

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
 Data File : BF078353.D
 Acq On : 9 Apr 2015 00:22
 Operator : TP/IZ
 Sample : G1793-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3DA

Quant Time: Apr 09 01:12:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 00:49:15 2015
 Response via : Initial Calibration

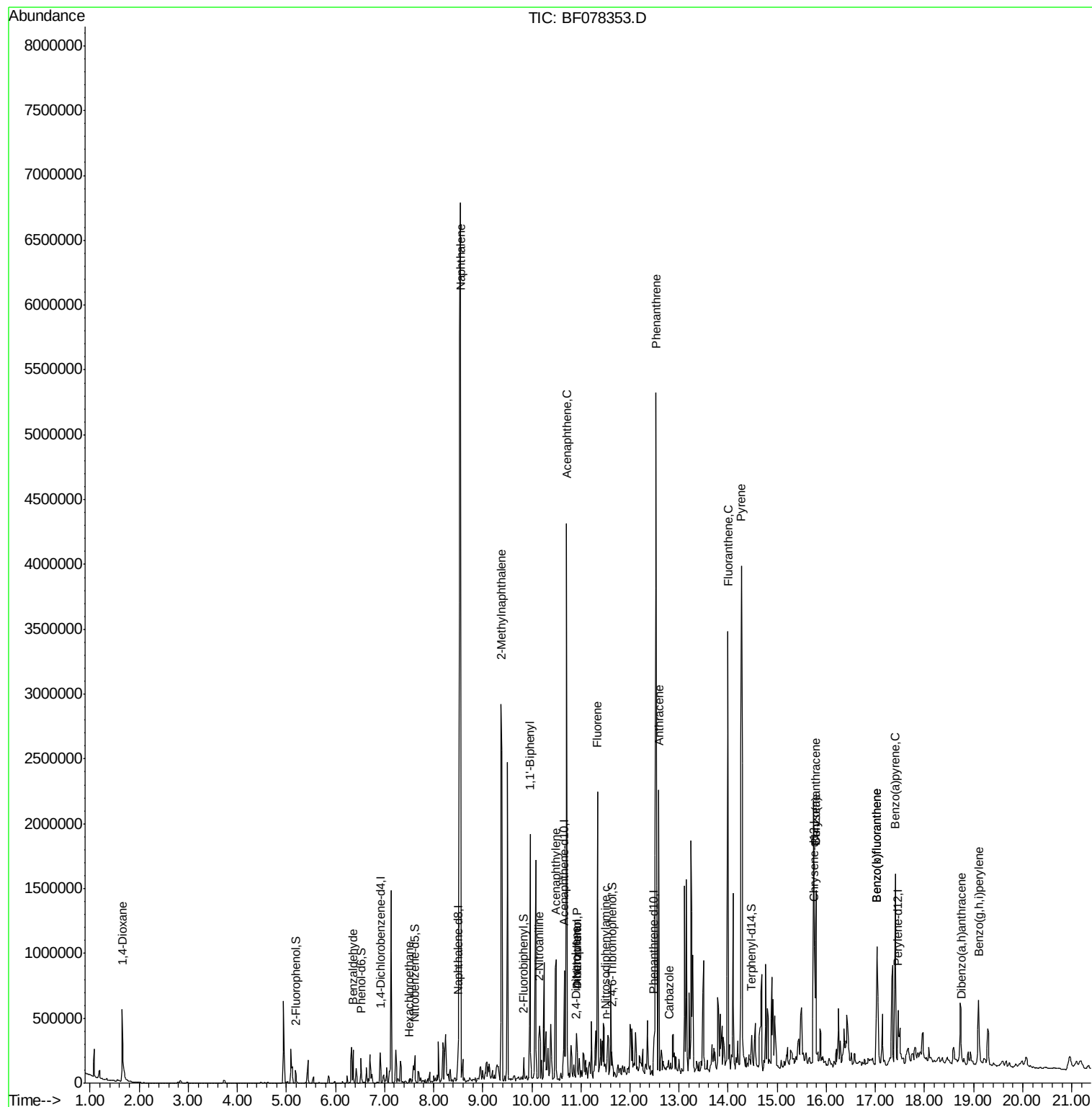
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	41155	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	162187	20.00	ng	0.01
38) Acenaphthene-d10	10.66	164	83999	20.00	ng	0.01
63) Phenanthrene-d10	12.49	188	157940	20.00	ng	0.01
75) Chrysene-d12	15.76	240	161061	20.00	ng	-0.01
86) Perylene-d12	17.46	264	160323	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	41619	16.67	ng	0.01
7) Phenol-d6	6.52	99	52795	16.88	ng	0.01
23) Nitrobenzene-d5	7.61	82	29194	10.91	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	10976	15.76	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	62826	10.69	ng	0.00
78) Terphenyl-d14	14.48	244	74492	10.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.65	88	20753	18.39	ng	# 23
9) Benzaldehyde	6.36	77	9497	4.58	ng	# 1
