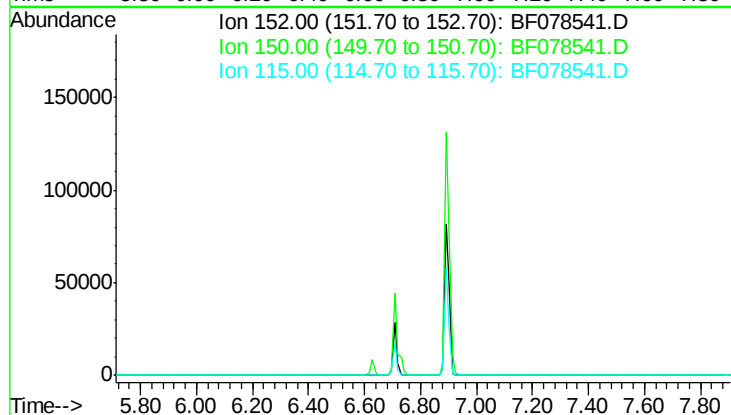




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.81 min
 Lab File: BF078541.D
 Acq: 15 Apr 2015 17:47

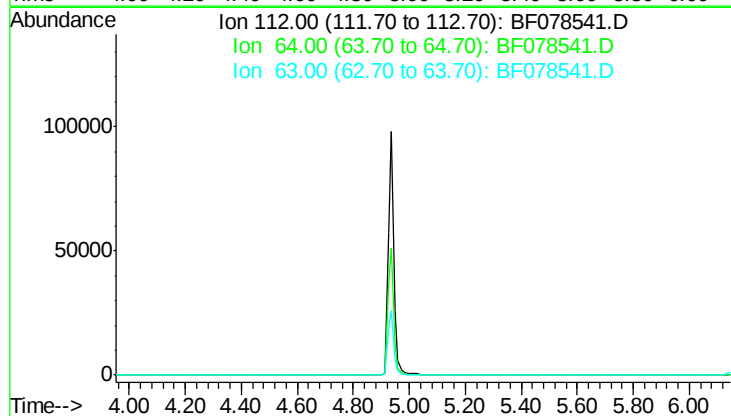
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

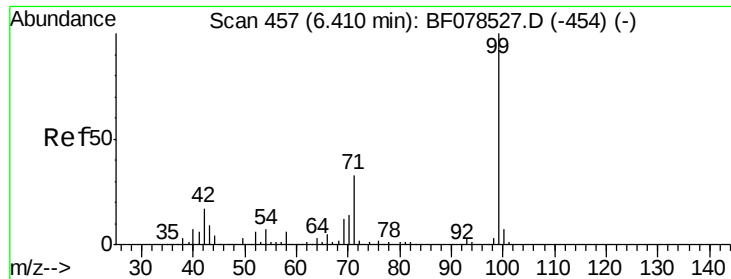
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 157.4
 115 65.9



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.05 min
 Lab File: BF078541.D
 Acq: 15 Apr 2015 17:47

