

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079031.D
 Acq On : 8 May 2015 9:57
 Operator : TP/IZ
 Sample : G2077-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 12:47:26 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

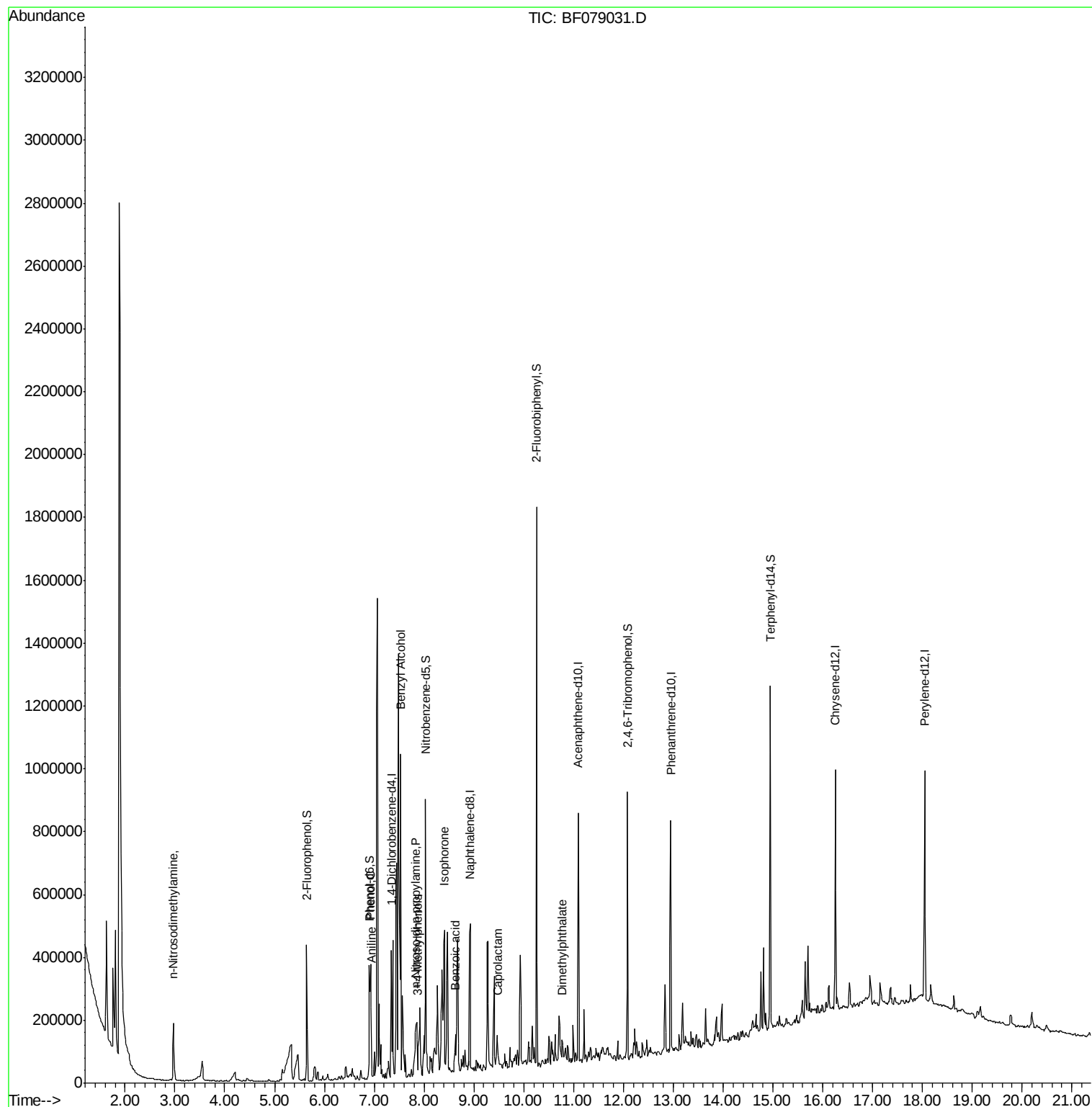
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	73951	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	308916	20.00	ng	-0.02
38) Acenaphthene-d10	11.10	164	152465	20.00	ng	-0.03
63) Phenanthrene-d10	12.95	188	299133	20.00	ng	-0.02
75) Chrysene-d12	16.25	240	327063	20.00	ng	-0.05
86) Perylene-d12	18.05	264	335111	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	131154	30.53	ng	-0.02
7) Phenol-d6	6.90	99	121594	21.41	ng	-0.02
23) Nitrobenzene-d5	8.03	82	269236	50.09	ng	-0.03
41) 2,4,6-Tribromophenol	12.08	330	102557	62.18	ng	-0.03
44) 2-Fluorobiphenyl	10.26	172	524770	47.95	ng	-0.03
78) Terphenyl-d14	14.95	244	504372	36.92	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	2.97	42	8869	3.79	ng	Qvalue # 1
6) Aniline	6.94	93	68375	8.53	ng	96
10) Phenol	6.92	94	65305	9.91	ng	78
15) Benzyl Alcohol	7.53	79	25333	6.01	ng	95
19) n-Nitroso-di-n-propylamine	7.83	70	10553	2.75	ng	# 48
20) 3+4-Methylphenols	7.86	107	51427	9.84	ng	# 39
25) Isophorone	8.41	82	34311	3.44	ng	# 73
32) Benzoic acid	8.63	122	28834	15.37	ng	96
35) Caprolactam	9.47	113	4020	3.17	ng	# 1
49) Dimethylphthalate	10.76	163	29242	2.61	ng	99