18) Hexachloroethane	7.49	117	3886	3.53	ng	# 15
31) Naphthalene	8.54	128	5229392	619.48	ng	# 93
37) 2-Methylnaphthalene	9.38	142	1256138	219.17	ng	96
45) 1,1'-Biphenyl	9.96	154	603857	87.89	ng	98
47) 2-Nitroaniline	10.16	65	3098	2.32	ng	# 40
48) Acenaphthylene	10.49	152	497820	57.03	ng	97
51) Acenaphthene	10.70	154	1142288	232.41	ng	98
54) Dibenzofuran	10.91	168	81921	10.91	ng	98
55) 4-Nitrophenol	10.91	139	29998	29.41	ng	# 23
56) 2,4-Dinitrotoluene	10.90	165	10652	6.33	ng	# 68
57) Fluorene	11.33	166	938396	154.22	ng	99
65) n-Nitrosodiphenylamine	11.49	169	17142	3.14	ng	# 1
70) Phenanthrene	12.53	178	3441052	376.65	ng	95
71) Anthracene	12.59	178	1091201	121.21	ng	99
72) Carbazole	12.80	167	25677	3.04	ng	# 91
74) Fluoranthene	14.00	202	2013167	208.95	ng	95
77) Pyrene	14.27	202	2724752	269.49	ng	93
80) Benzo(a)anthracene	15.79	228	579715	60.50	ng	93
82) Chrysene	15.79	228	630238	70.00	ng	98
87) Benzo(b)fluoranthene	17.03	252	695680	70.21	ng	# 94
88) Benzo(k)fluoranthene	17.03	252	853408	96.92	ng	98
89) Benzo(a)pyrene	17.40	252	768311	88.85	ng	# 94
90) Dibenzo(a,h)anthracene	18.75	278	50714	5.86	ng	96
91) Benzo(g,h,i)perylene	19.11	276	410544	47.30	ng	96