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 49.9
 63 25.3





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.02 min

Lab File: BF078541.D

Acq: 15 Apr 2015 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

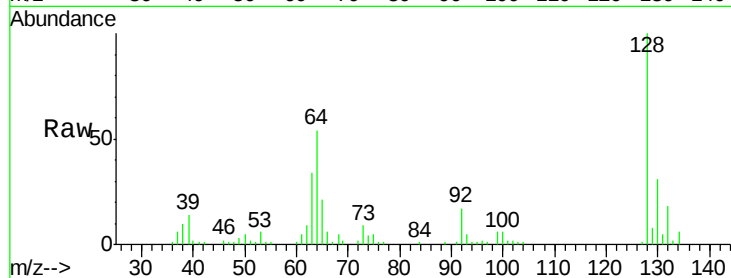
Tgt Ion: 99 Resp: 4343

Ion Ratio Lower Upper

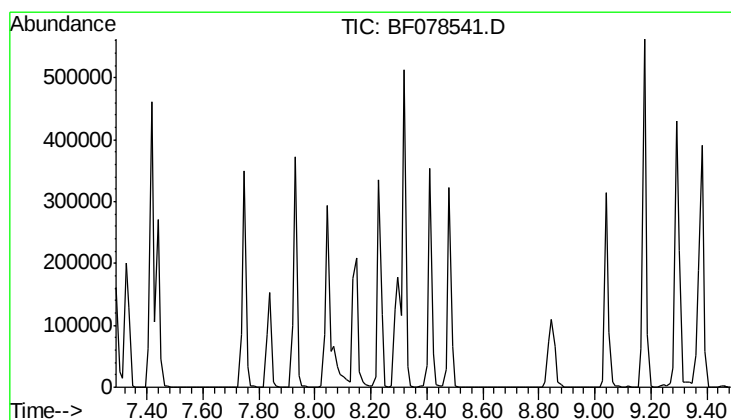
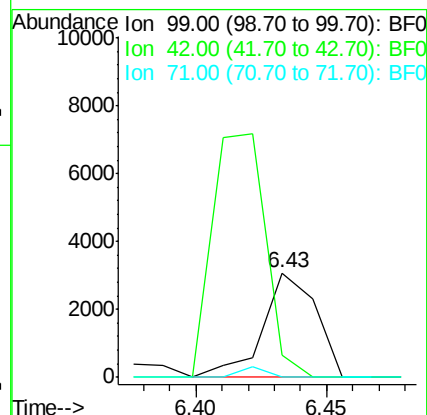
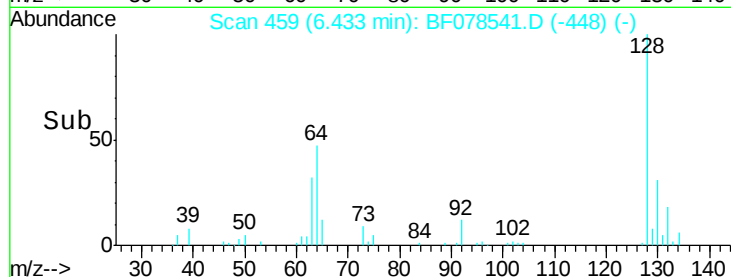
99 100

42 20.8 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: BF078541.D

Acq: 15 Apr 2015 17:47

Tgt Ion: 136

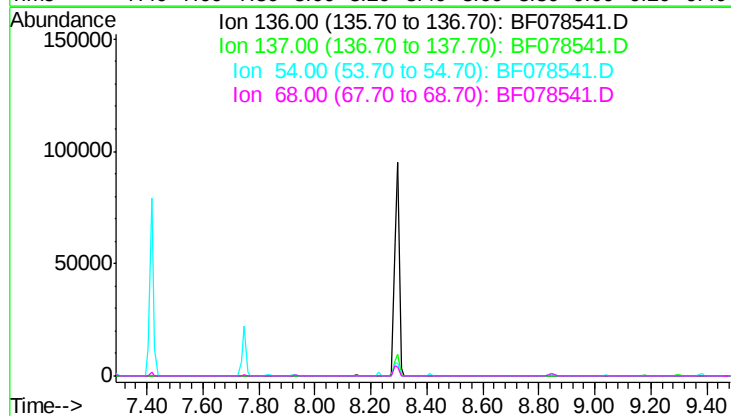
Sig Exp Ratio

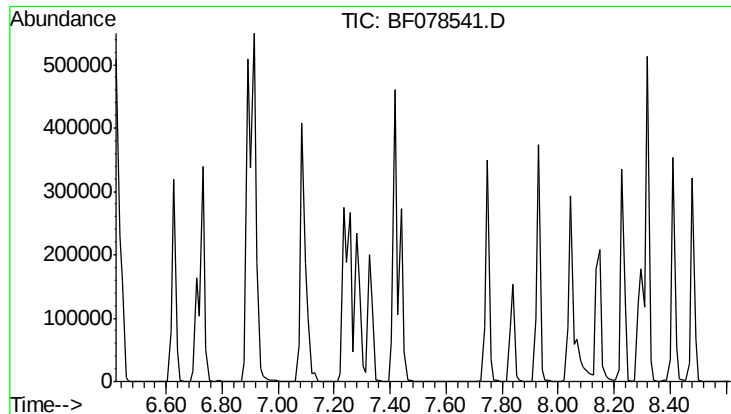
136 100

137 11.2

54 8.8

68 6.8

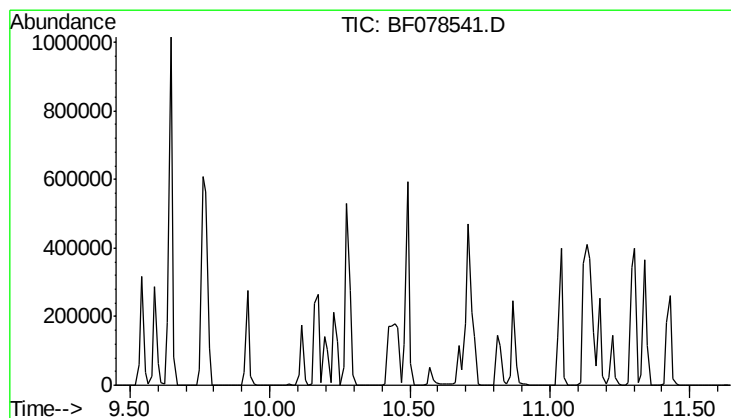
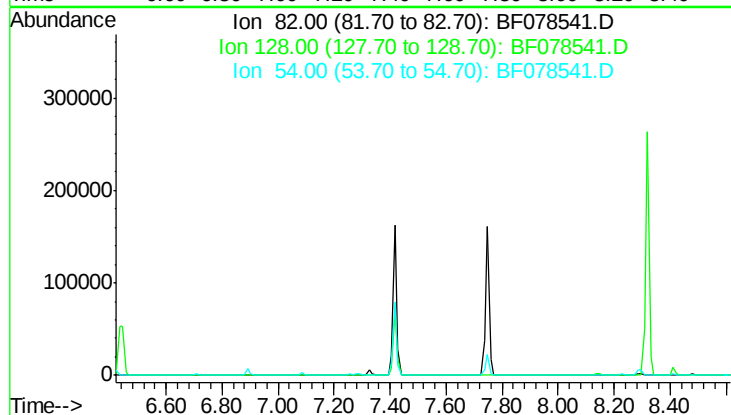