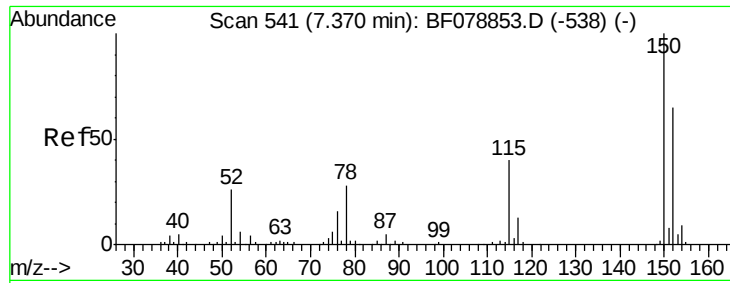
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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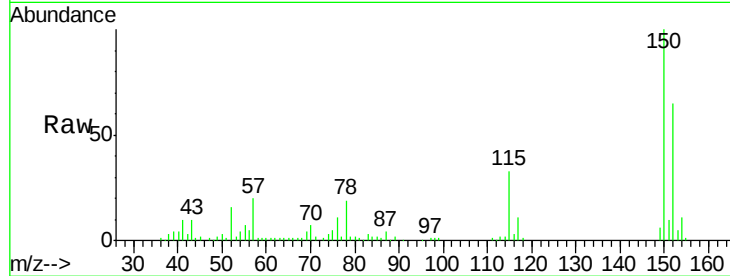