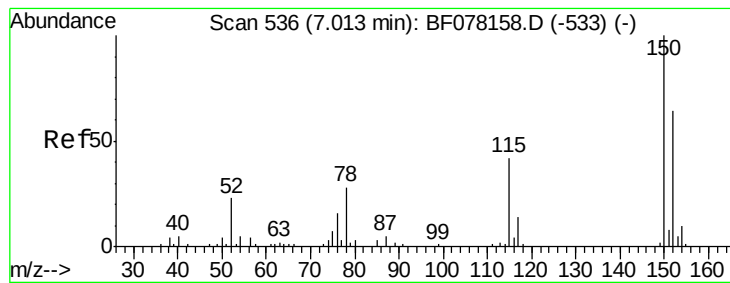
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF078353.D

Acq: 9 Apr 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB-3DA

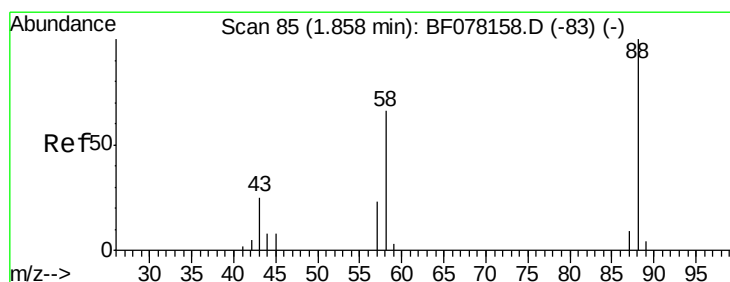
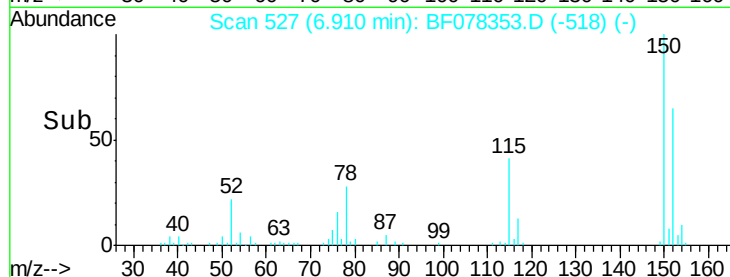
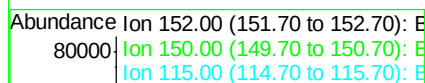
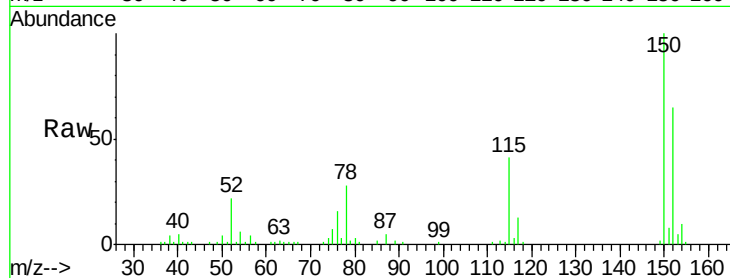
Tgt Ion:152 Resp: 41155

Ion Ratio Lower Upper

152 100

150 152.9 125.9 188.9

115 62.3 52.7 79.1



#2

1,4-Dioxane

Concen: 18.39 ng

RT: 1.65 min Scan# 67

Delta R.T. -0.07 min

Lab File: BF078353.D

Acq: 9 Apr 2015 00:22

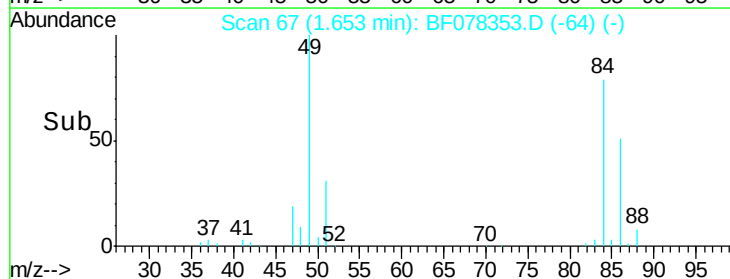
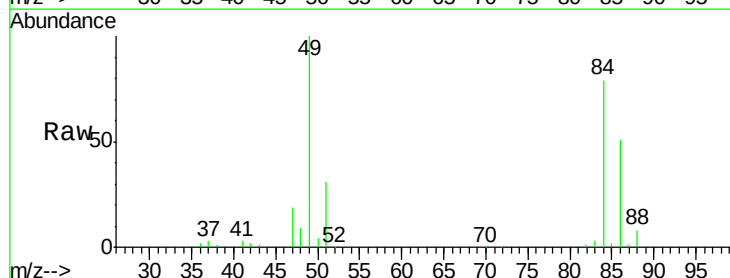
Tgt Ion: 88 Resp: 20753

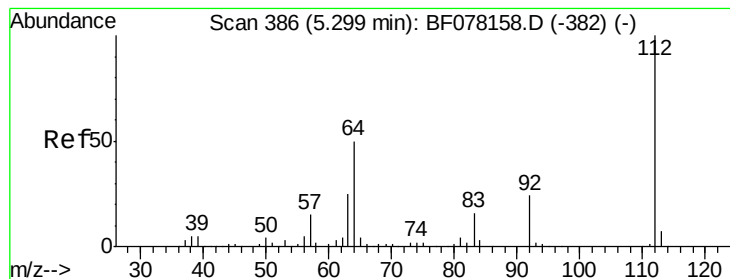
Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