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.52 min
 Lab File: BF078541.D
 Acq: 15 Apr 2015 17:47

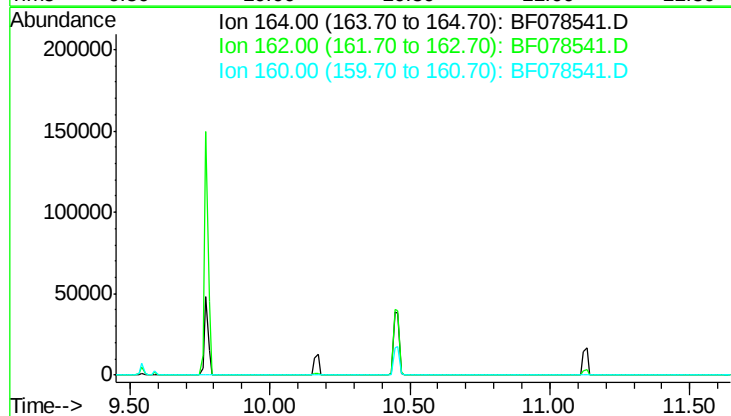
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

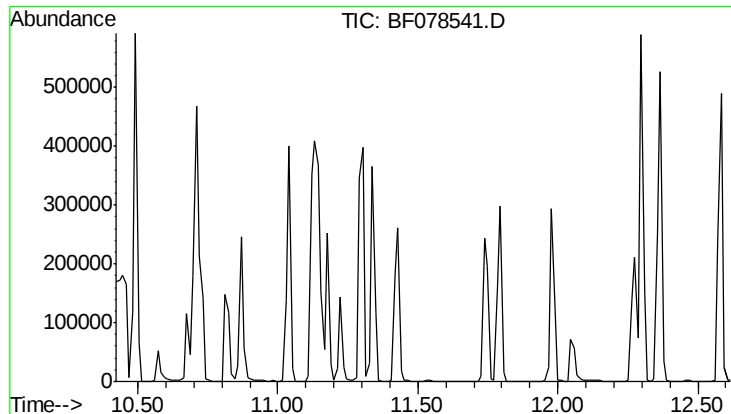
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 39.8
 54 51.9



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.55 min
 Lab File: BF078541.D
 Acq: 15 Apr 2015 17:47

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: BF078541.D

Acq: 15 Apr 2015 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

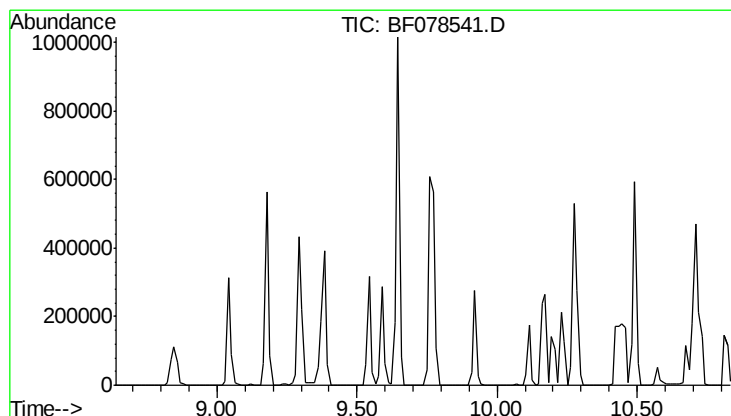
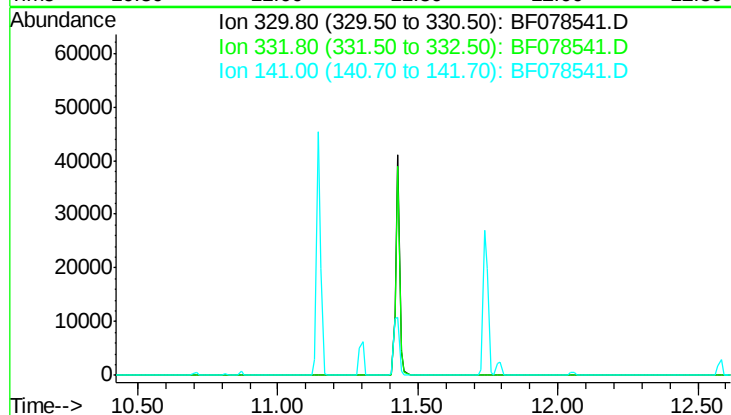
Tgt Ion: 330

