

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041715\
 Data File : BF078602.D
 Acq On : 17 Apr 2015 13:19
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 17 23:25:24 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

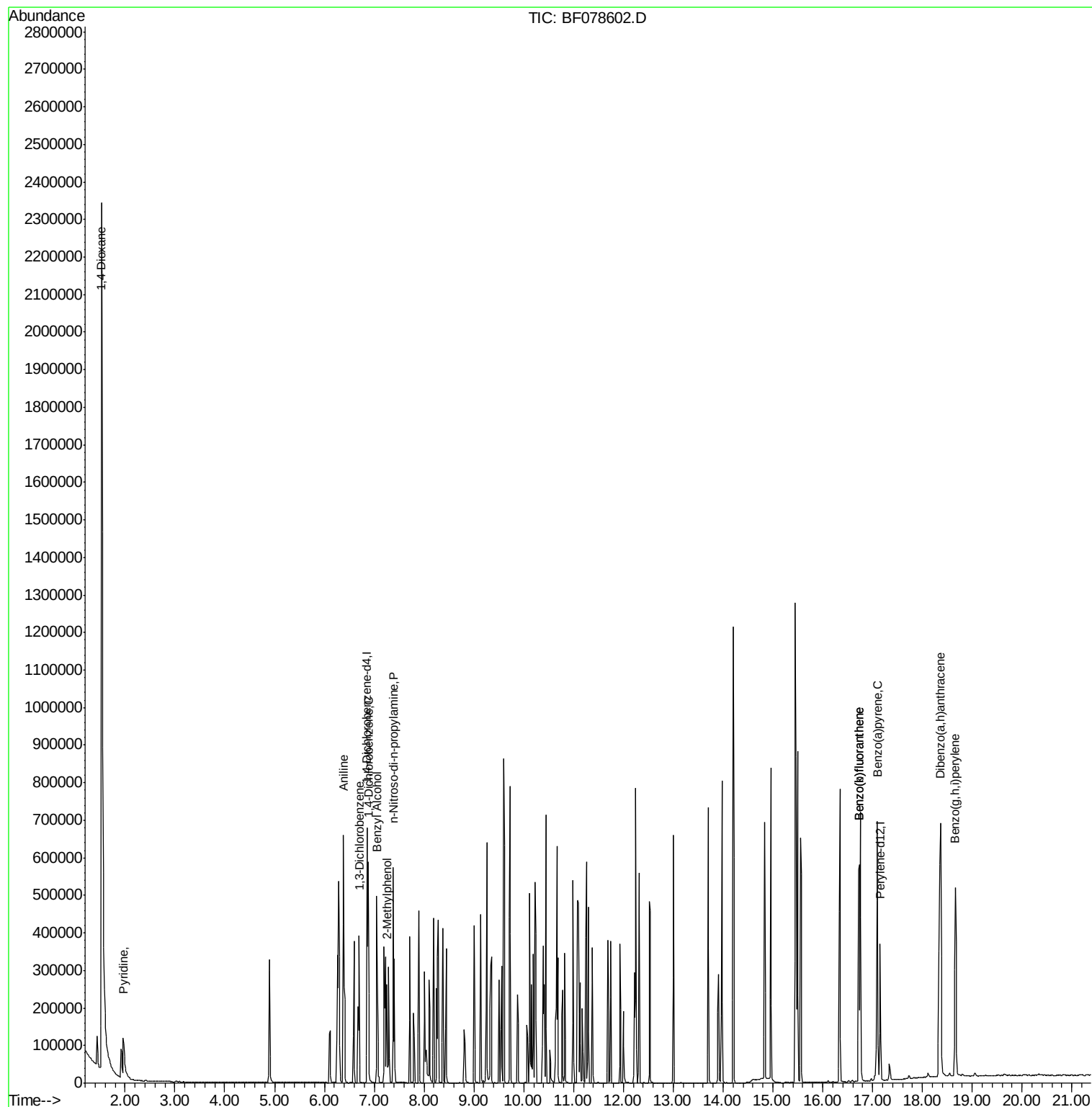
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112105	20.00	ng	0.05
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.39
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.55
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.37
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.63
86) Perylene-d12	17.15	264	153815	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.41	99	5374	0.63	ng	0.00
23) Nitrobenzene-d5	7.55	82	327	0.00	ng	0.03
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.70	172	613	0.00	ng	-0.03
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
2) 1,4-Dioxane	1.53	88	100255	32.61	ng	# 26
3) Pyridine	1.96	79	103324	12.83	ng	# 79
6) Aniline	6.39	93	81795	6.77	ng	# 83
12) 1,3-Dichlorobenzene	6.70	146	85012	9.63	ng	95
13) 1,4-Dichlorobenzene	6.88	146	92915	10.45	ng	98
15) Benzyl Alcohol	7.05	79	43216	7.22	ng	# 1
17) 2-Methylphenol	7.26	107	98117	15.72	ng	# 81
19) n-Nitroso-di-n-propylamine	7.38	70	24076	4.28	ng	# 82
87) Benzo(b)fluoranthene	16.73	252	395727	41.63	ng	99
88) Benzo(k)fluoranthene	16.73	252	395707	46.84	ng	# 93
89) Benzo(a)pyrene	17.10	252	360195	43.42	ng	98
90) Dibenzo(a,h)anthracene	18.37	278	350868	42.24	ng	98
91) Benzo(g,h,i)perylene	18.66	276	331001	39.75	ng	98

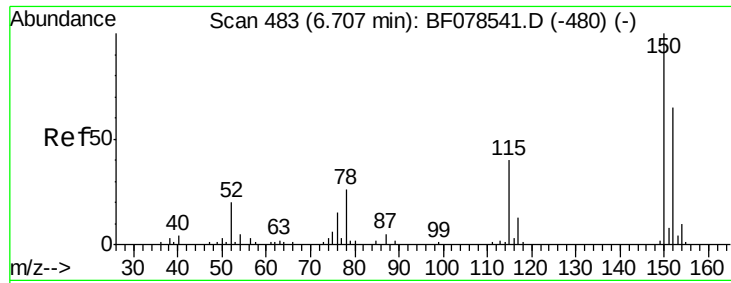
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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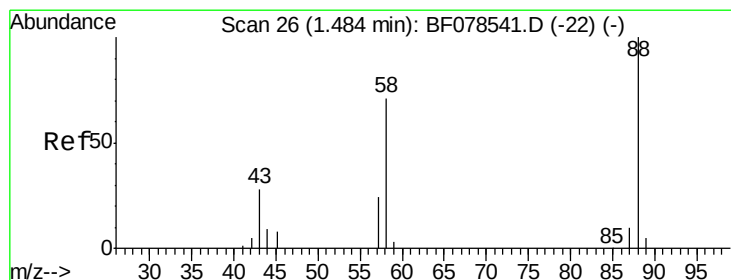
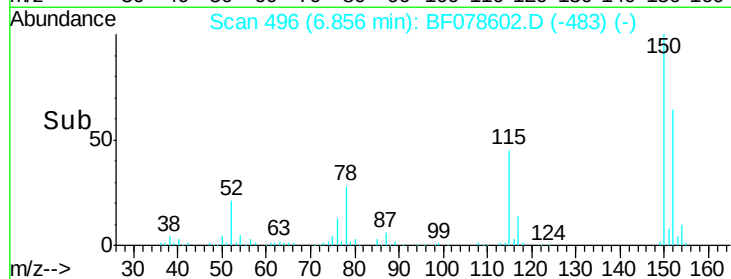
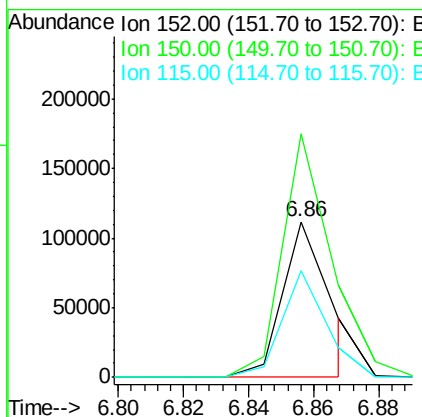
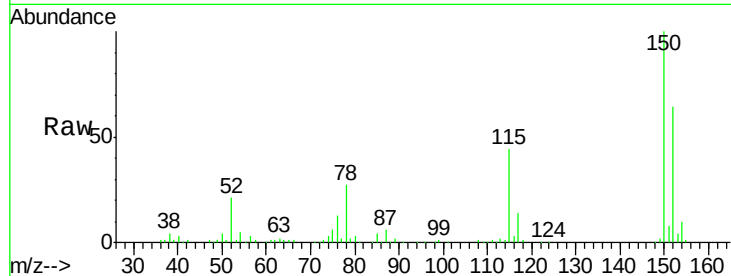