#1

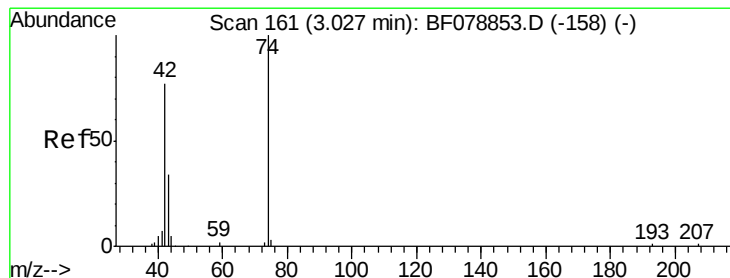
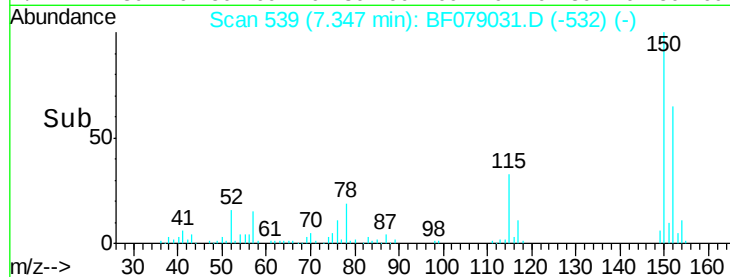
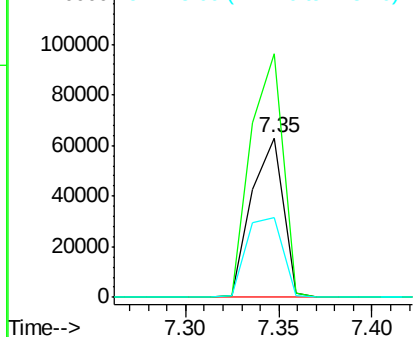
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73951
Ion Ratio Lower Upper
152 100
150 152.7 122.0 183.0
115 50.3 46.3 69.5



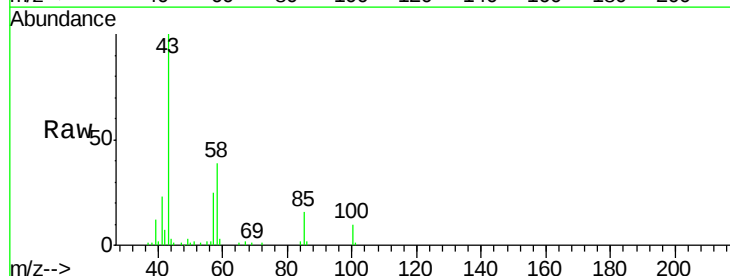
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



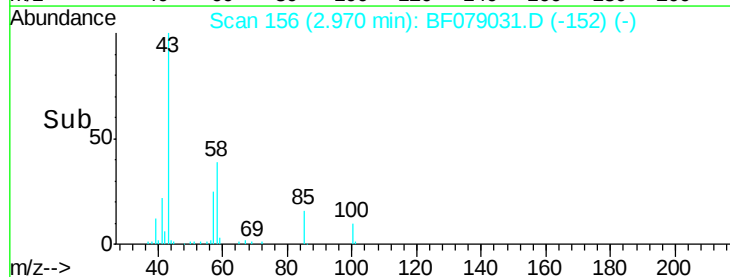
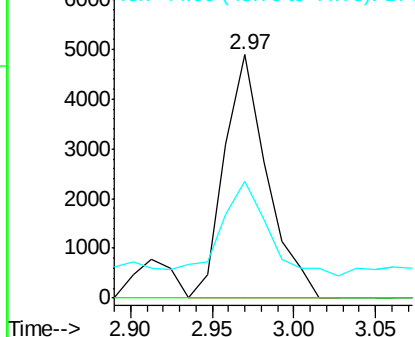
#4

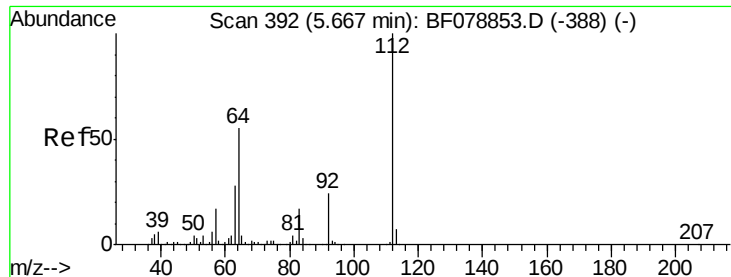
n-Nitrosodimethylamine
Concen: 3.79 ng
RT: 2.97 min Scan# 156
Delta R.T. -0.06 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Tgt Ion: 42 Resp: 8869
Ion Ratio Lower Upper
42 100
74 0.0 96.5 144.7#
44 47.9 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 30.53 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Instrument :

BNA_F

ClientSampleId :