43 0.0 21.4 32.2#





#5

2-Fluorophenol

Concen: 16.67 ng

RT: 5.18 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF078353.D

Acq: 9 Apr 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB-3DA

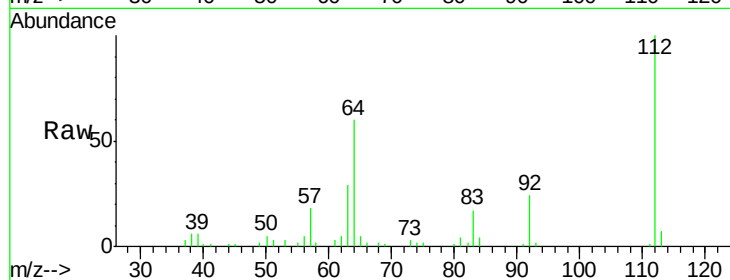
Tgt Ion: 112 Resp: 41619

Ion Ratio Lower Upper

112 100

64 60.3 39.9 59.9#

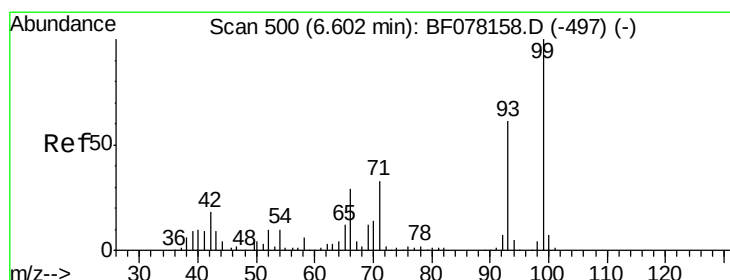
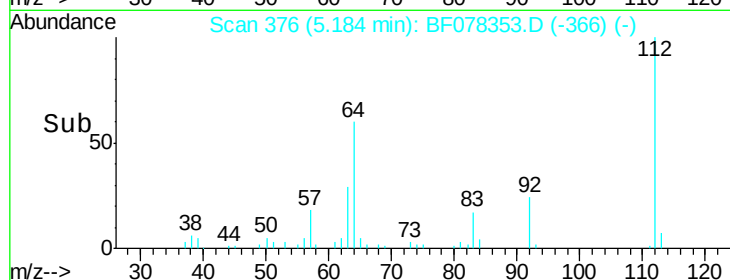
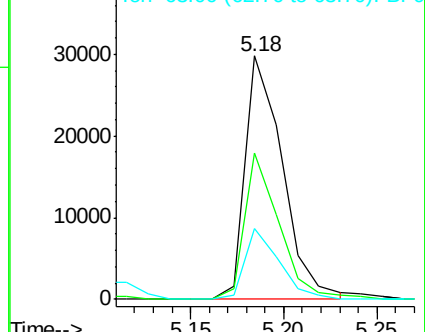
63 29.0 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 16.88 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.01 min

Lab File: BF078353.D

Acq: 9 Apr 2015 00:22

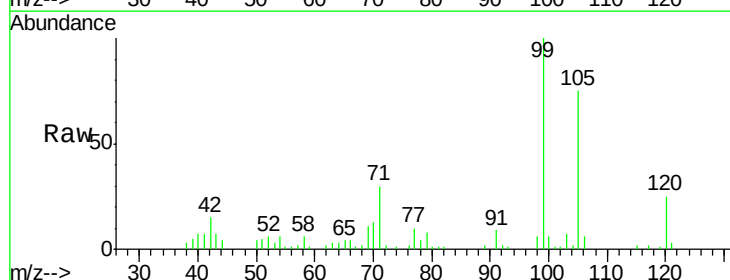
Tgt Ion: 99 Resp: 52795

Ion Ratio Lower Upper

99 100

42 15.2 14.8 22.2

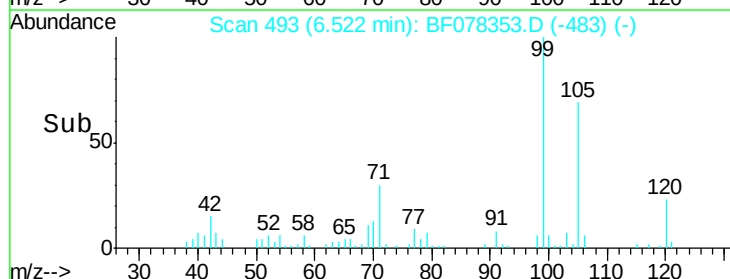
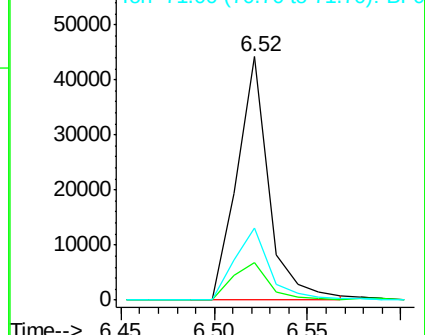
71 29.8 26.6 39.8