Sig Exp Ratio

330 100

332 98.2

141 39.0



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.74 min

Lab File: BF078541.D

Acq: 15 Apr 2015 17:47

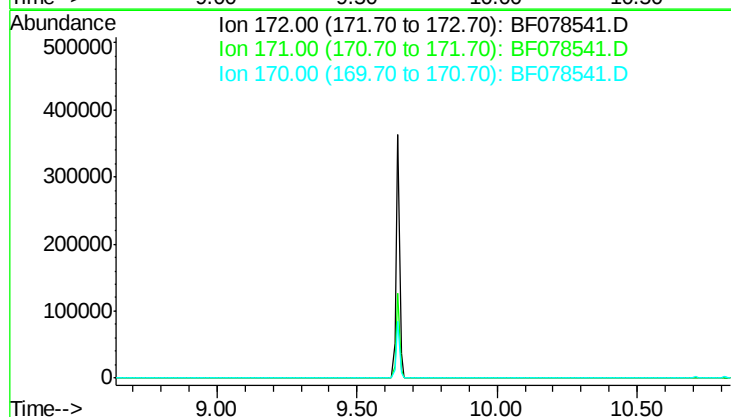
Tgt Ion: 172

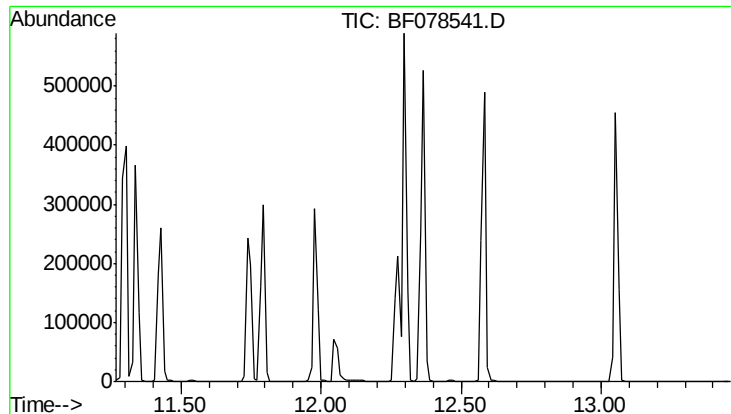
Sig Exp Ratio

172 100

171 35.7

170 23.1



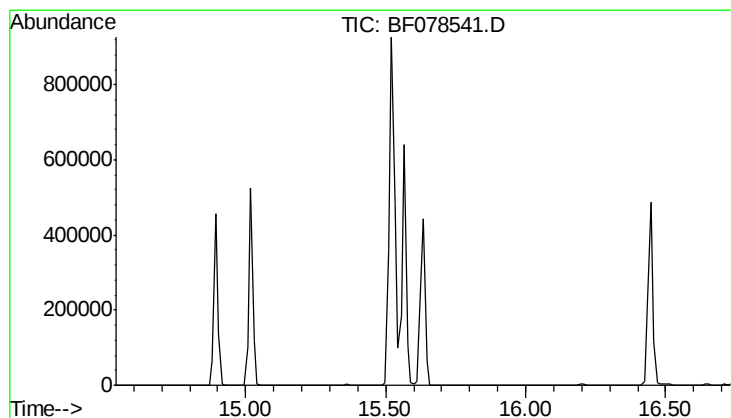
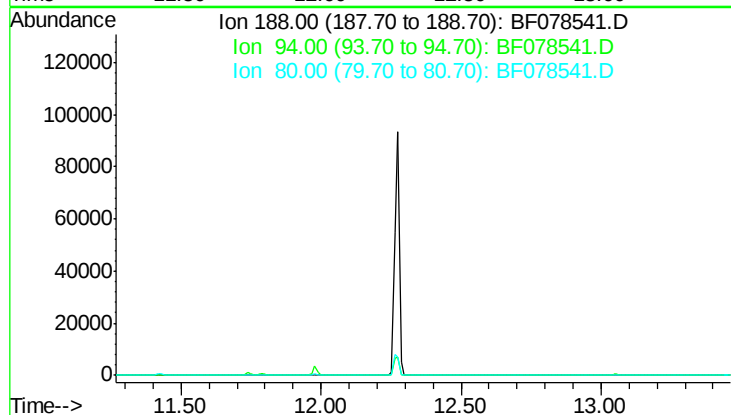


#63
Phenanthrene-d10
Concen: 0.00 ng
Expected RT: 12.37 min

Lab File: BF078541.D
Acq: 15 Apr 2015 17:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

