

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079221.D
 Acq On : 14 May 2015 5:21
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 14 06:02:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

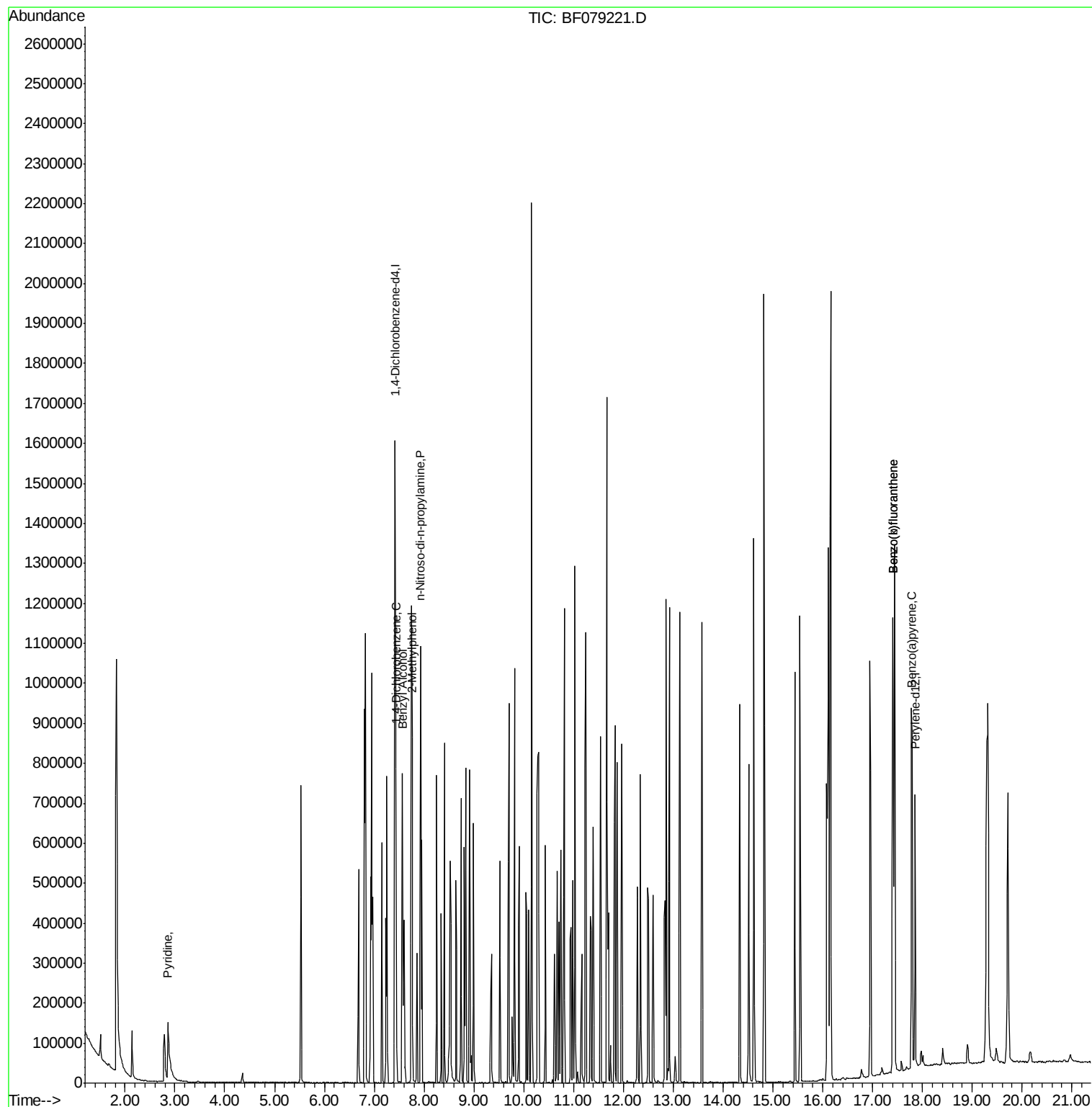
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	213868	20.00	ng	0.05
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.95
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-11.13
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.97
75) Chrysene-d12	0.00	240	0	0.00	ng	-16.30
86) Perylene-d12	17.85	264	230539	20.00	ng	-0.26
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	210	0.02	ng	-0.03
7) Phenol-d6	6.97	99	8175	0.50	ng	0.05
23) Nitrobenzene-d5	8.09	82	634	0.00	ng	0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	10.25	172	874	0.00	ng	-0.05
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						Qvalue
3) Pyridine	2.86	79	179137	11.33	ng	97
13) 1,4-Dichlorobenzene	7.44	146	174982	10.74	ng	97
15) Benzyl Alcohol	7.56	79	79092	6.49	ng	# 1
17) 2-Methylphenol	7.76	107	167602	14.78	ng	# 75
19) n-Nitroso-di-n-propylamine	7.93	70	45392	4.09	ng	# 70
87) Benzo(b)fluoranthene	17.41	252	668762	53.00	ng	100
88) Benzo(k)fluoranthene	17.41	252	668762	54.75	ng	99
89) Benzo(a)pyrene	17.79	252	550077	47.34	ng	100

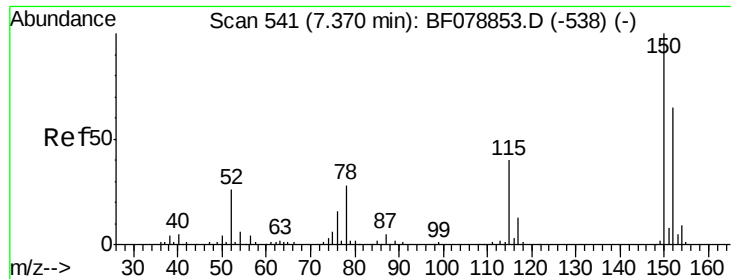
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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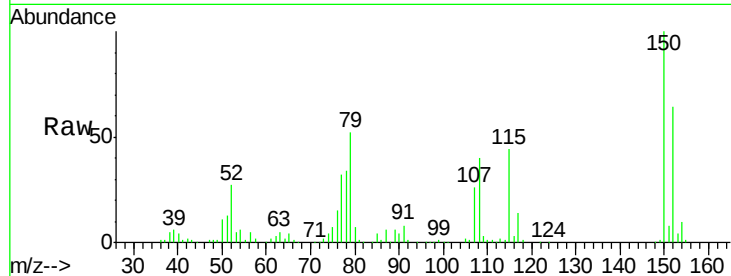