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 496
Delta R.T. 0.05 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

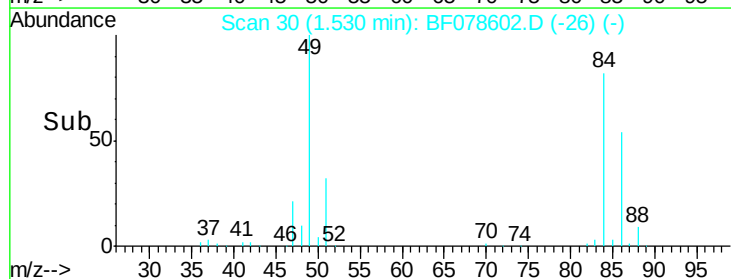
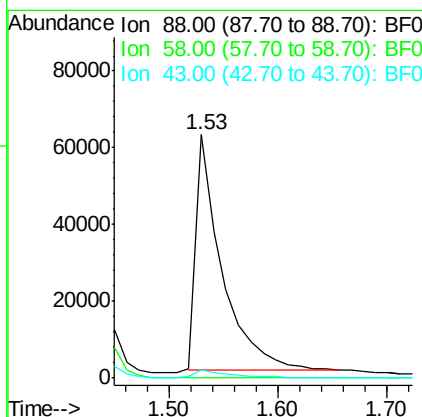
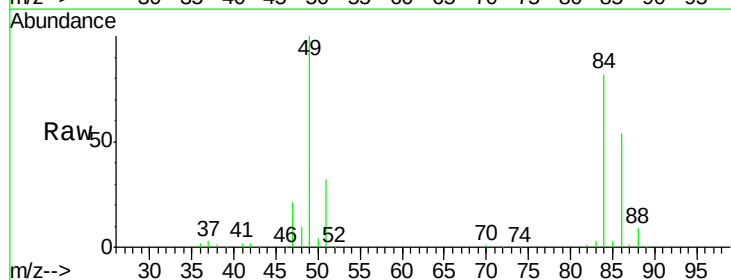
Tgt Ion:152 Resp: 112105
Ion Ratio Lower Upper
152 100
150 156.7 125.9 188.9
115 69.0 52.7 79.1

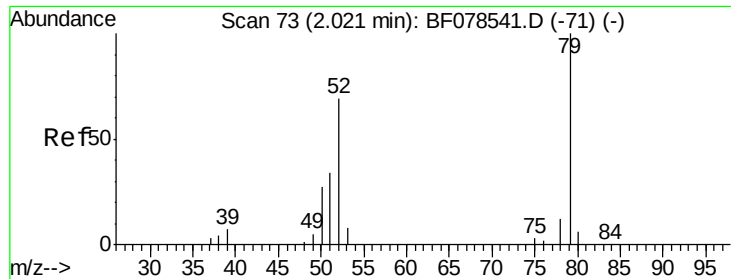


#2

1,4-Dioxane
Concen: 32.61 ng
RT: 1.53 min Scan# 30
Delta R.T. -0.06 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

Tgt Ion: 88 Resp: 100255
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 4.4 21.4 32.2#





#3

Pyridine

Concen: 12.83 ng

RT: 1.96 min Scan# 68

Delta R.T. -0.18 min

Lab File: BF078602.D

Acq: 17 Apr 2015 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

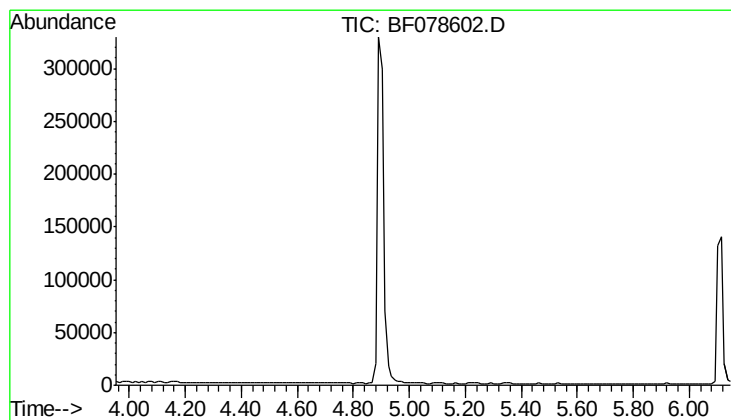
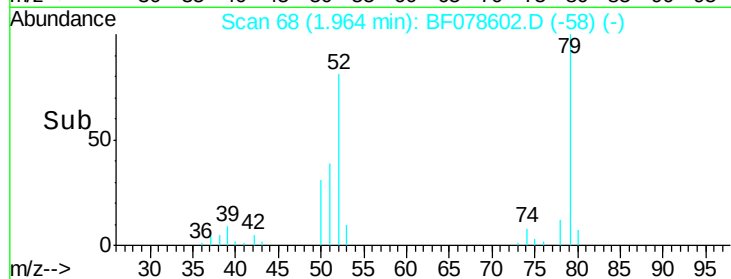
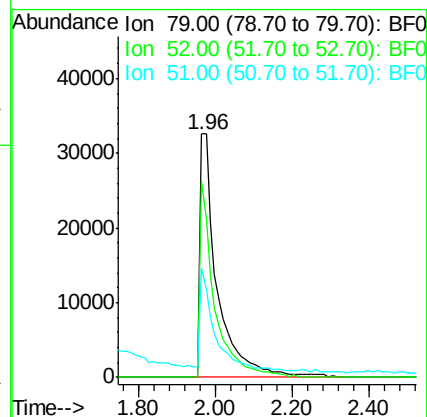
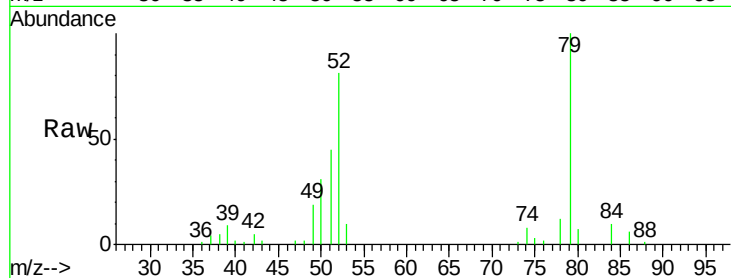
Tgt Ion: 79 Resp: 103324