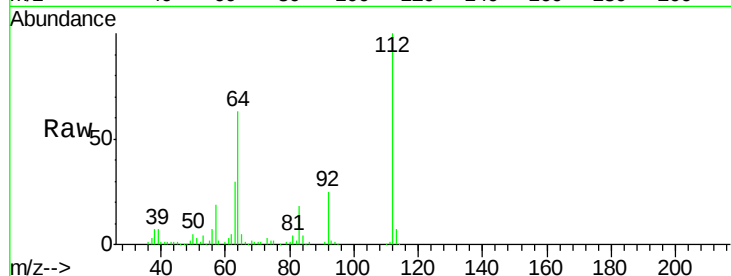
Tot Ion:112 Resp: 131154

Ion Ratio Lower Upper

112 100

64 63.0 53.5 80.3

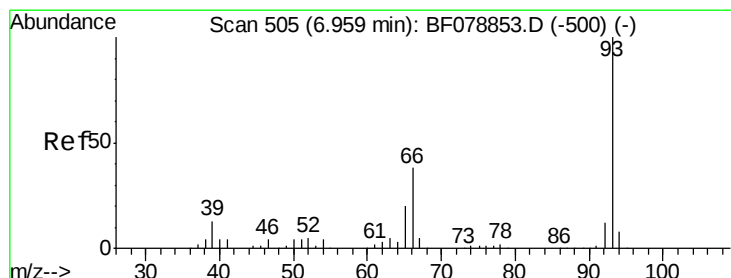
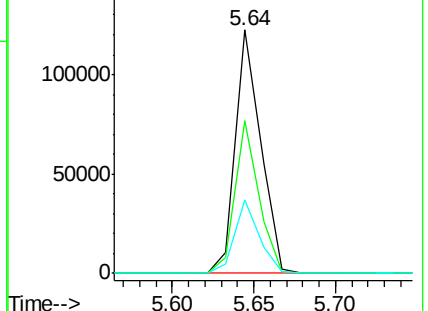
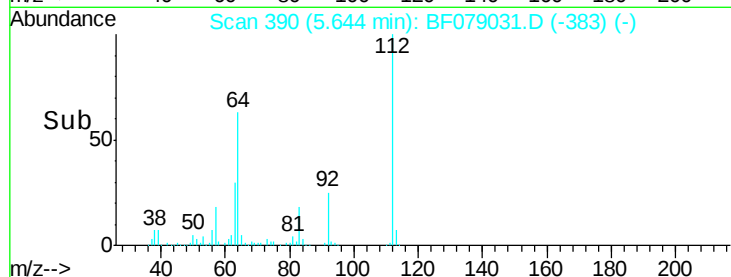
63 30.0 27.5 41.3