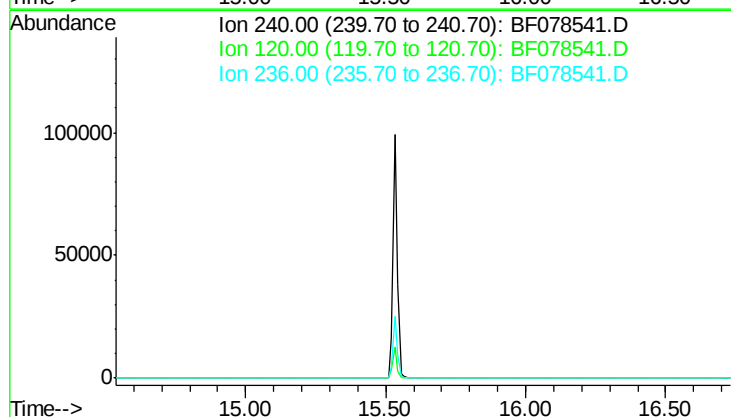
Tgt Ion: 188
Sig Exp Ratio
188 100
94 11.2
80 11.9

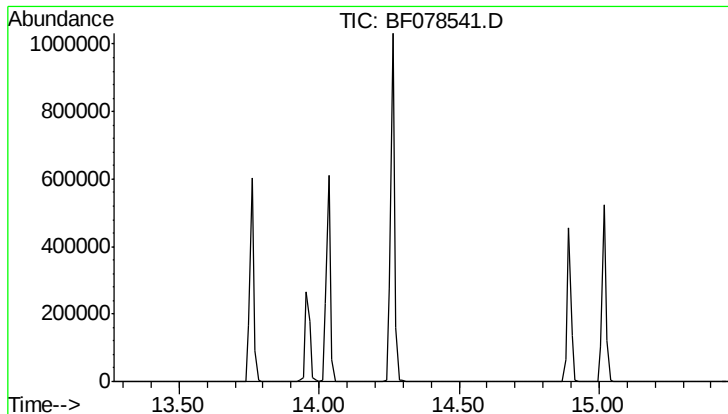


#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 15.63 min

Lab File: BF078541.D
Acq: 15 Apr 2015 17:47

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

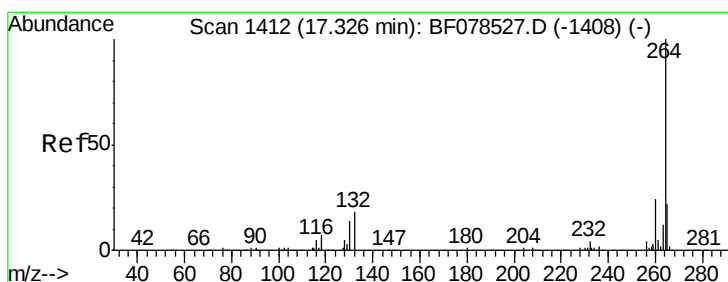
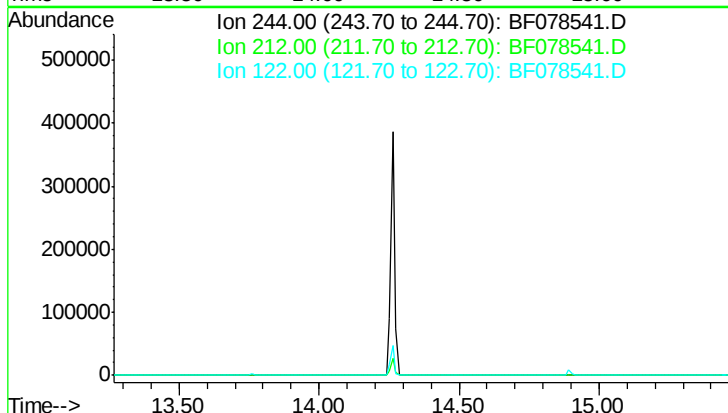




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.37 min
 Lab File: BF078541.D
 Acq: 15 Apr 2015 17:47