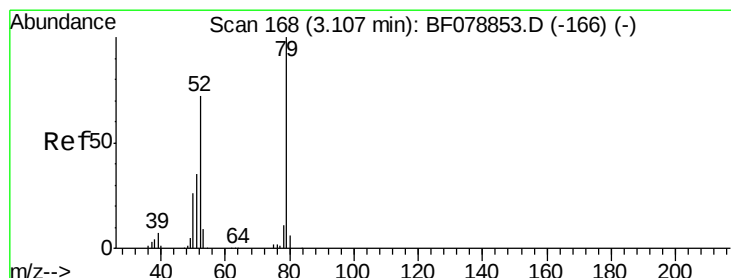
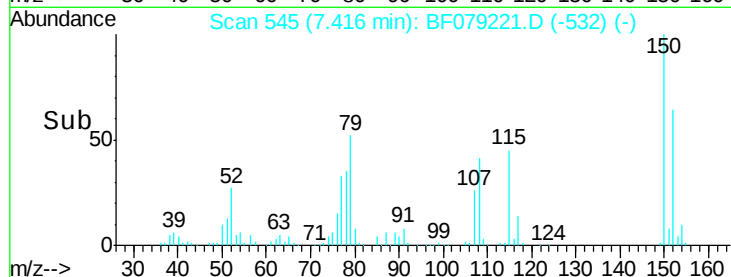
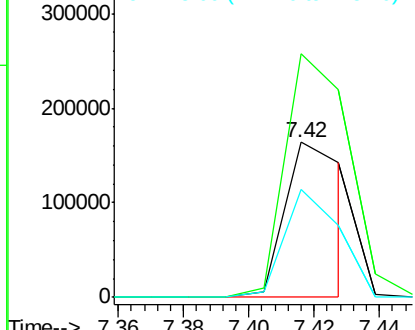
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.05 min
 Lab File: BF079221.D
 Acq: 14 May 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 213868
 Ion Ratio Lower Upper
 152 100
 150 157.0 122.0 183.0
 115 69.4 46.3 69.5

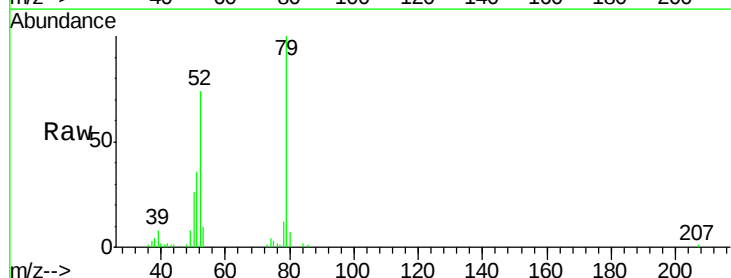


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

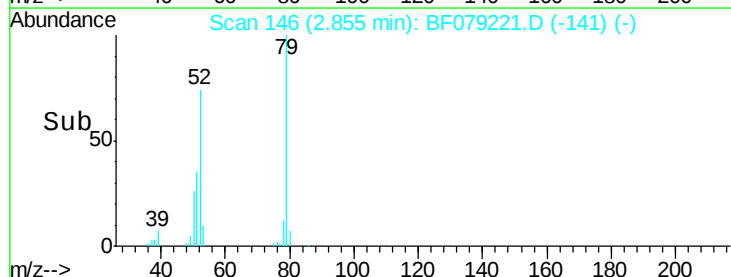
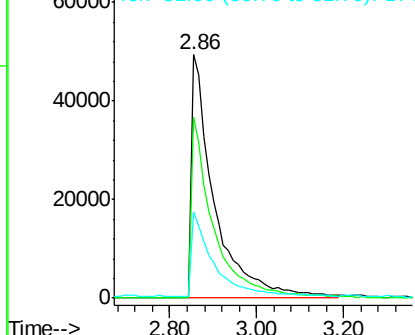


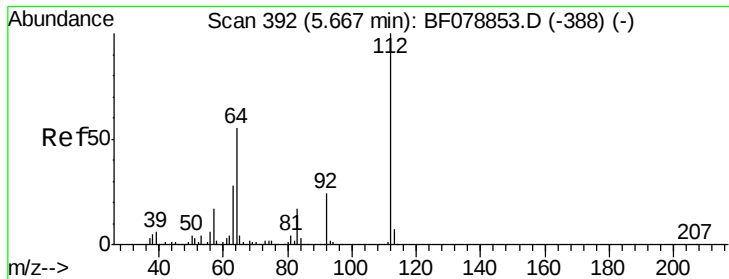
#3
 Pyridine
 Concen: 11.33 ng
 RT: 2.86 min Scan# 146
 Delta R.T. -0.24 min
 Lab File: BF079221.D
 Acq: 14 May 2015 5:21

Tgt Ion: 79 Resp: 179137
 Ion Ratio Lower Upper
 79 100
 52 74.5 57.2 85.8
 51 35.6 28.9 43.3



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 52.00 (51.70 to 52.70): BF0
 Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 0.02 ng

RT: 5.63 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF079221.D

Acq: 14 May 2015 5:21

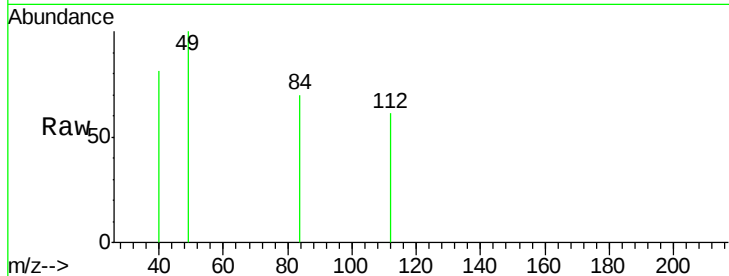
Instrument :

BNA_F

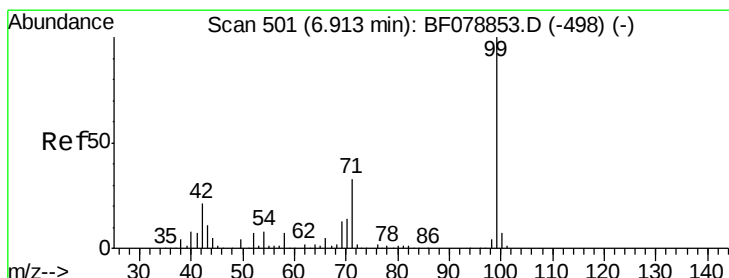
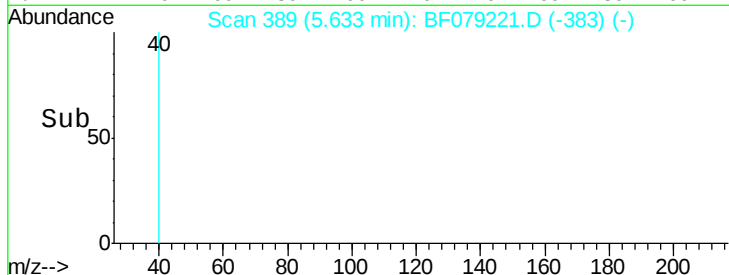
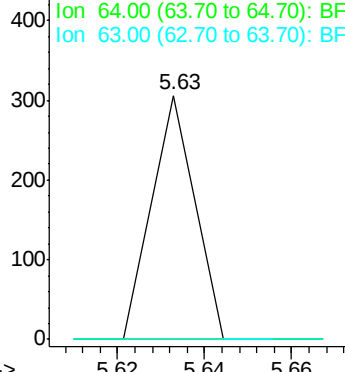
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	210
Ion	Ratio	Lower	Upper
112	100		
64	0.0	53.5	80.3#
63	0.0	27.5	41.3#



Abundance Ion 112.00 (111.70 to 112.70): BF079221.D (-383) (-)