Ion Ratio Lower Upper

79 100

52 80.6 52.4 78.6#

51 44.7 24.9 37.3#



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.05 min

Lab File: BF078602.D

Acq: 17 Apr 2015 13:19

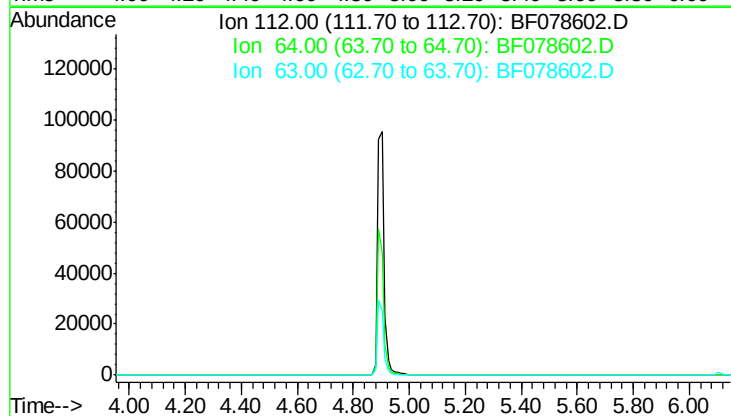
Tgt Ion: 112

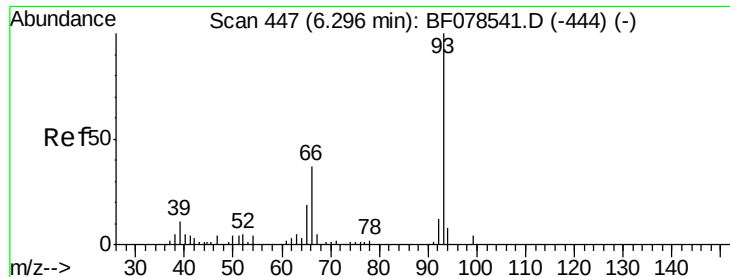
Sig Exp Ratio

112 100

64 49.9

63 25.3





#6

Aniline

Concen: 6.77 ng

RT: 6.39 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF078602.D

Acq: 17 Apr 2015 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

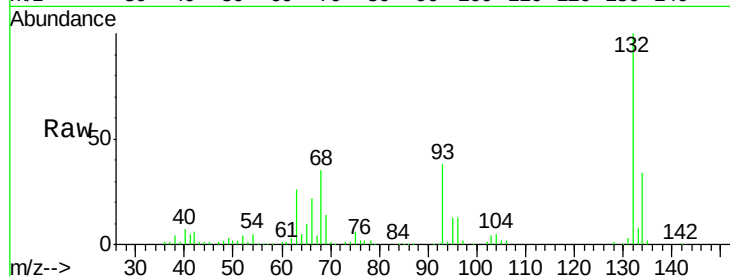
Tgt Ion: 93 Resp: 81795

Ion Ratio Lower Upper

93 100

66 59.8 38.0 57.0#

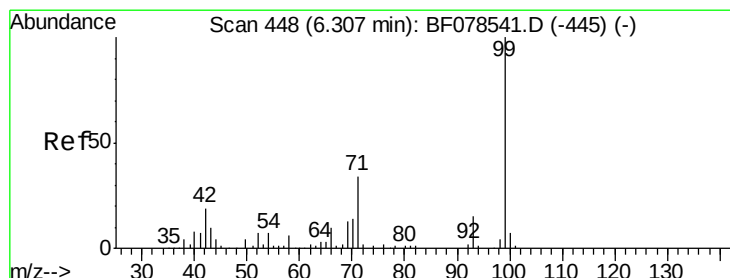
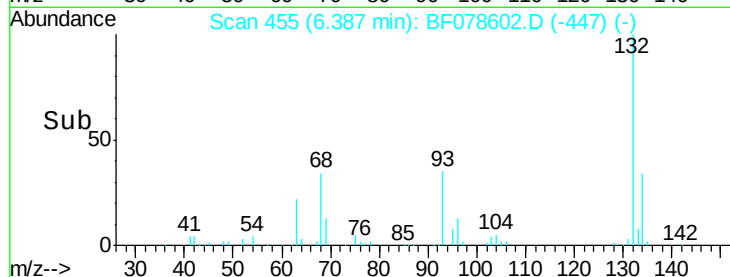
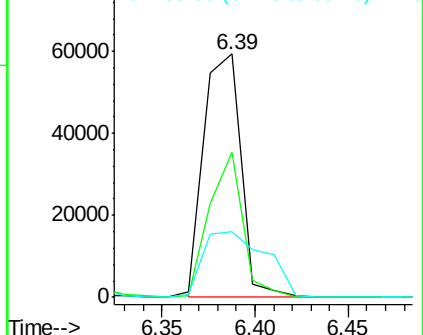
65 26.8 16.3 24.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 0.63 ng

RT: 6.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF078602.D

Acq: 17 Apr 2015 13:19

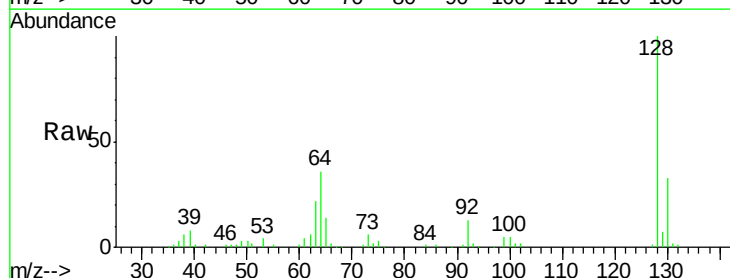
Tgt Ion: 99 Resp: 5374

Ion Ratio Lower Upper

99 100

42 10.8 14.8 22.2#

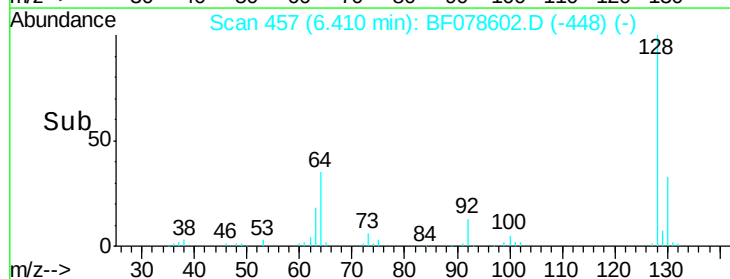
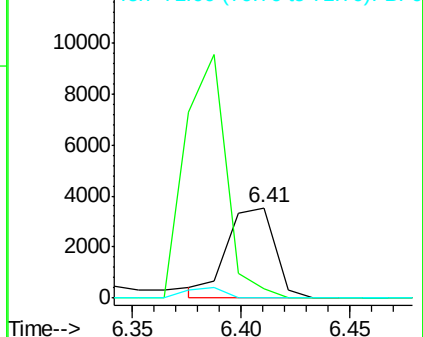
71 0.0 26.6 39.8#

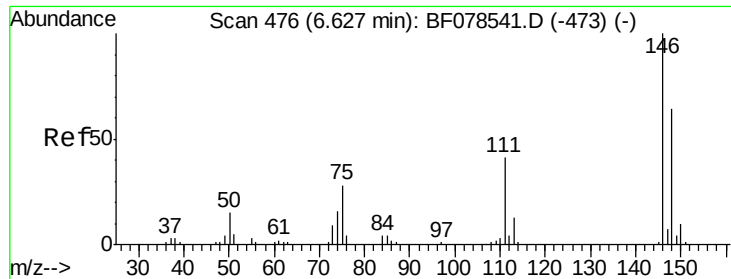


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

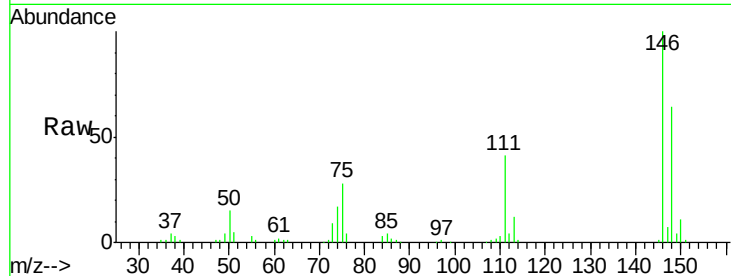




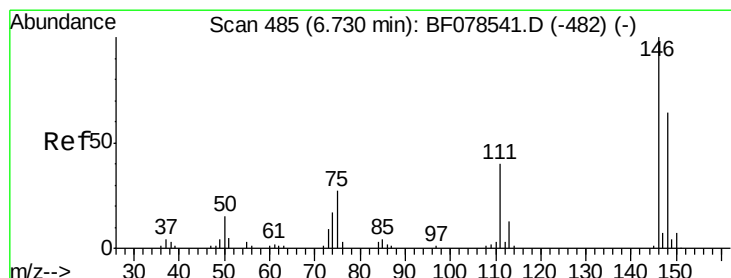
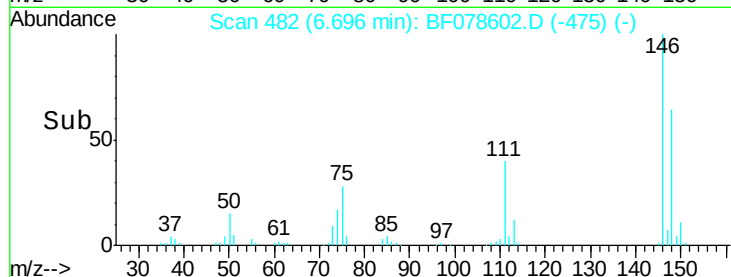
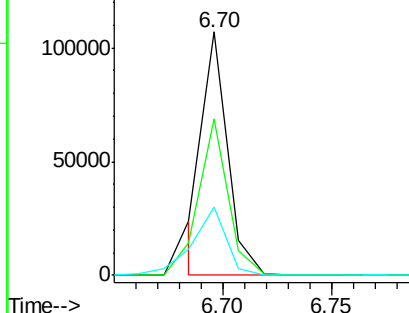
#12
 1,3-Dichlorobenzene
 Concen: 9.63 ng
 RT: 6.70 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF078602.D
 Acq: 17 Apr 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 85012
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.1 73.7
 75 28.2 26.6 40.0