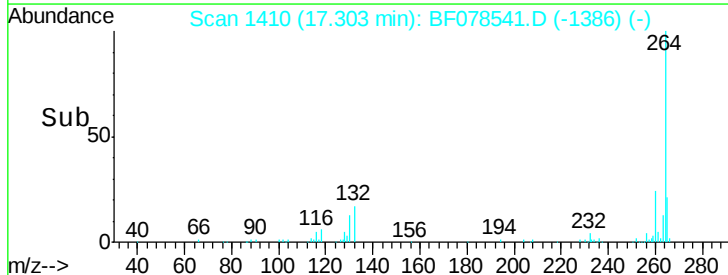
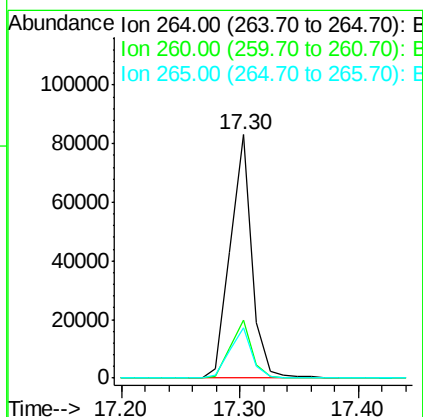
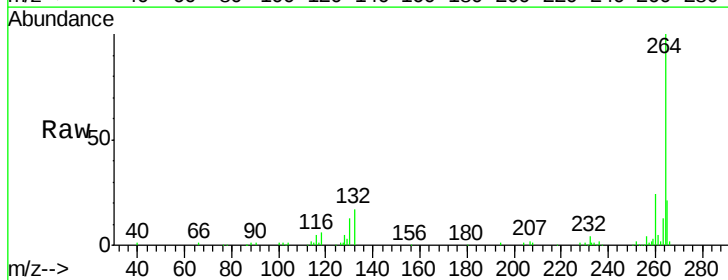
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

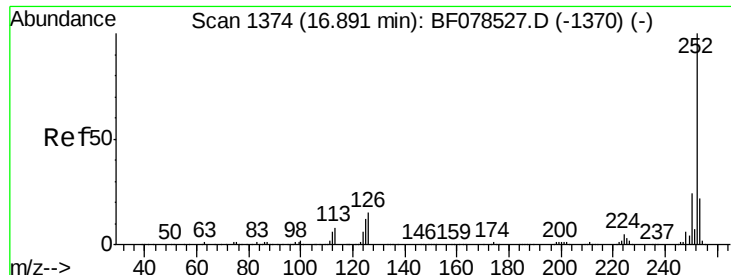
Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.2
 122 8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.30 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF078541.D
 Acq: 15 Apr 2015 17:47

Tgt Ion: 264 Resp: 104181
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 20.7 17.0 25.6

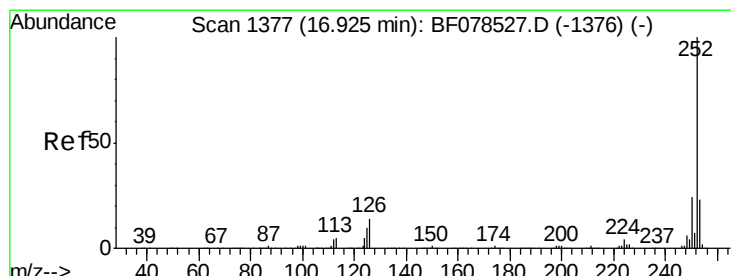
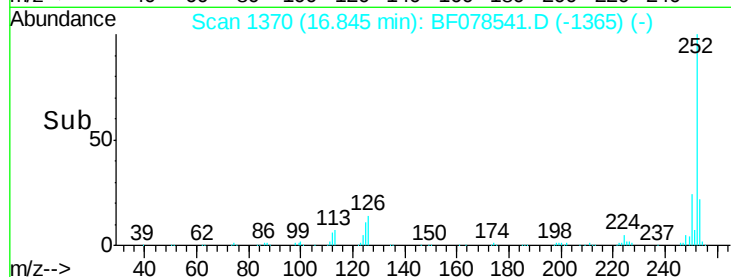
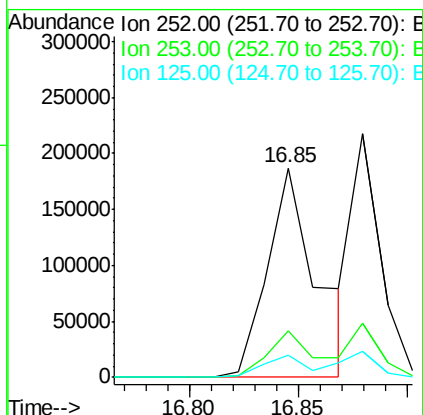
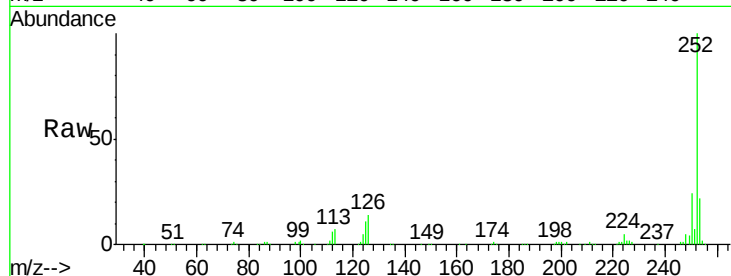




#87
Benzo(b)fluoranthene
Concen: 46.28 ng
RT: 16.85 min Scan# 1370
Delta R.T. -0.05 min
Lab File: BF078541.D
Acq: 15 Apr 2015 17:47