#7

Phenol-d6

Concen: 0.50 ng

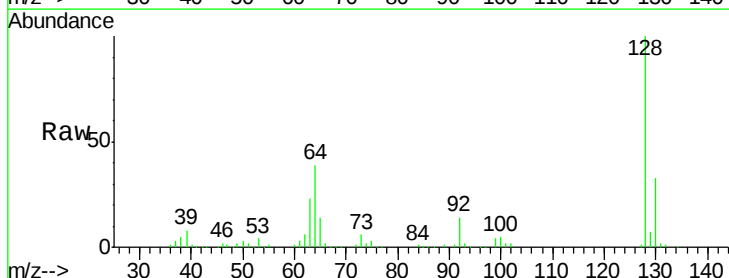
RT: 6.97 min Scan# 506

Delta R.T. 0.05 min

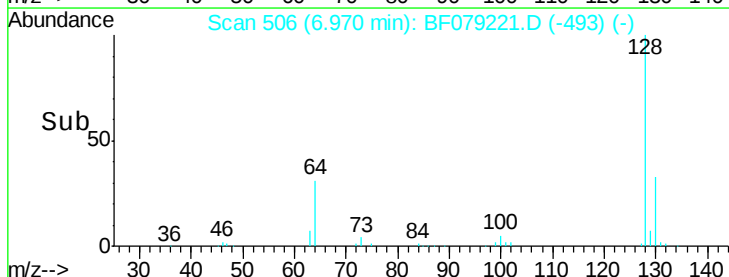
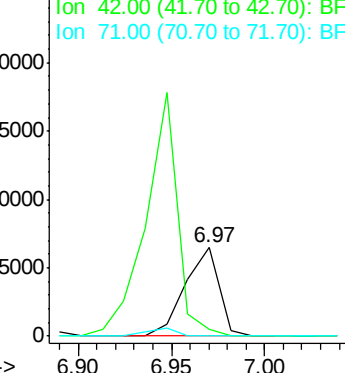
Lab File: BF079221.D

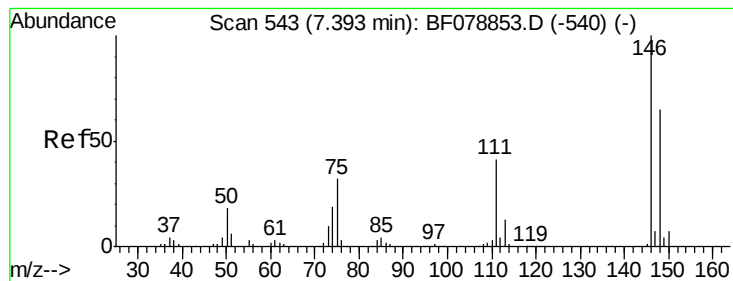
Acq: 14 May 2015 5:21

Tgt Ion:	99	Resp:	8175
Ion	Ratio	Lower	Upper
99	100		
42	8.0	12.8	19.2#
71	0.0	23.4	35.2#



Abundance Ion 99.00 (98.70 to 99.70): BF079221.D (-493) (-)





#13

1,4-Dichlorobenzene

Concen: 10.74 ng

RT: 7.44 min Scan# 547

Delta R.T. 0.05 min

Lab File: BF079221.D

Acq: 14 May 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

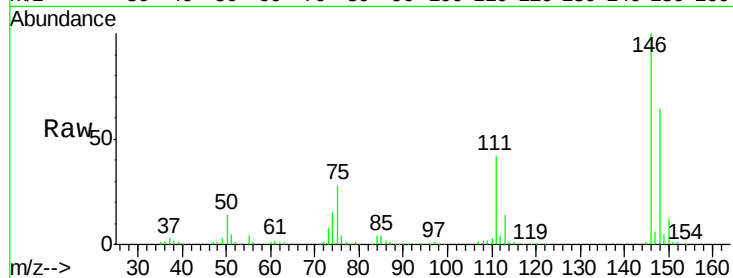
Tgt Ion:146 Resp: 174982

Ion Ratio Lower Upper

146 100

148 63.5 52.8 79.2

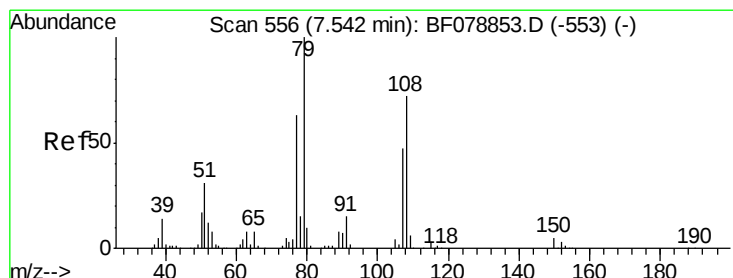
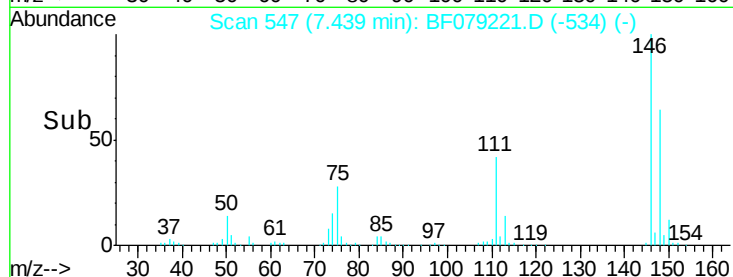
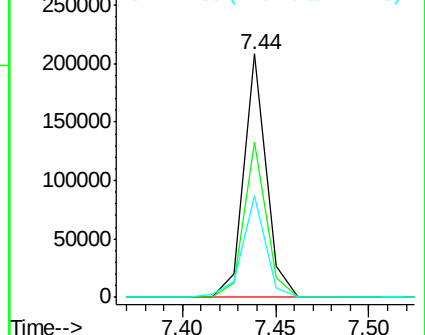
111 41.9 31.7 47.5



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: 6.49 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF079221.D

Acq: 14 May 2015 5:21

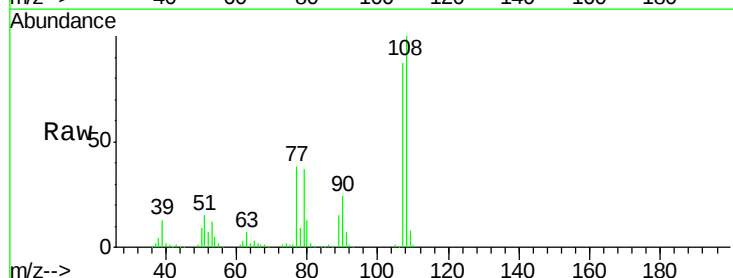
Tgt Ion: 79 Resp: 79092

Ion Ratio Lower Upper

79 100

108 268.3 62.5 93.7#

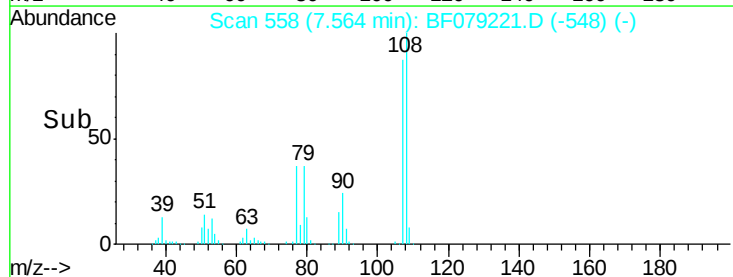
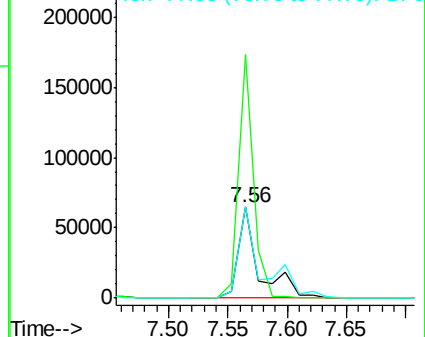
77 100.7 52.2 78.4#