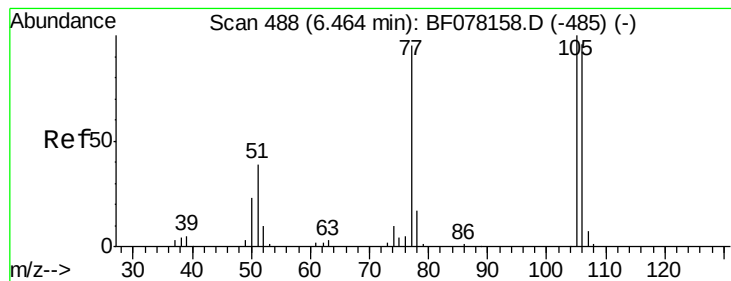


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 4.58 ng

RT: 6.36 min Scan# 479

Delta R.T. 0.01 min

Lab File: BF078353.D

Acq: 9 Apr 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB-3DA

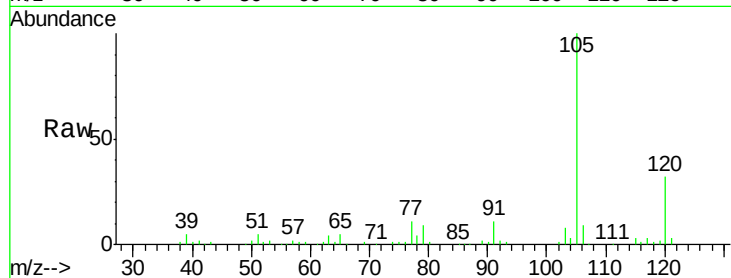
Tgt Ion: 77 Resp: 9497

Ion Ratio Lower Upper

77 100

105 878.1 85.4 125.4#

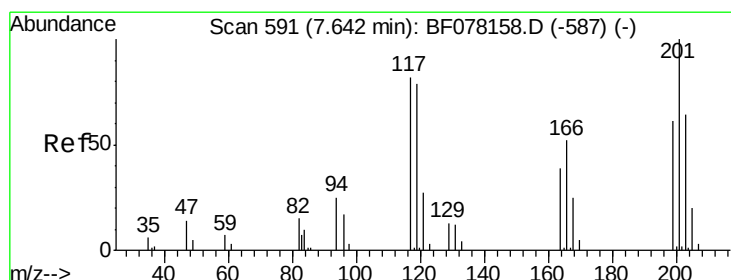
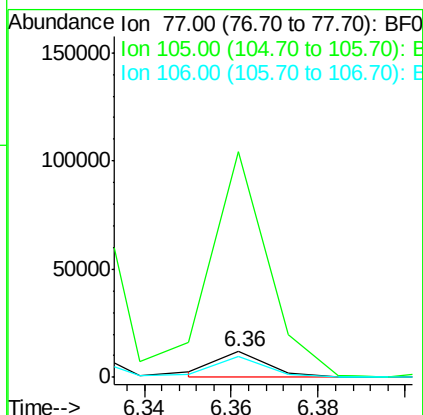
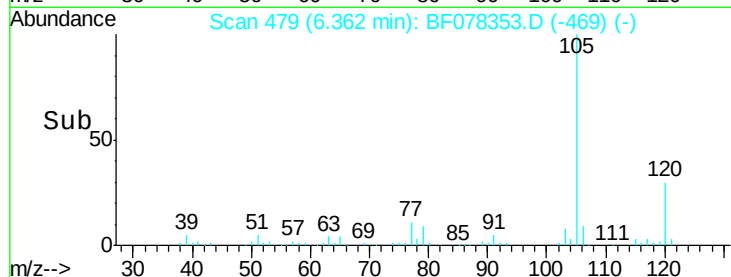
106 80.3 80.8 120.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#18