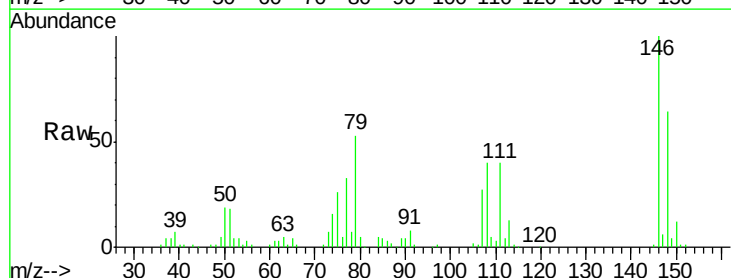


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

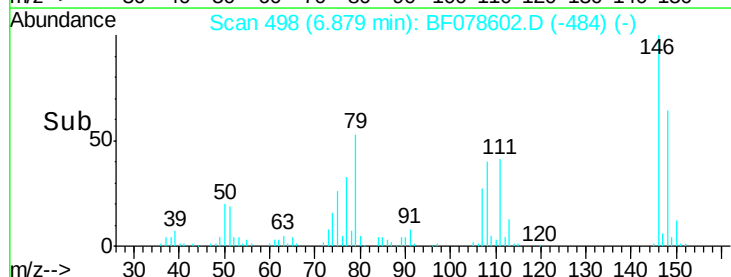
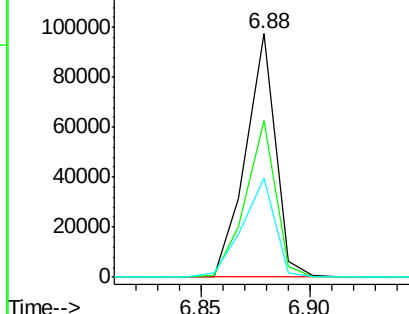


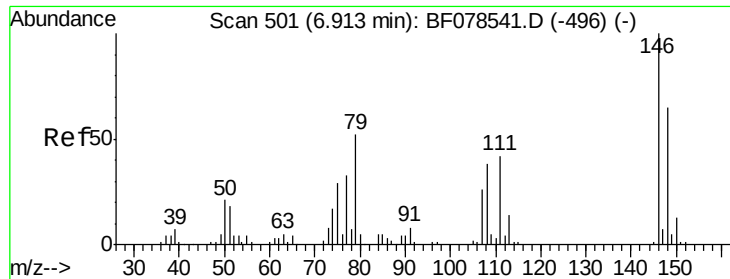
#13
 1,4-Dichlorobenzene
 Concen: 10.45 ng
 RT: 6.88 min Scan# 498
 Delta R.T. 0.06 min
 Lab File: BF078602.D
 Acq: 17 Apr 2015 13:19

Tgt Ion:146 Resp: 92915
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.0
 111 40.5 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

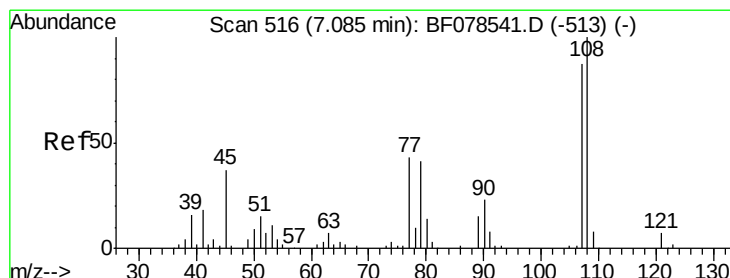
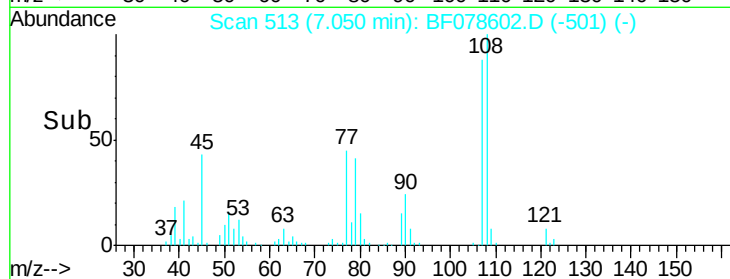
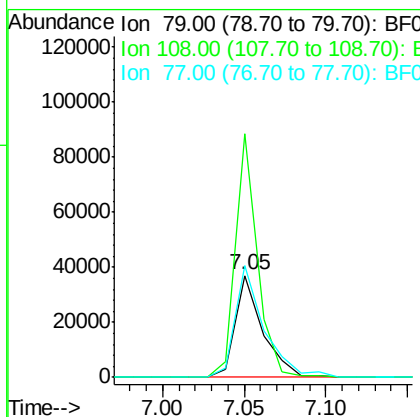
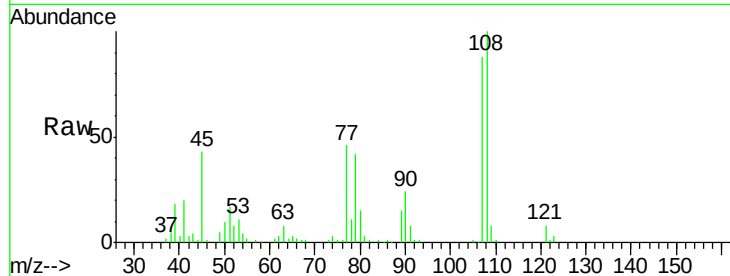




#15
Benzyl Alcohol
Concen: 7.22 ng
RT: 7.05 min Scan# 513
Delta R.T. 0.03 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

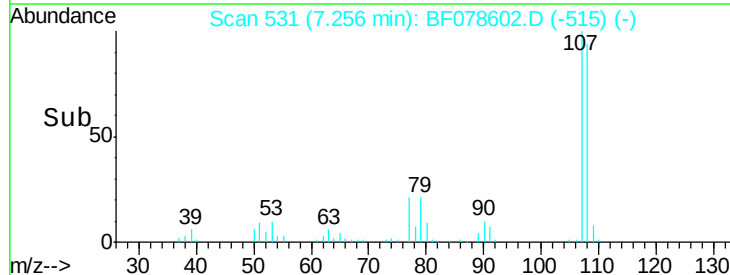
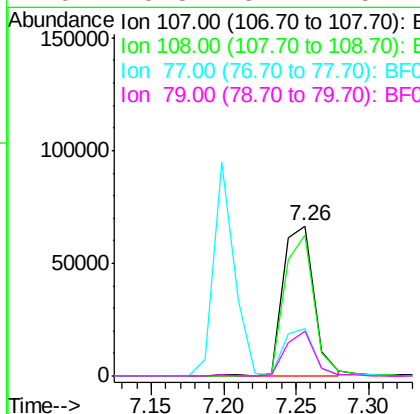
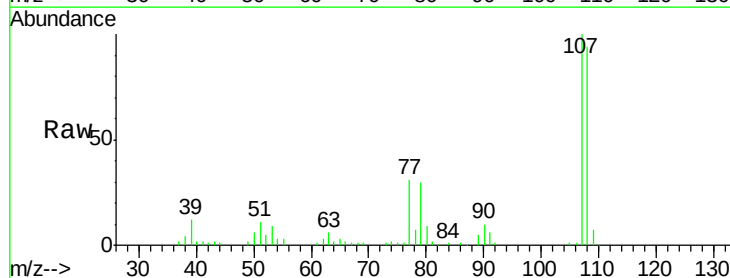
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

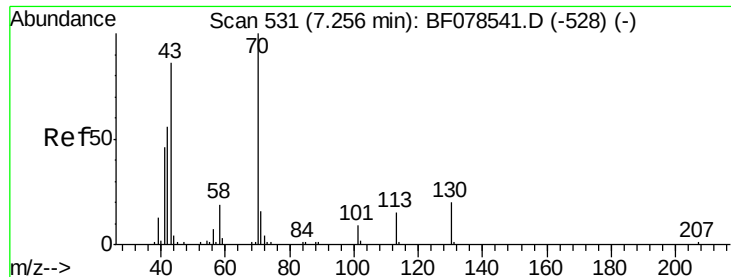
Tgt Ion: 79 Resp: 43216
Ion Ratio Lower Upper
79 100
108 238.9 57.6 86.4#
77 109.9 53.5 80.3#