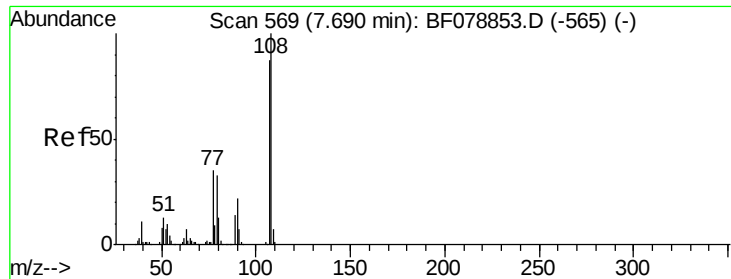


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

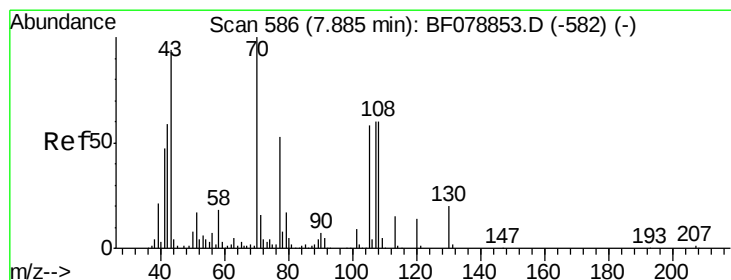
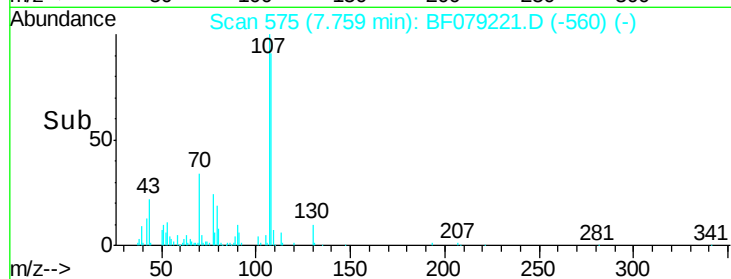
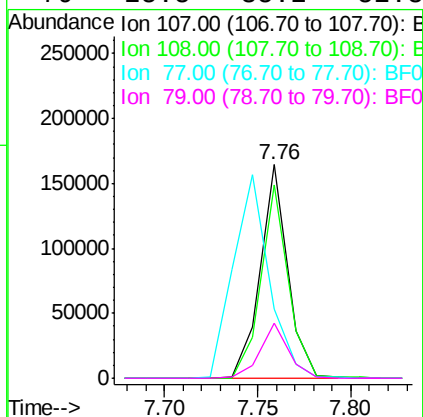
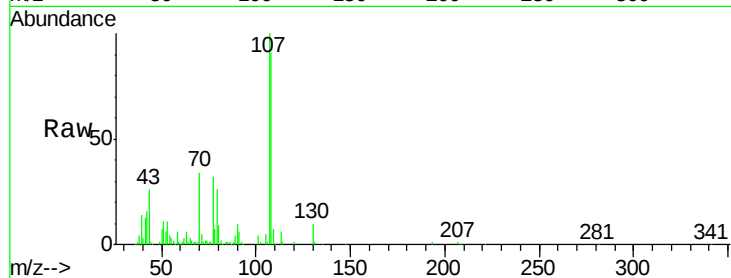




#17
 2-Methylphenol
 Concen: 14.78 ng
 RT: 7.76 min Scan# 575
 Delta R.T. 0.07 min
 Lab File: BF079221.D
 Acq: 14 May 2015 5:21

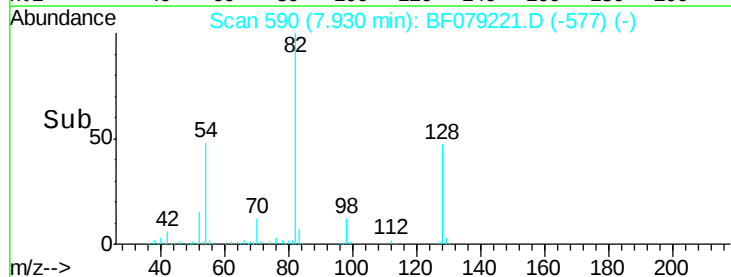
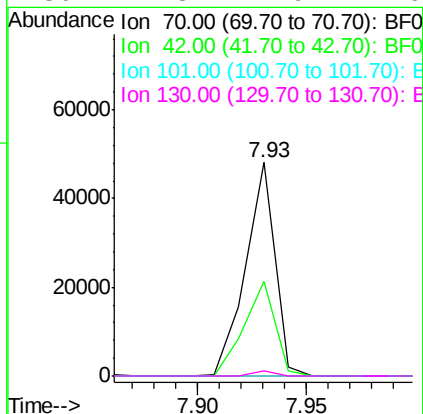
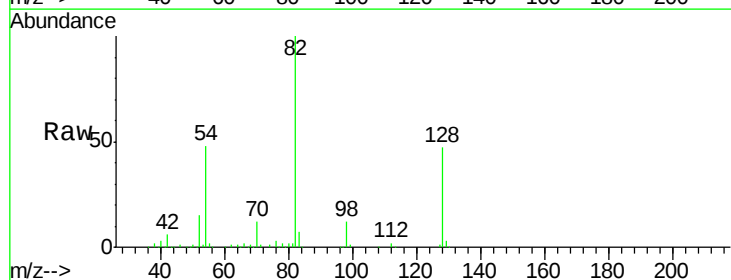
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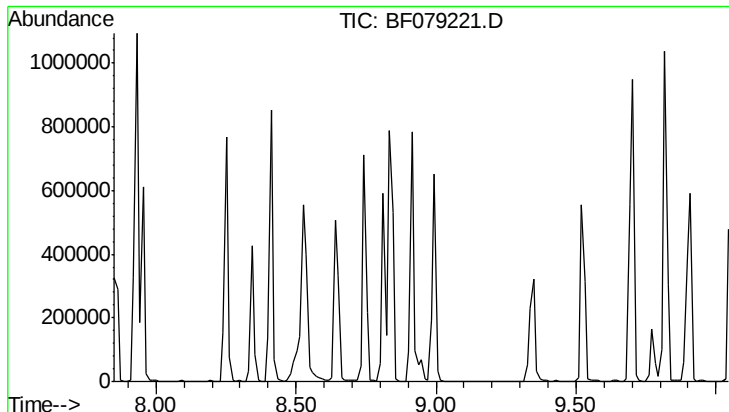
Tgt Ion:	107	Resp:	167602
Ion	Ratio	Lower	Upper
107	100		
108	90.7	94.9	142.3#
77	32.3	36.2	54.4#
79	25.5	35.2	52.8#