Hexachloroethane

Concen: 3.53 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF078353.D

Acq: 9 Apr 2015 00:22

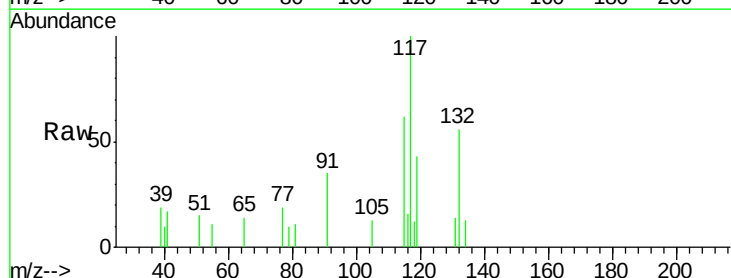
Tgt Ion: 117 Resp: 3886

Ion Ratio Lower Upper

117 100

119 43.3 77.0 115.6#

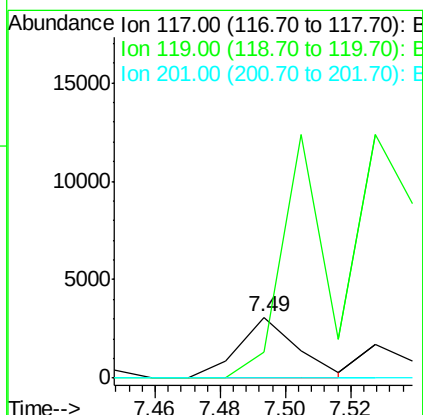
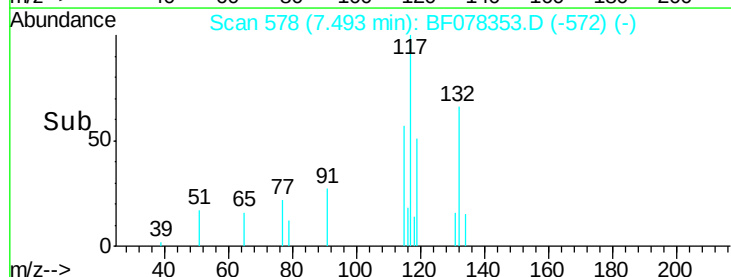
201 0.0 98.1 147.1#

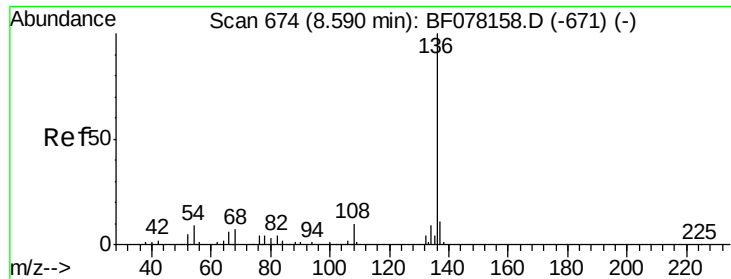


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

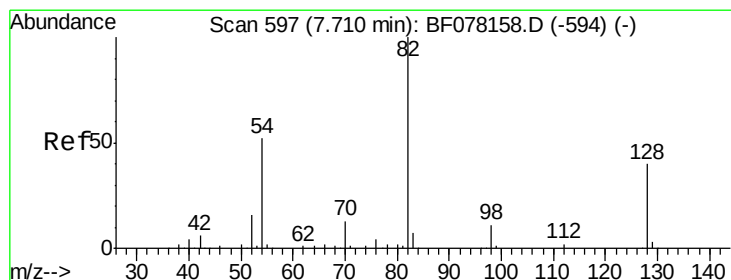
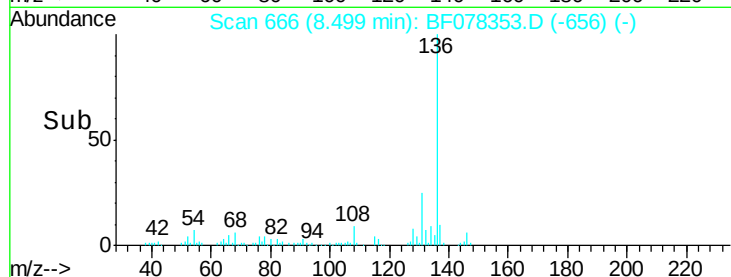
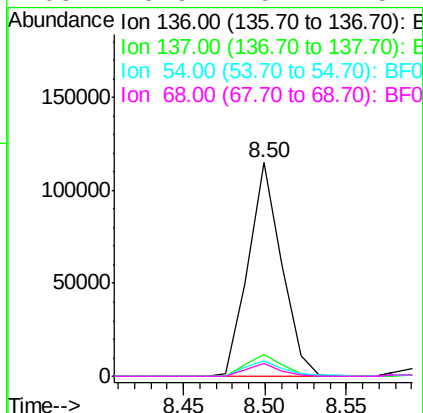
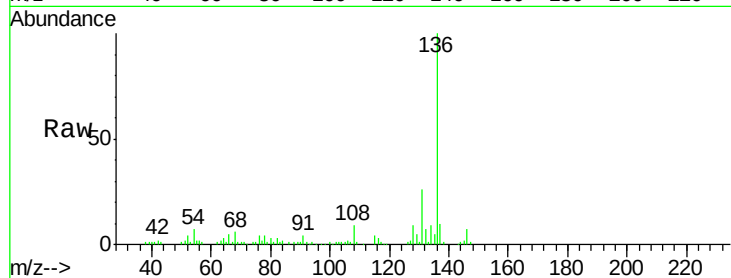