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



#6

Aniline

Concen: 8.53 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

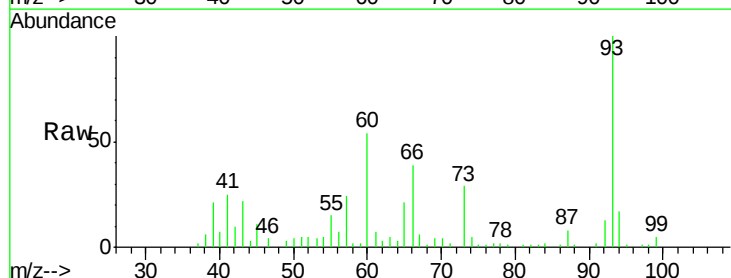
Tgt Ion: 93 Resp: 68375

Ion Ratio Lower Upper

93 100

66 39.2 29.7 44.5

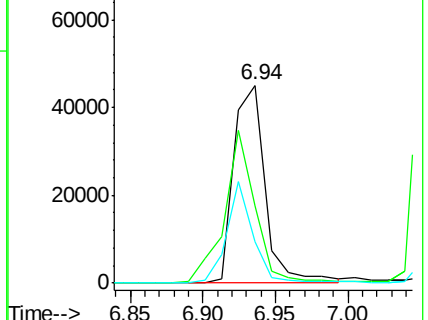
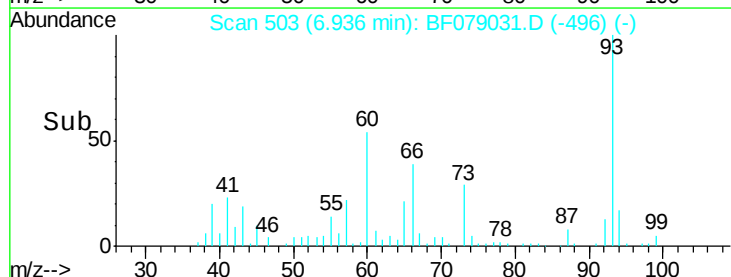
65 21.0 14.6 22.0

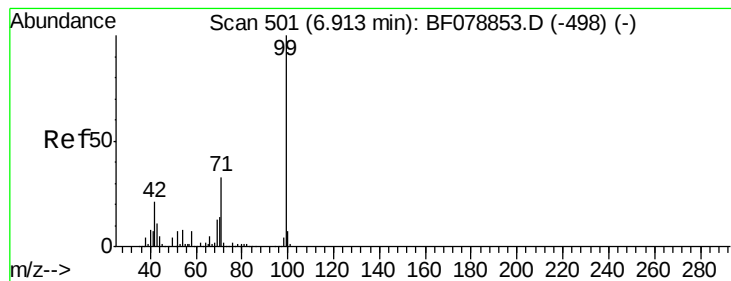


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 21.41 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

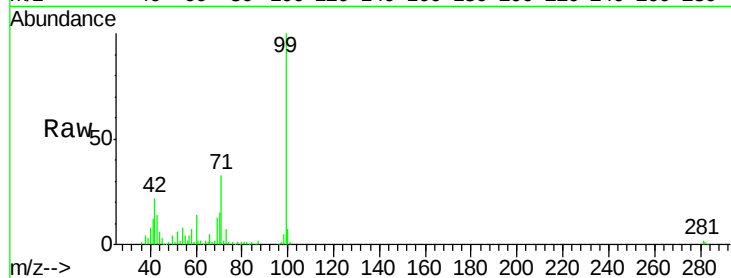
Instrument :

BNA_F

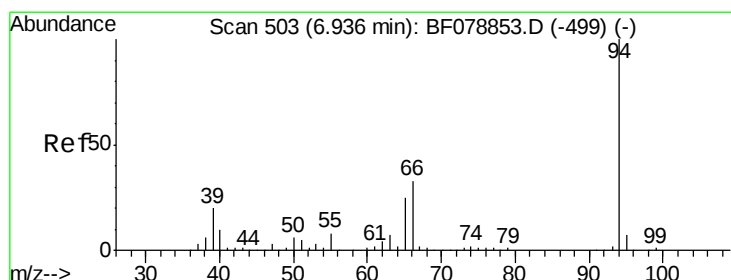
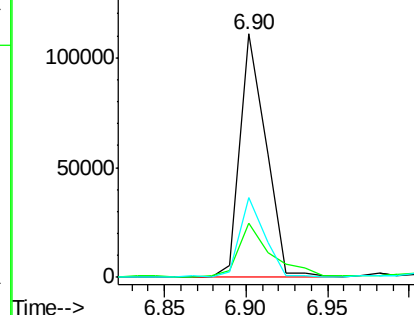
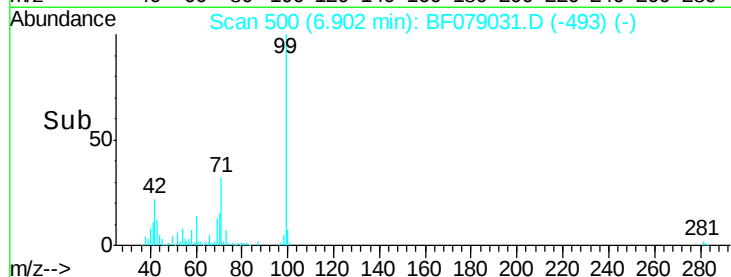
ClientSampled :