#19
 n-Nitroso-di-n-propylamine
 Concen: 4.09 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.05 min
 Lab File: BF079221.D
 Acq: 14 May 2015 5:21

Tgt Ion:	70	Resp:	45392
Ion	Ratio	Lower	Upper
70	100		
42	44.3	55.4	83.0#
101	0.0	6.6	10.0#
130	2.3	11.9	17.9#

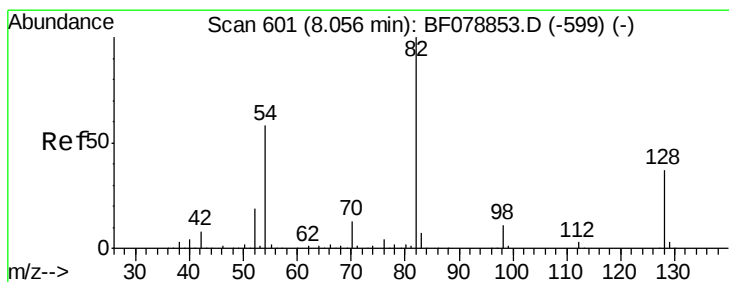
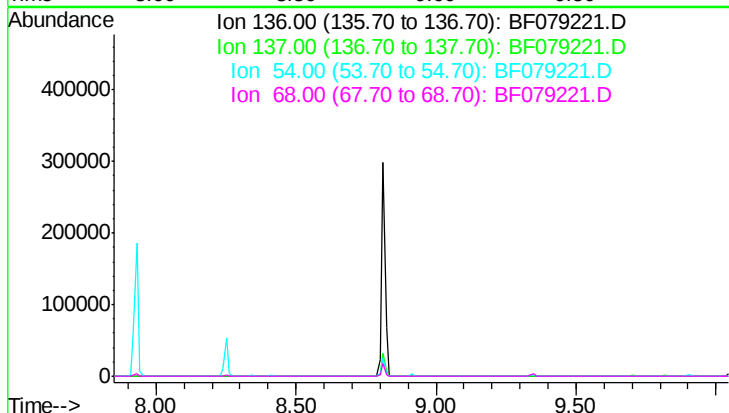




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.95 min
Lab File: BF079221.D
Acq: 14 May 2015 5:21

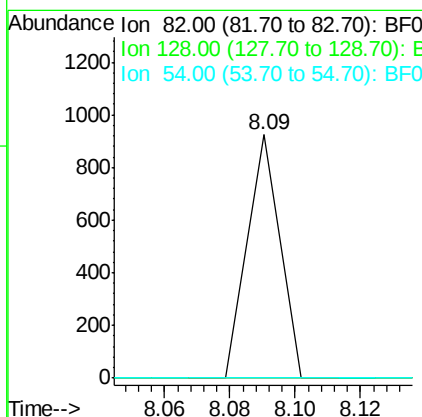
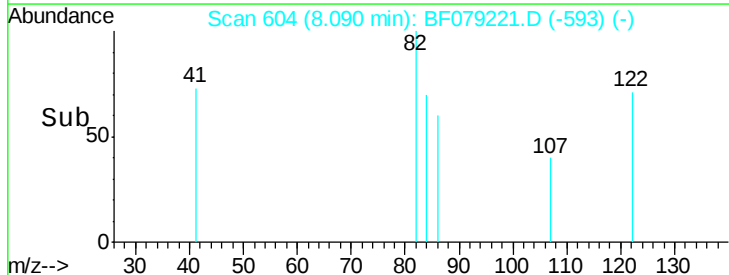
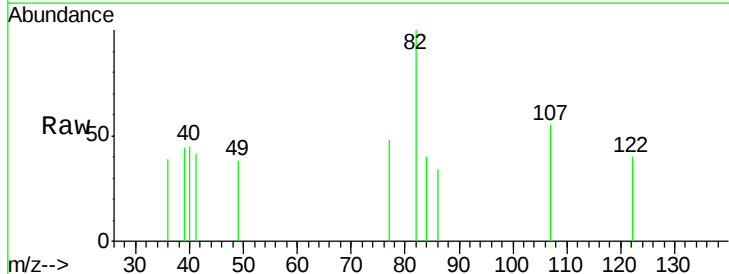
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

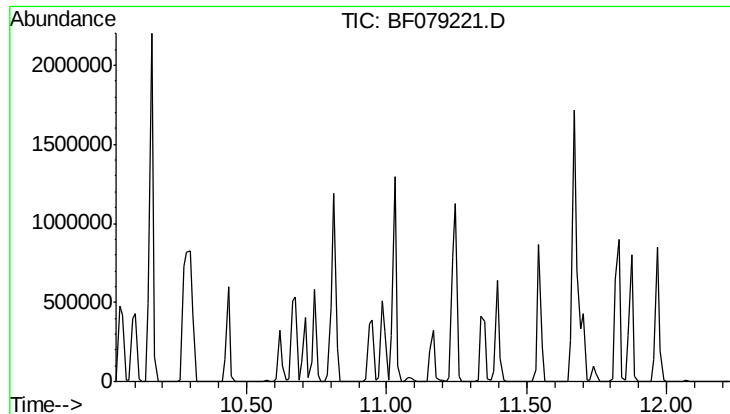
Tgt Ion: 136
Sig Exp Ratio
136 100
137 10.9
54 7.3
68 5.3



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 8.09 min Scan# 604
Delta R.T. 0.02 min
Lab File: BF079221.D
Acq: 14 May 2015 5:21

Tgt Ion: 82 Resp: 634
Ion Ratio Lower Upper
82 100
128 0.0 30.0 45.0#
54 0.0 46.4 69.6#

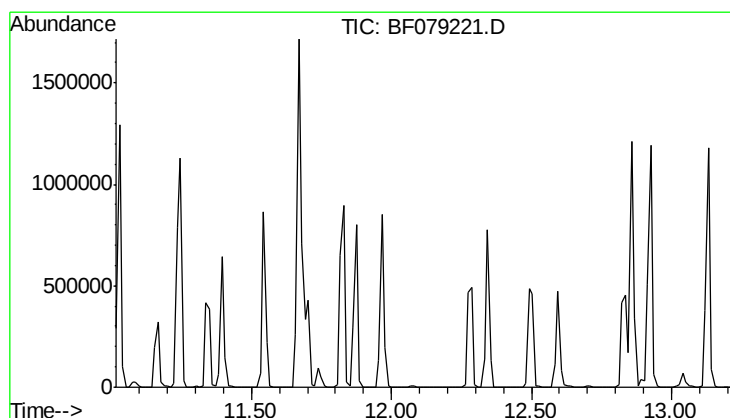
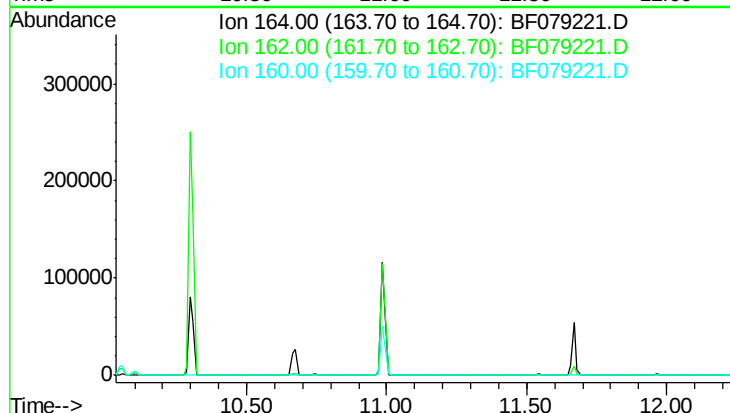