#17
2-Methylphenol
Concen: 15.72 ng
RT: 7.26 min Scan# 531
Delta R.T. 0.08 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

Tgt Ion: 107 Resp: 98117
Ion Ratio Lower Upper
107 100
108 93.7 90.3 135.5
77 31.4 35.5 53.3#
79 29.8 34.2 51.4#

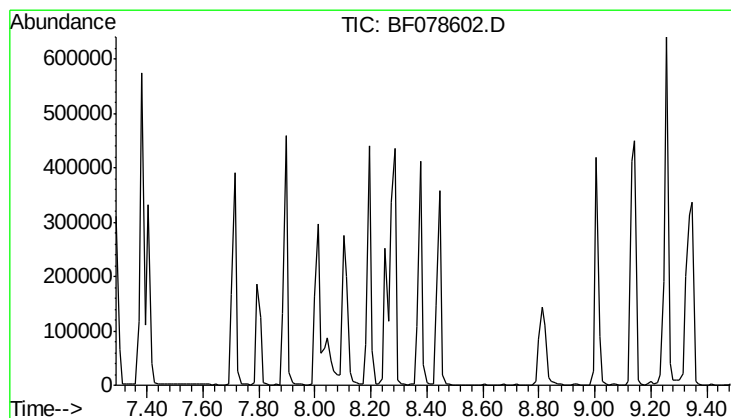
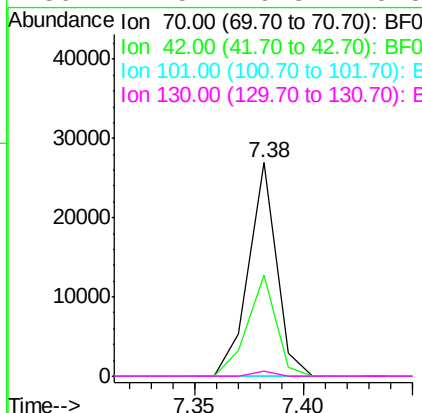
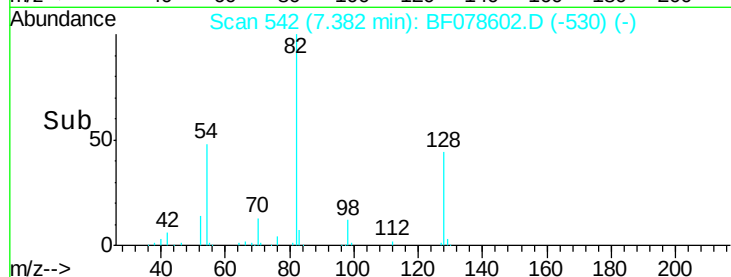
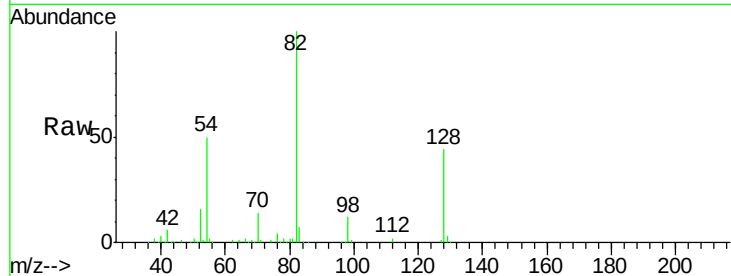




#19
n-Nitroso-di-n-propylamine
Concen: 4.28 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.03 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

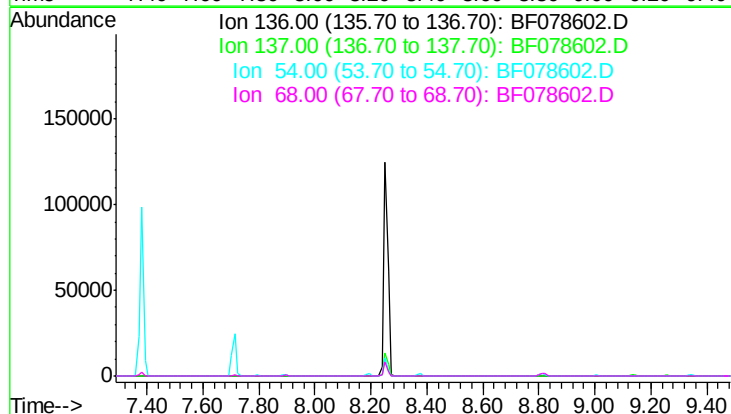
Instrument :
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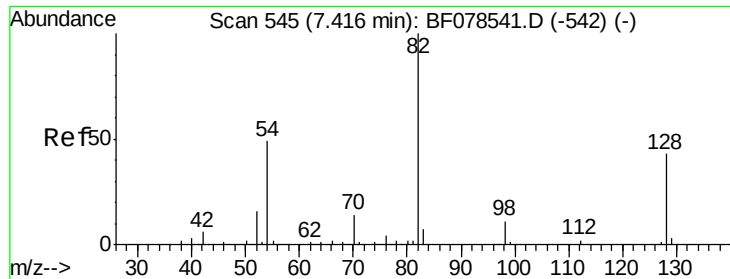
Tgt Ion: 70 Resp: 24076
Ion Ratio Lower Upper
70 100
42 47.2 38.9 58.3
101 0.0 8.3 12.5#
130 2.5 19.8 29.8#



#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.39 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.2
54 8.8
68 6.8

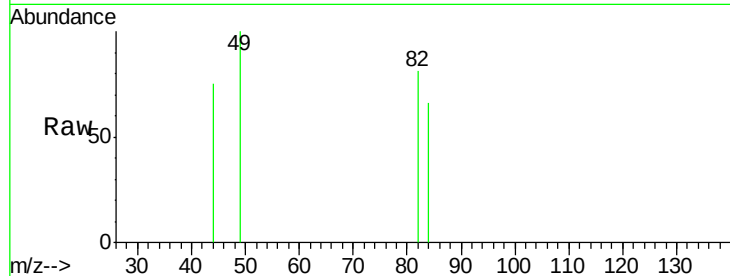




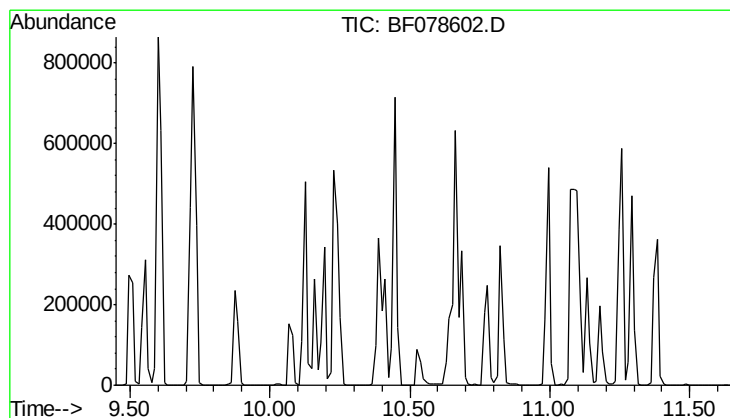
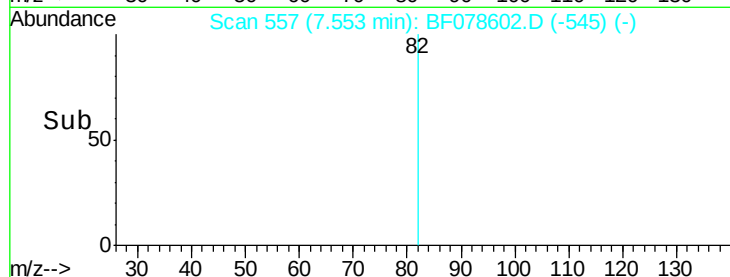
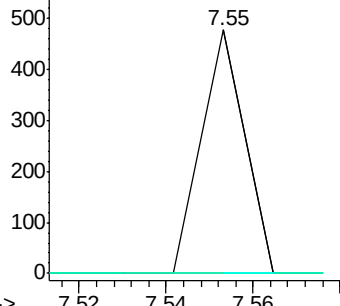
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 7.55 min Scan# 557
 Delta R.T. 0.03 min
 Lab File: BF078602.D
 Acq: 17 Apr 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 327
 Ion Ratio Lower Upper
 82 100
 128 0.0 31.8 47.8#
 54 0.0 41.5 62.3#