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF078353.D
Acq: 9 Apr 2015 00:22

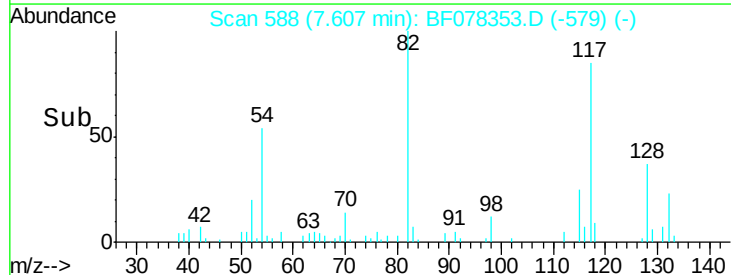
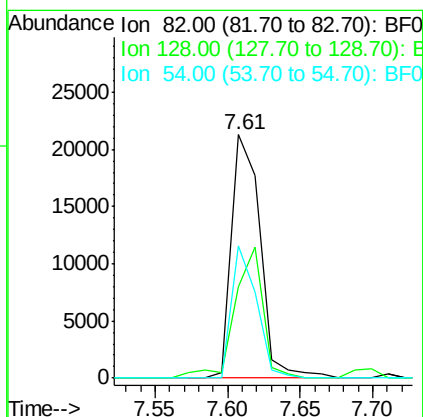
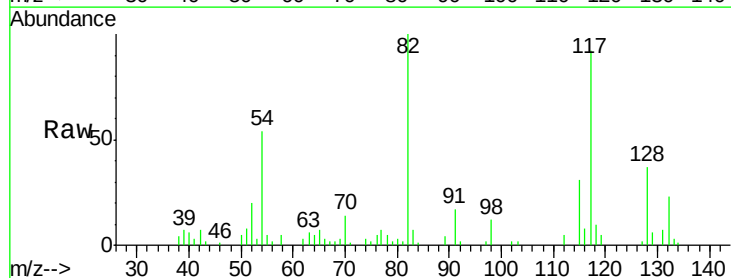
Instrument :
BNA_F
ClientSampleId :
SB-3DA

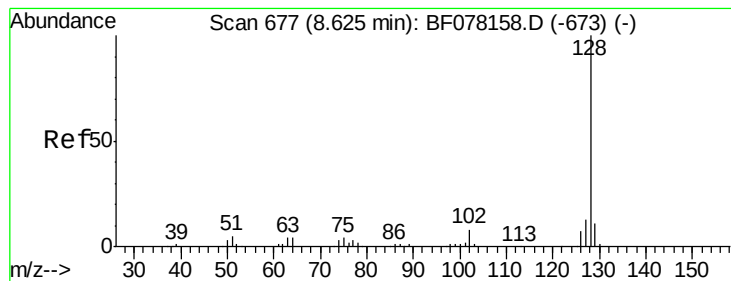
Tgt Ion:	136	Resp:	162187
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	7.1	7.0	10.6
68	5.9	5.4	8.2