#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 11.13 min
 Lab File: BF079221.D
 Acq: 14 May 2015 5:21

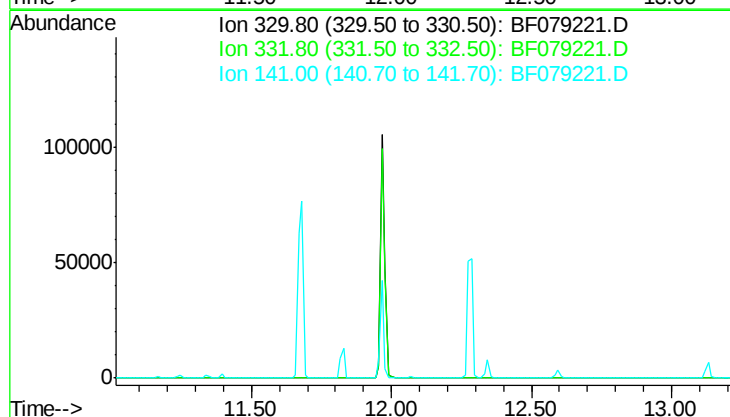
Instrument :
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 ClientSampleId :
 SSTDCCC040

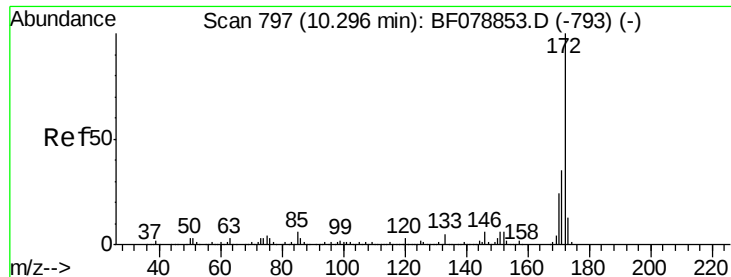
Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 103.4
 160 44.8



#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 12.11 min
 Lab File: BF079221.D
 Acq: 14 May 2015 5:21

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0

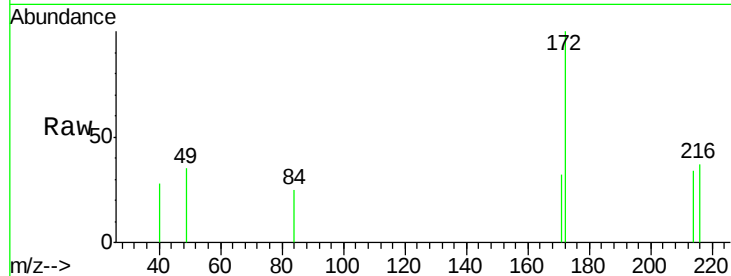




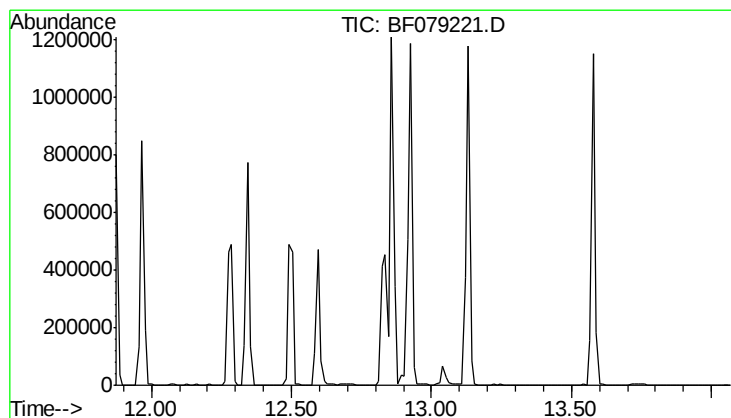
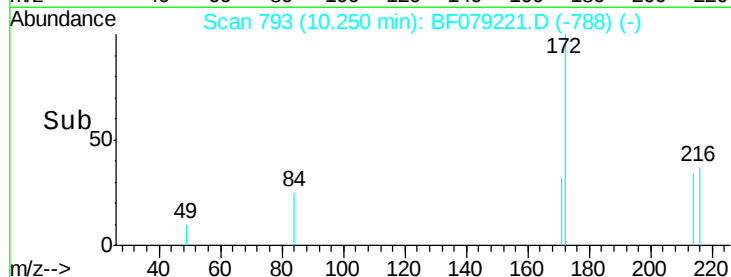
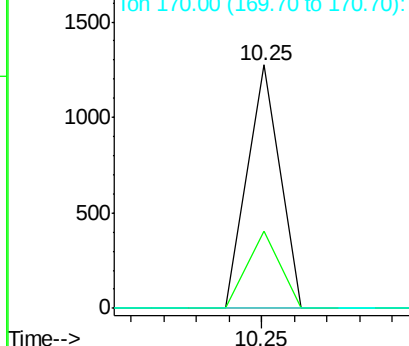
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 10.25 min Scan# 793
 Delta R.T. -0.05 min
 Lab File: BF079221.D
 Acq: 14 May 2015 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 172 Resp: 874
 Ion Ratio Lower Upper
 172 100
 171 31.8 27.9 41.9
 170 0.0 19.4 29.0#

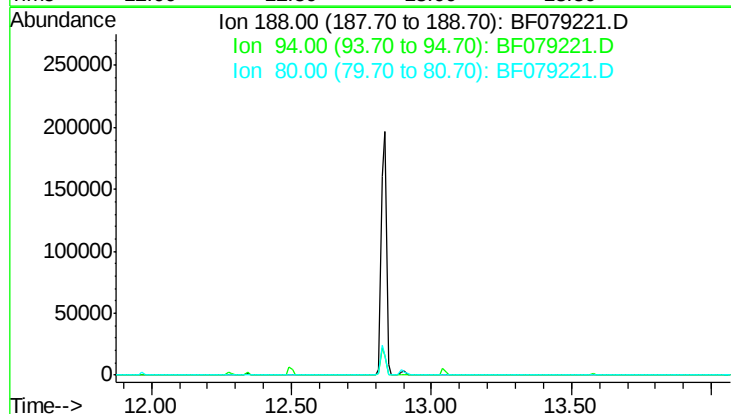


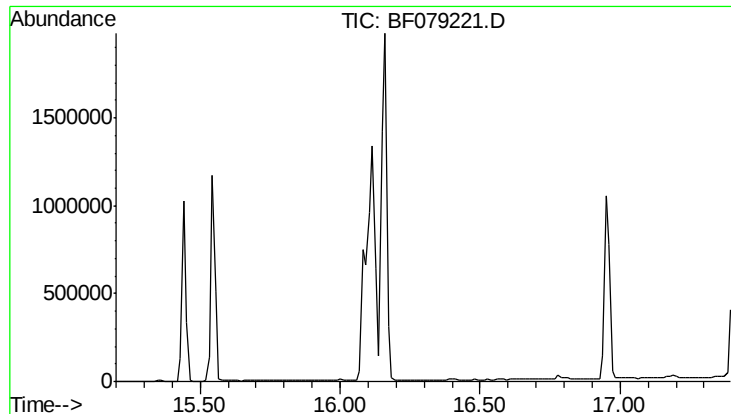
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.97 min
 Lab File: BF079221.D
 Acq: 14 May 2015 5:21

Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 10.2
 80 11.1





#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 16.30 min

Lab File: BF079221.D

Acq: 14 May 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

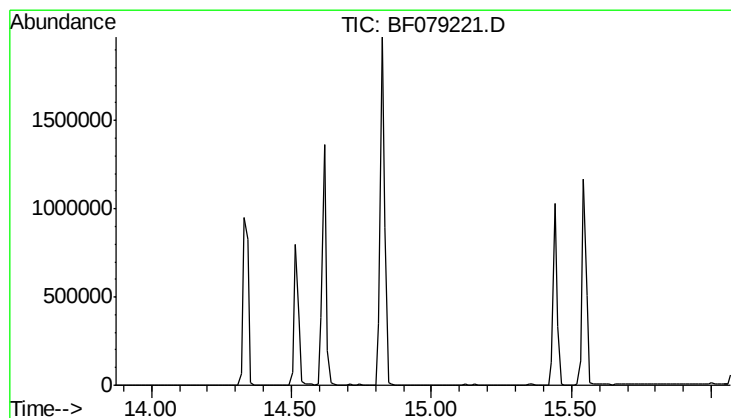
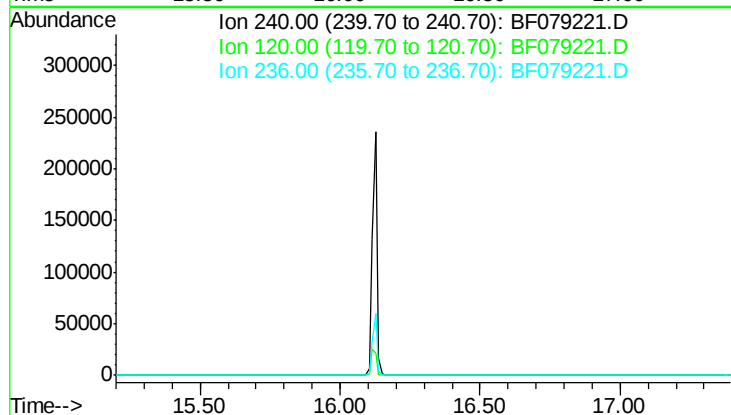
Tgt Ion: 240

Sig Exp Ratio

240 100

120 12.1

236 25.3



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.97 min

Lab File: BF079221.D

Acq: 14 May 2015 5:21

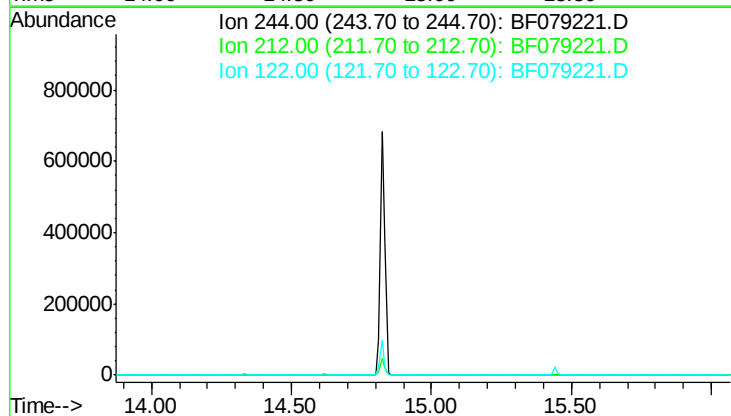
Tgt Ion: 244

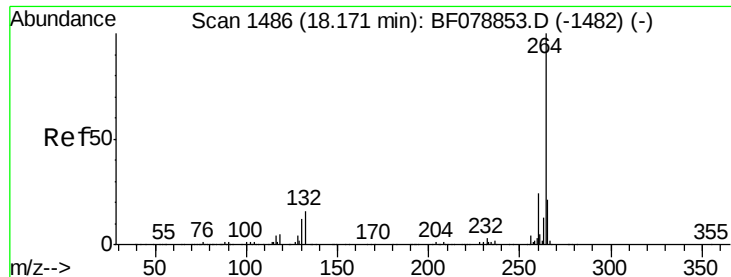
Sig Exp Ratio

244 100

212 7.0

122 12.9



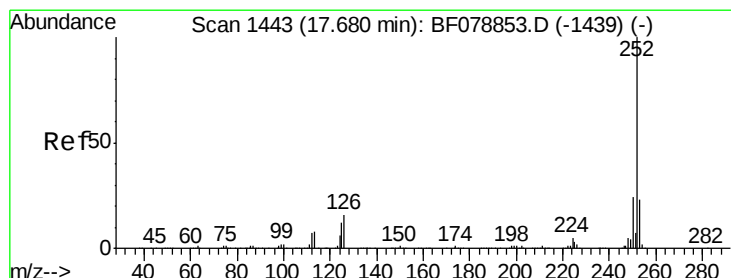
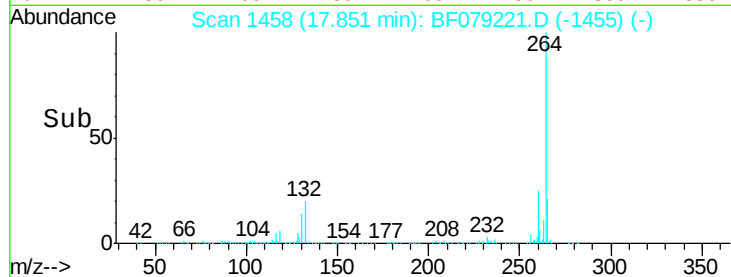
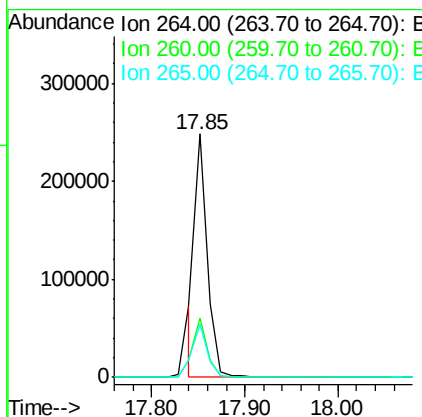
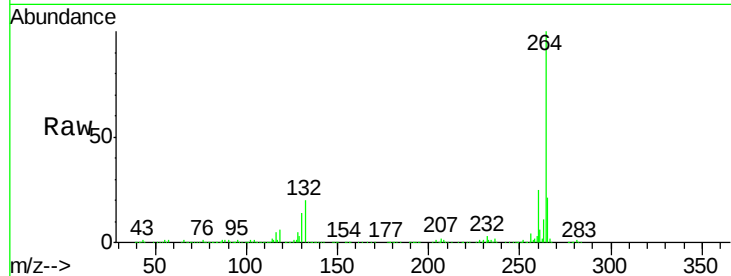