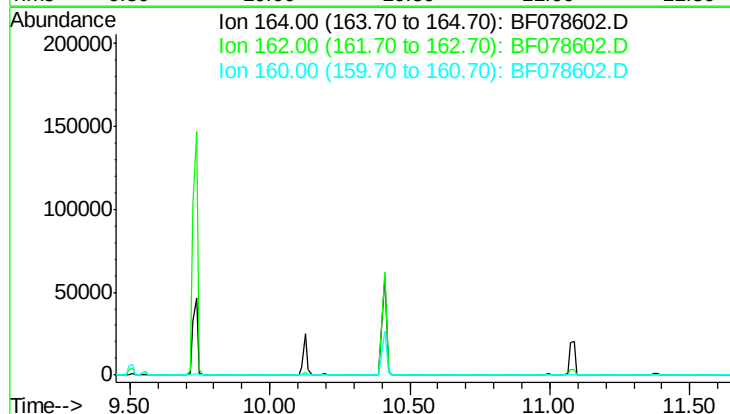
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

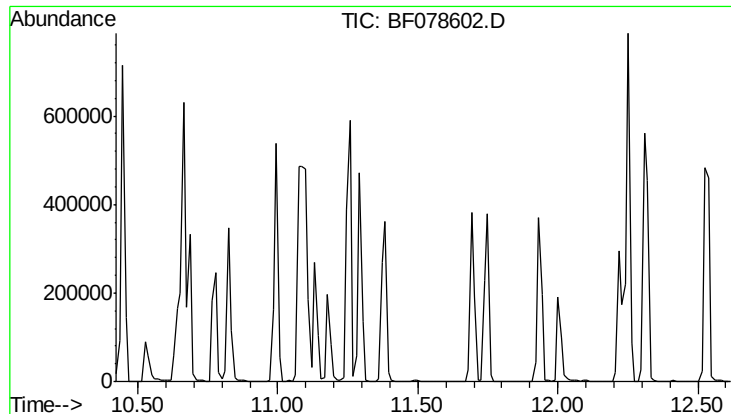


#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.55 min

Lab File: BF078602.D
 Acq: 17 Apr 2015 13:19

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: BF078602.D

Acq: 17 Apr 2015 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

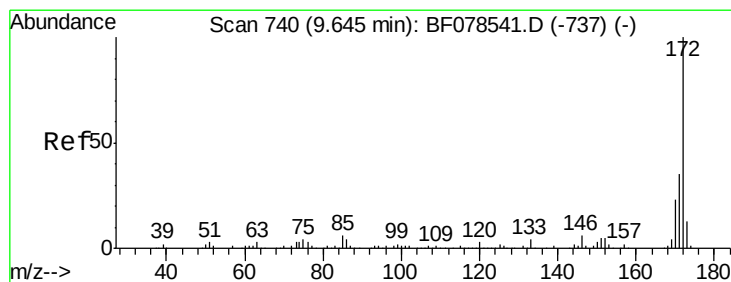
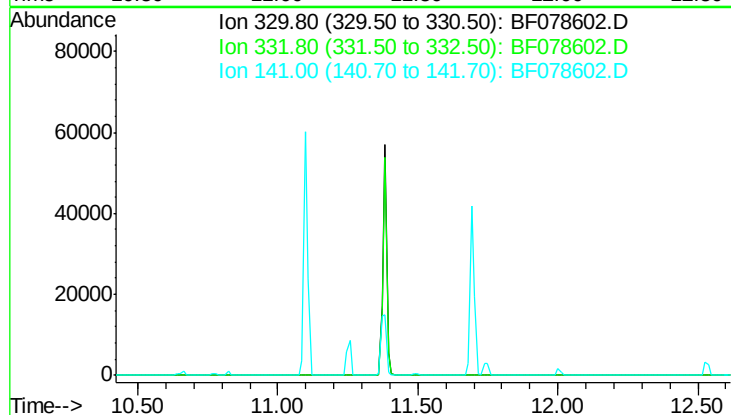
Tgt Ion: 330

Sig Exp Ratio

330 100

332 98.2

141 39.0



#44

2-Fluorobiphenyl

Concen: 0.00 ng

RT: 9.70 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF078602.D

Acq: 17 Apr 2015 13:19

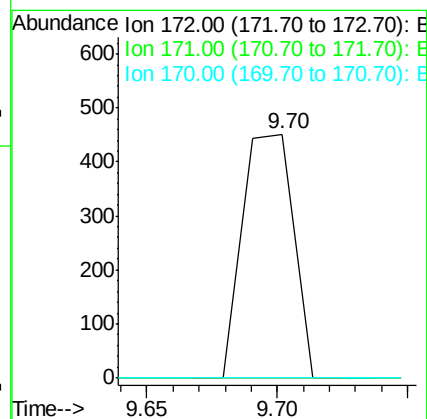
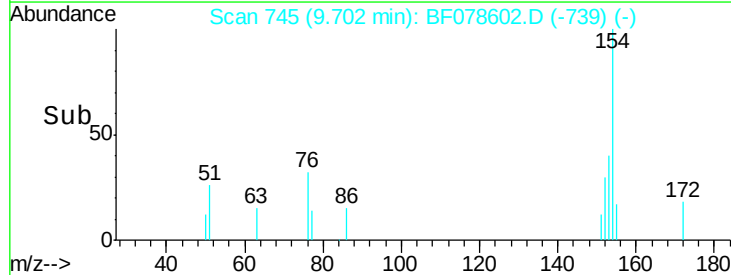
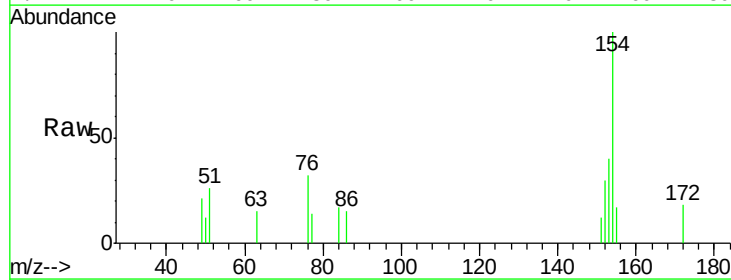
Tgt Ion: 172 Resp: 613

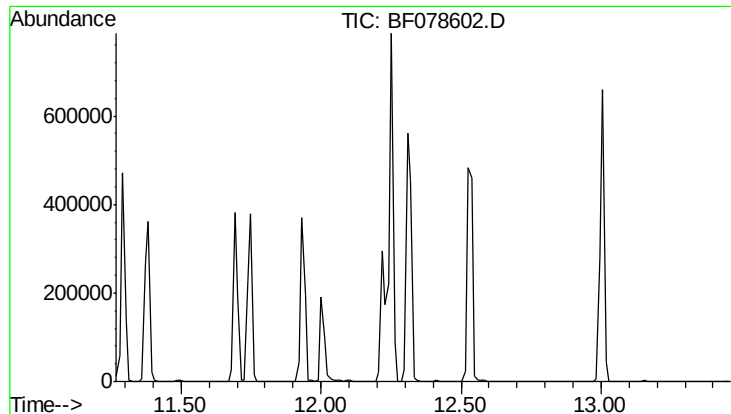
Ion Ratio Lower Upper

172 100

171 0.0 28.6 42.8#

170 0.0 18.5 27.7#



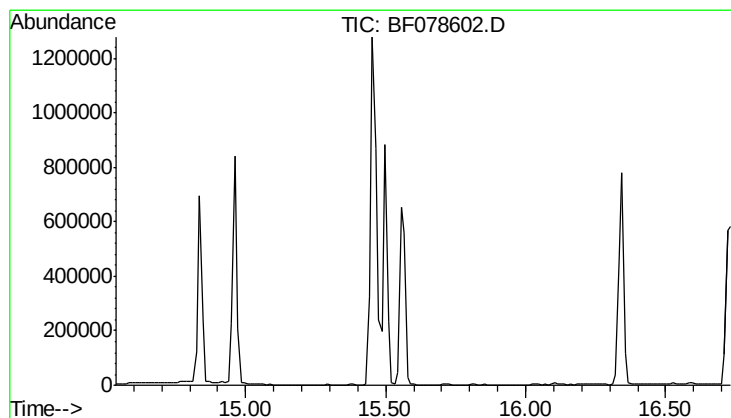
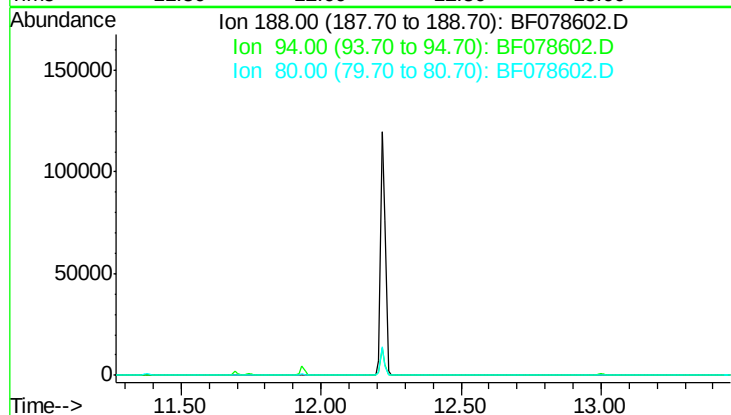