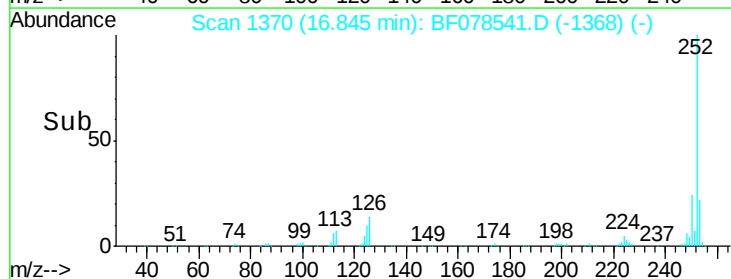
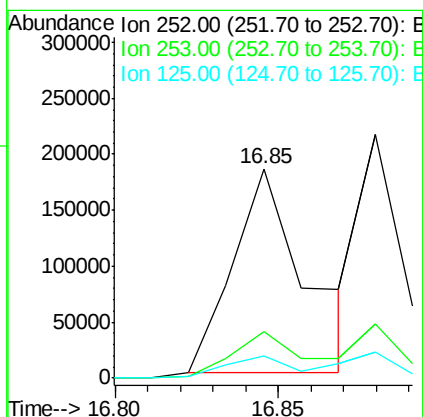
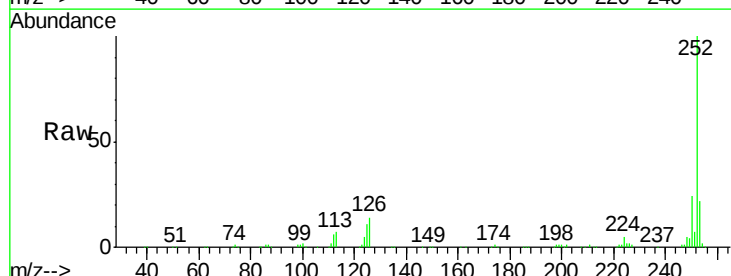
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

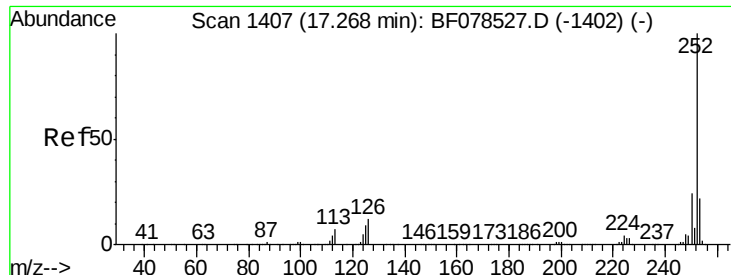
Tgt Ion:252 Resp: 297958
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.7 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 48.87 ng
RT: 16.85 min Scan# 1370
Delta R.T. -0.08 min
Lab File: BF078541.D
Acq: 15 Apr 2015 17:47

Tgt Ion:252 Resp: 279630
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.7 11.6 17.4#

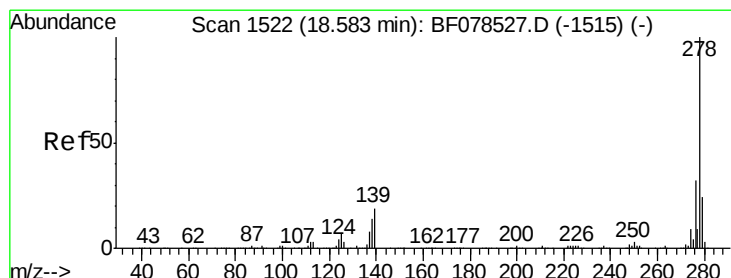
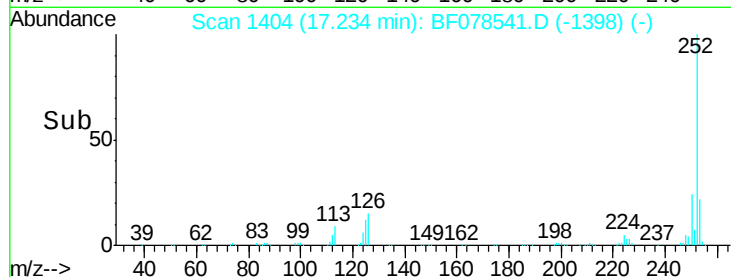
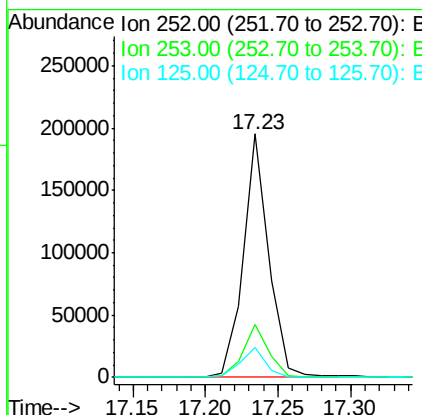
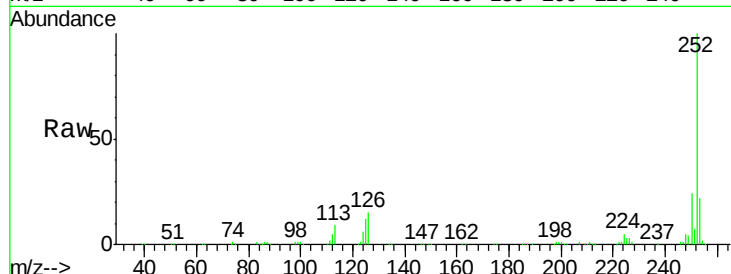