#23
Nitrobenzene-d5
Concen: 10.91 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078353.D
Acq: 9 Apr 2015 00:22

Tgt Ion:	82	Resp:	29194
Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.8	47.8
54	54.4	41.5	62.3





#31

Naphthalene

Concen: 619.48 ng

RT: 8.54 min Scan# 670

Delta R.T. 0.03 min

Lab File: BF078353.D

Acq: 9 Apr 2015 00:22

Instrument :

BNA_F

ClientSampleId :

SB-3DA

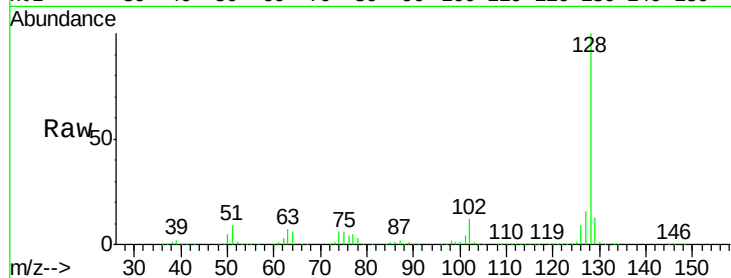
Tgt Ion:128 Resp: 5229392

Ion Ratio Lower Upper

128 100

129 13.3 8.6 12.8#

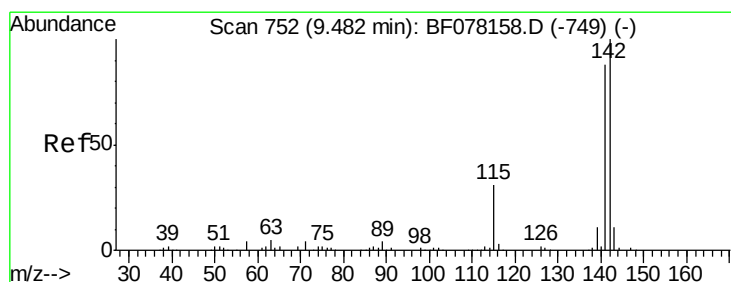
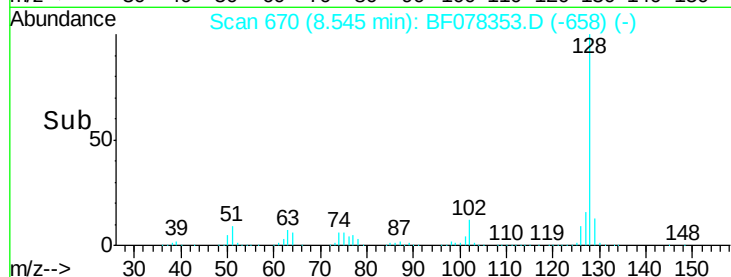
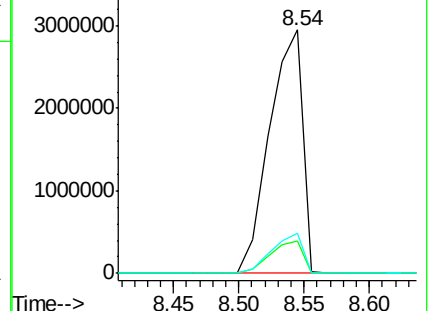
127 16.3 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 219.17 ng

RT: 9.38 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF078353.D

Acq: 9 Apr 2015 00:22

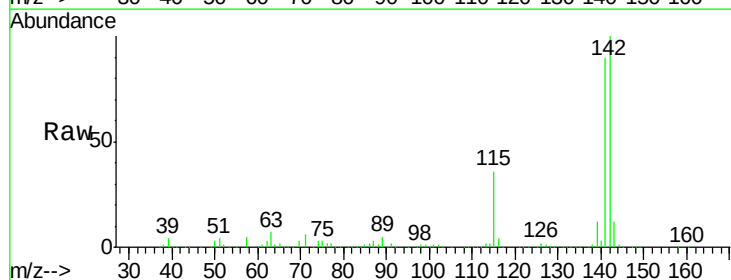
Tgt Ion:142 Resp: 1256138

Ion Ratio Lower Upper

142 100

141 90.0 70.3 105.5

115 36.2 24.6 37.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