#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.37 min
 Lab File: BF078602.D
 Acq: 17 Apr 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 188

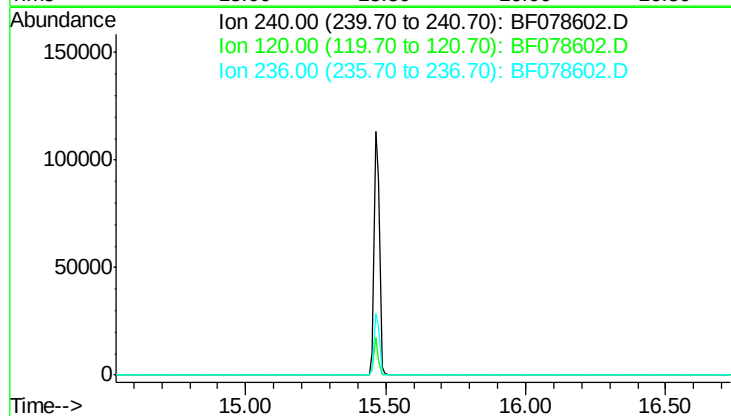
Sig	Exp Ratio
188	100
94	11.2
80	11.9

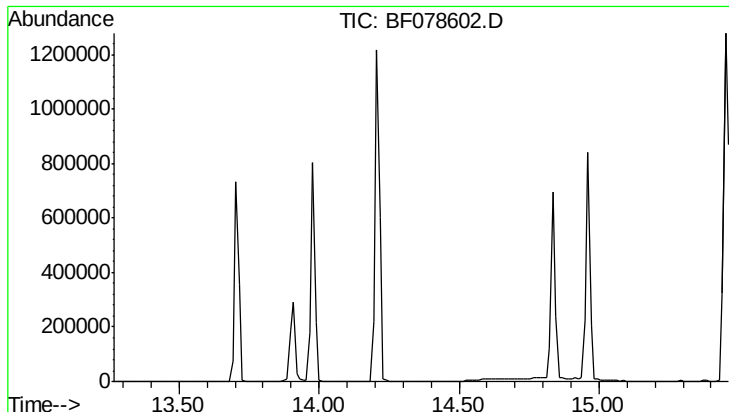


#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.63 min
 Lab File: BF078602.D
 Acq: 17 Apr 2015 13:19

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: BF078602.D

Acq: 17 Apr 2015 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

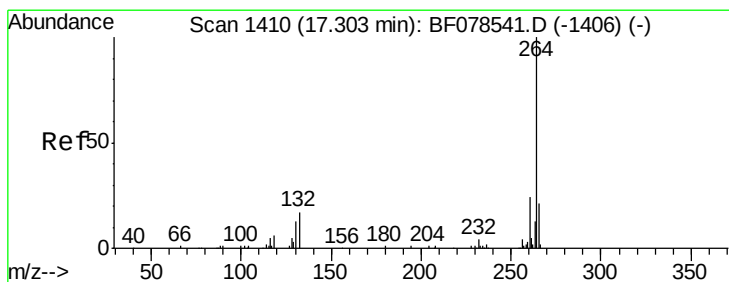
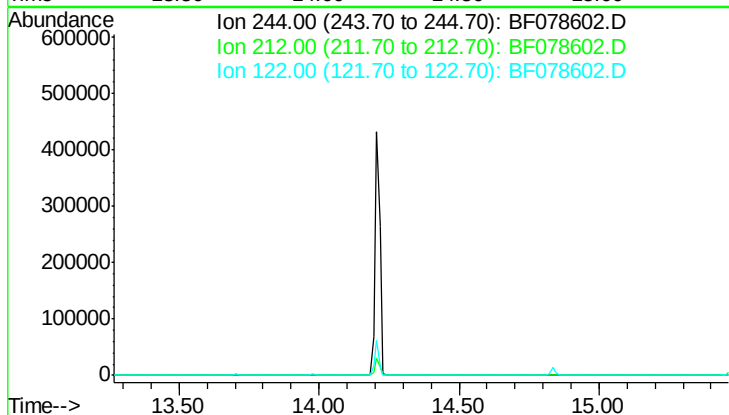
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.2

122 8.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.15 min Scan# 1397

Delta R.T. -0.17 min

Lab File: BF078602.D

Acq: 17 Apr 2015 13:19

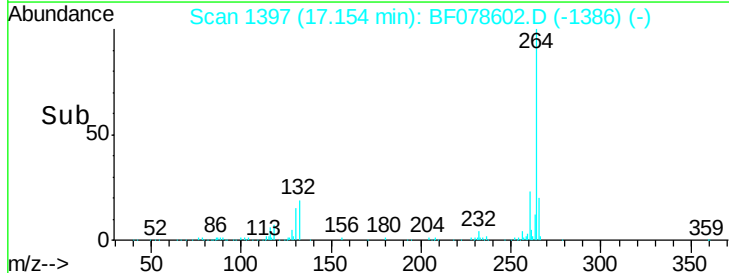
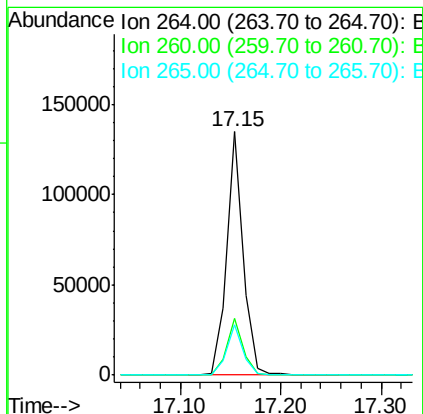
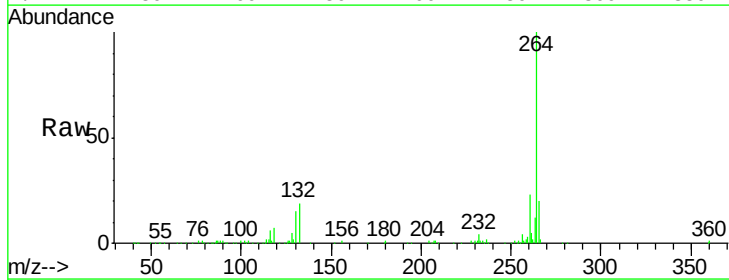
Tgt Ion: 264 Resp: 153815

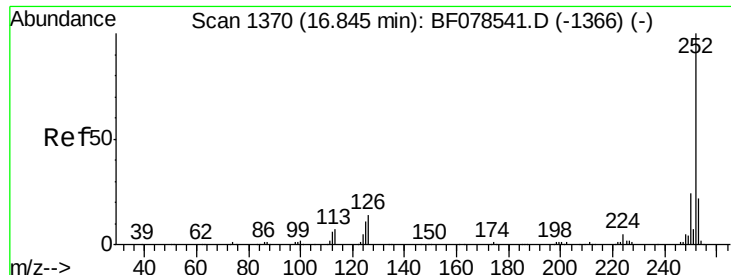
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.5 17.0 25.6