#89
Benzo(a)pyrene
Concen: 42.21 ng
RT: 17.23 min Scan# 1404
Delta R.T. -0.03 min
Lab File: BF078541.D
Acq: 15 Apr 2015 17:47

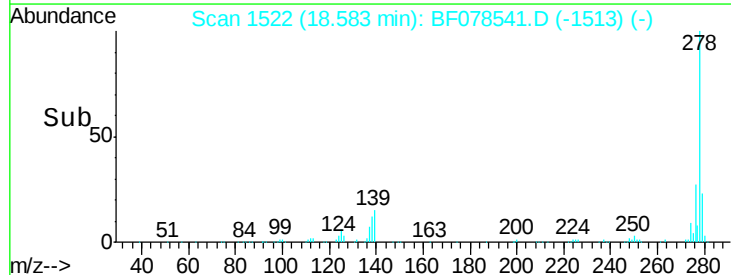
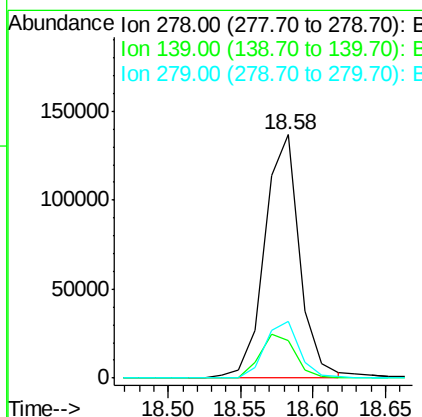
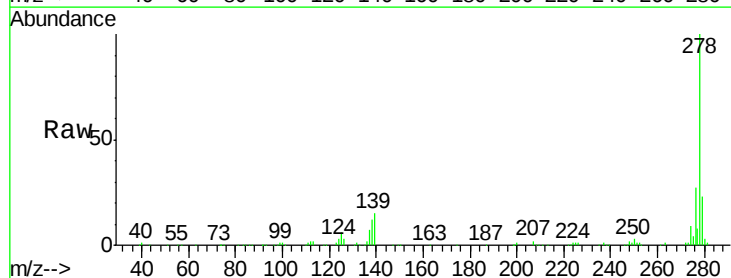
Instrument :
BNA_F
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SSTDCCC040

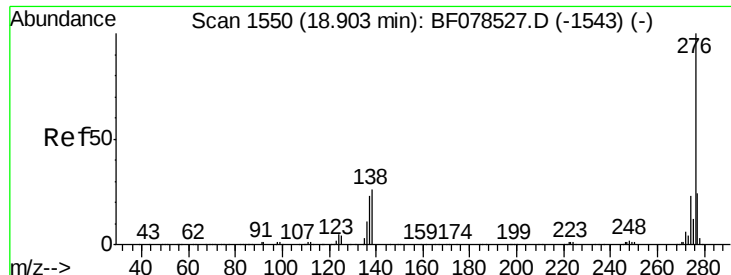
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	12.2	7.4	11.0#



#90
Dibenzo(a,h)anthracene
Concen: 40.58 ng
RT: 18.58 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF078541.D
Acq: 15 Apr 2015 17:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.6	20.4
279	23.2	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 41.09 ng

RT: 18.88 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF078541.D

Acq: 15 Apr 2015 17:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

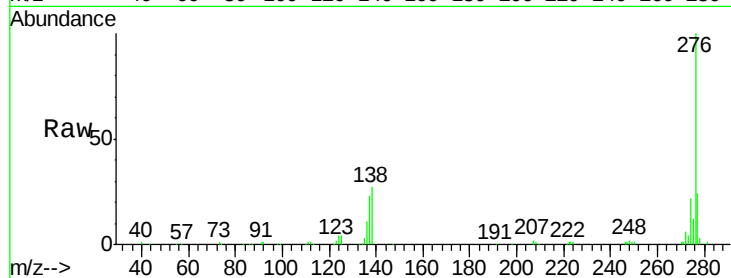
Tgt Ion: 276 Resp: 231782

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 26.7 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