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1458
Delta R.T. -0.26 min
Lab File: BF079221.D
Acq: 14 May 2015 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 230539

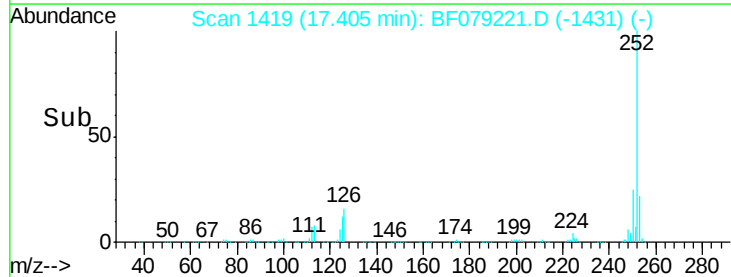
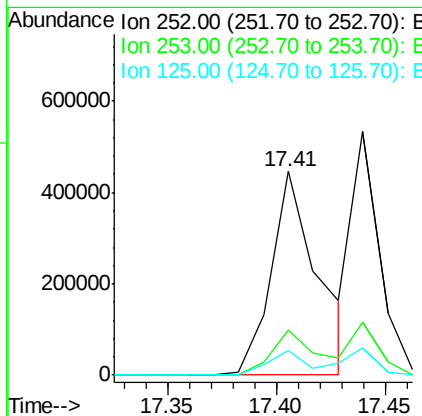
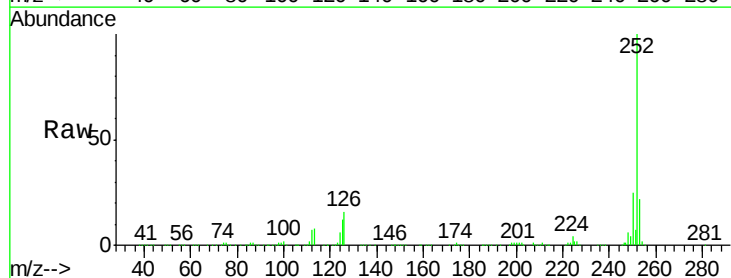
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.5	18.3	27.5

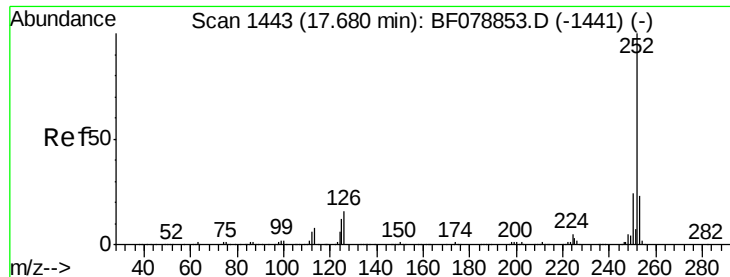


#87
Benzo(b)fluoranthene
Concen: 53.00 ng
RT: 17.41 min Scan# 1419
Delta R.T. -0.24 min
Lab File: BF079221.D
Acq: 14 May 2015 5:21

Tgt Ion: 252 Resp: 668762

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	12.1	9.5	14.3





#88

Benzo(k)fluoranthene

Concen: 54.75 ng

RT: 17.41 min Scan# 1419

Delta R.T. -0.27 min

Lab File: BF079221.D

Acq: 14 May 2015 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

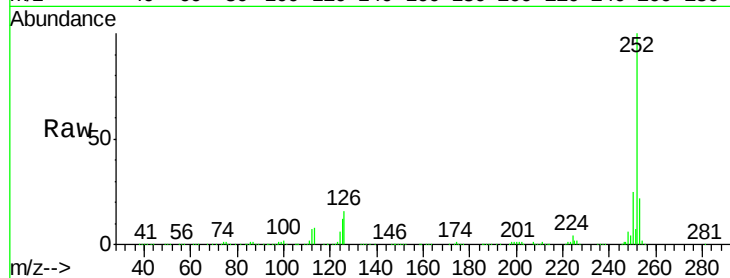
Tgt Ion:252 Resp: 668762

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

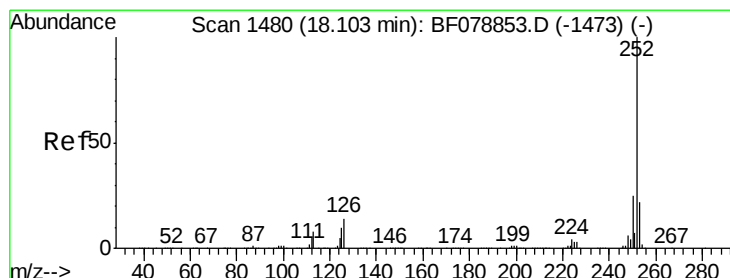
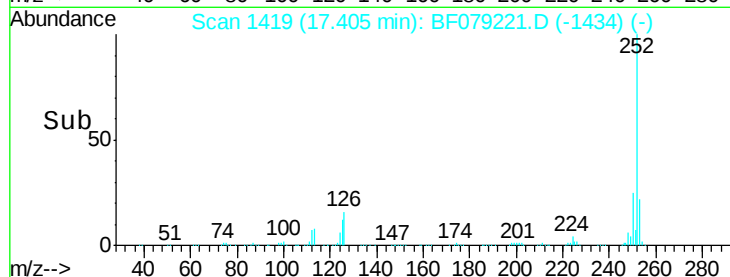
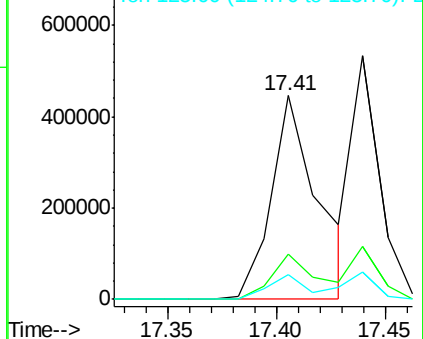
125 12.1 10.0 15.0



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



#89

Benzo(a)pyrene

Concen: 47.34 ng

RT: 17.79 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF079221.D

Acq: 14 May 2015 5:21

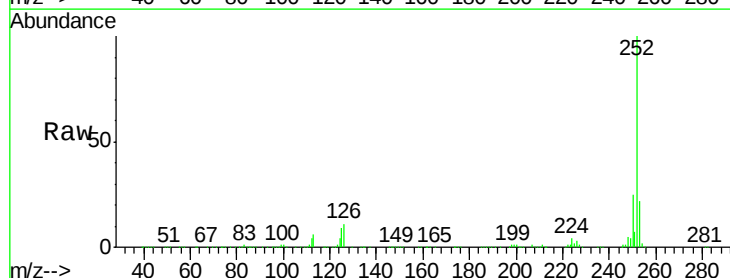
Tgt Ion:252 Resp: 550077

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.7 7.0 10.6



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