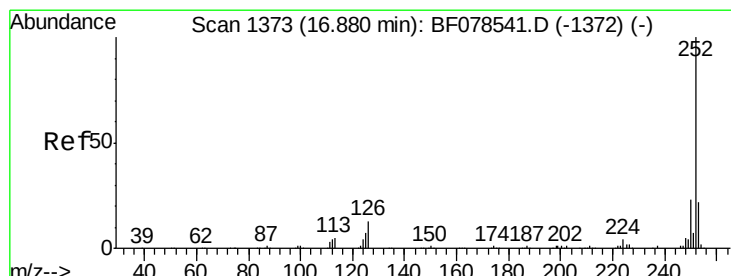
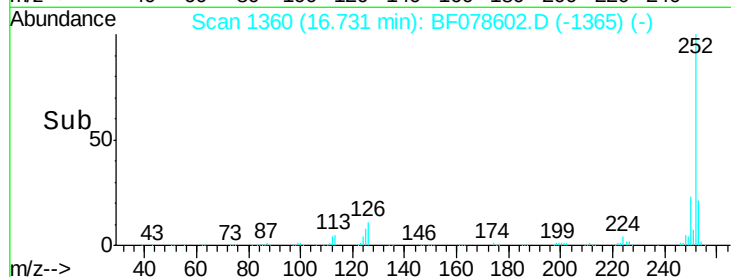
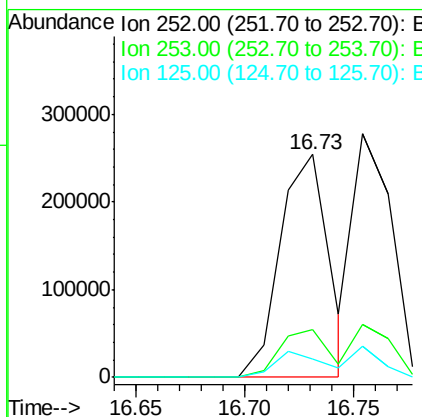
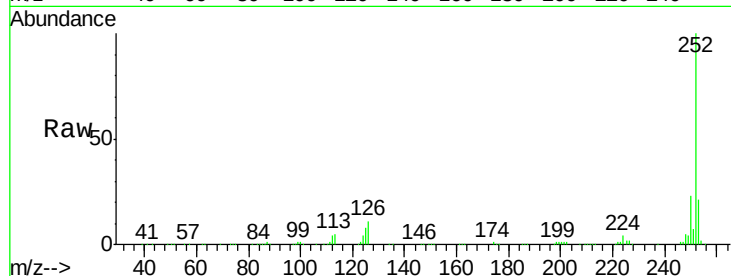




#87
Benzo(b)fluoranthene
Concen: 41.63 ng
RT: 16.73 min Scan# 1360
Delta R.T. -0.16 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

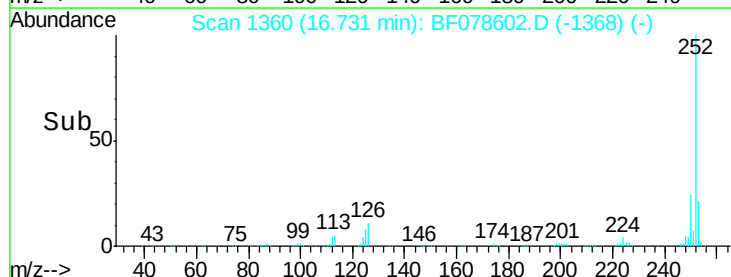
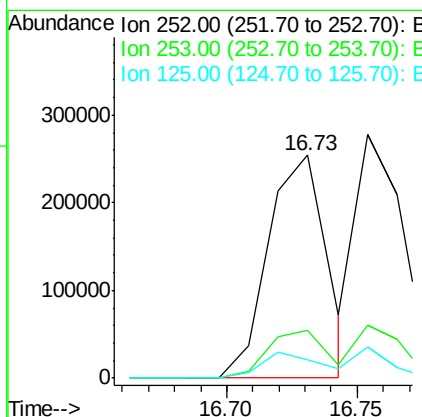
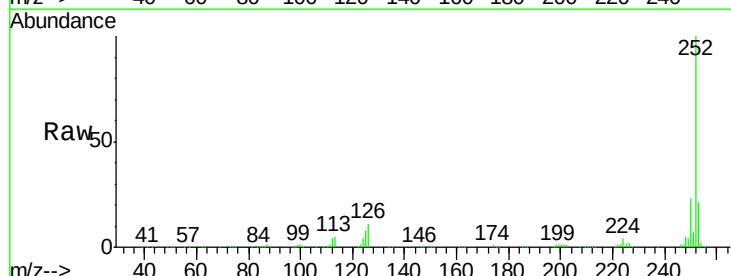
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

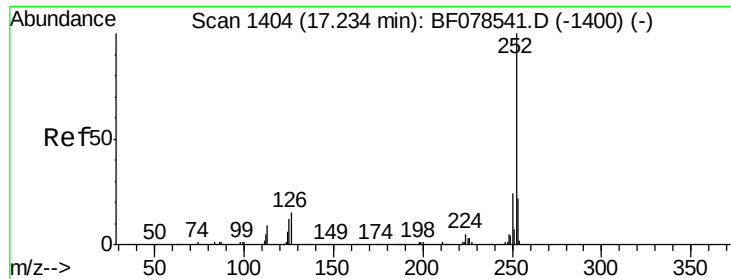
Tgt Ion: 252 Resp: 395727
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 8.1 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 46.84 ng
RT: 16.73 min Scan# 1360
Delta R.T. -0.19 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

Tgt Ion: 252 Resp: 395707
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 8.1 11.6 17.4#

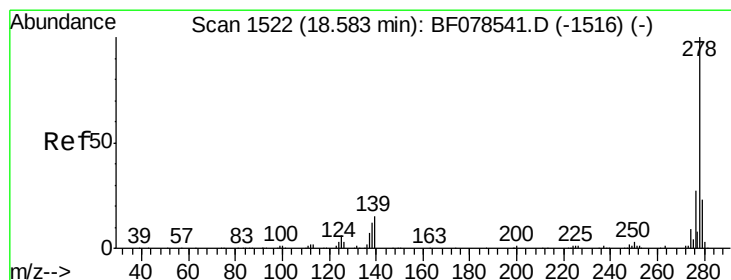
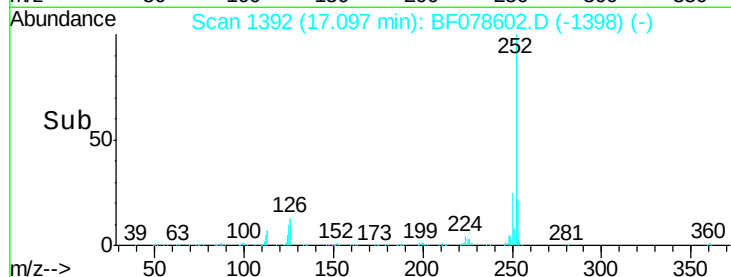
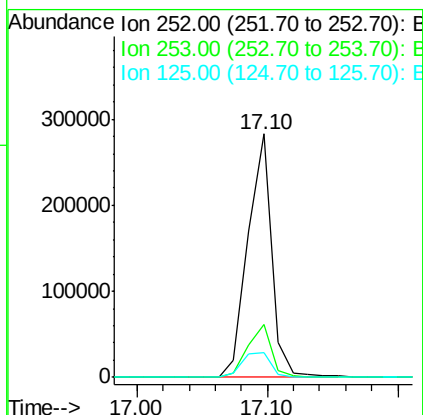
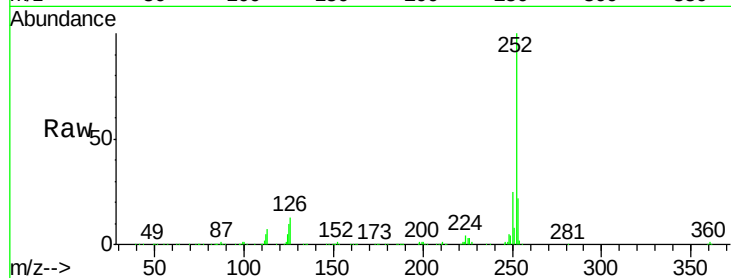




#89
Benzo(a)pyrene
Concen: 43.42 ng
RT: 17.10 min Scan# 1392
Delta R.T. -0.17 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.8	25.2
125	10.1	7.4	11.0



#90
Dibenzo(a,h)anthracene
Concen: 42.24 ng
RT: 18.37 min Scan# 1503
Delta R.T. -0.22 min
Lab File: BF078602.D
Acq: 17 Apr 2015 13:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.6	20.4
279	24.2	19.0	28.6