Tot Ion: 99 Resp: 121594

Ion	Ratio	Lower	Upper
99	100		
42	22.1	12.8	19.2#
71	32.6	23.4	35.2



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



#10

Phenol

Concen: 9.91 ng

RT: 6.92 min Scan# 502

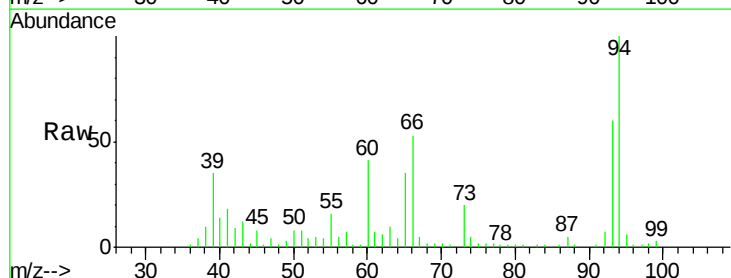
Delta R.T. -0.01 min

Lab File: BF079031.D

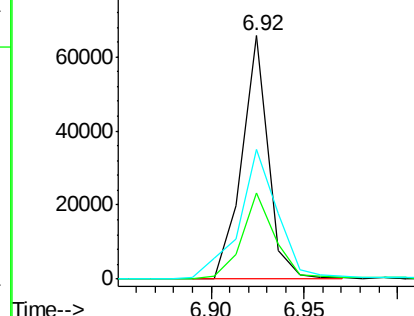
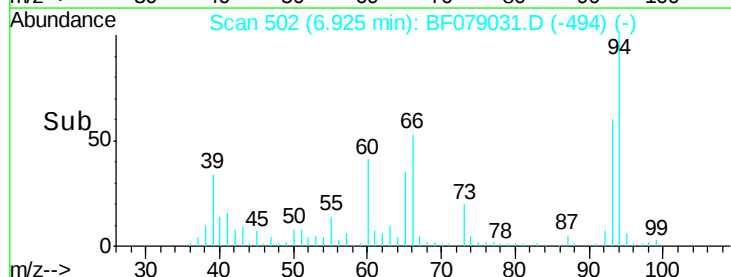
Acq: 8 May 2015 9:57

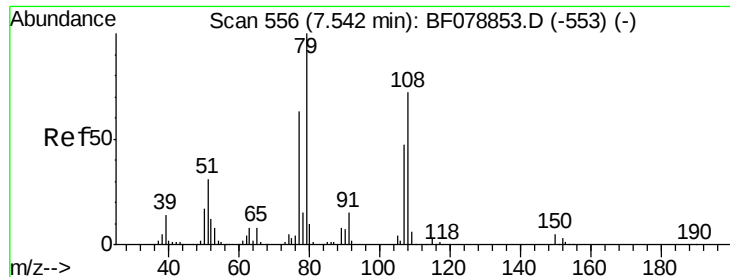
Tgt Ion: 94 Resp: 65305

Ion	Ratio	Lower	Upper
94	100		
65	35.4	8.5	48.5
66	53.1	16.0	56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 6.01 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Instrument :

BNA_F

ClientSampled :

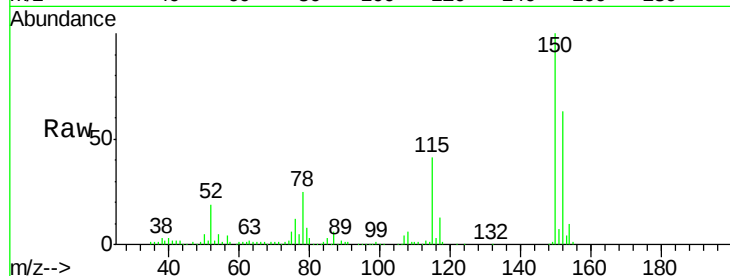
Tot Ion: 79 Resp: 25333

Ion Ratio Lower Upper

79 100

108 74.8 62.5 93.7

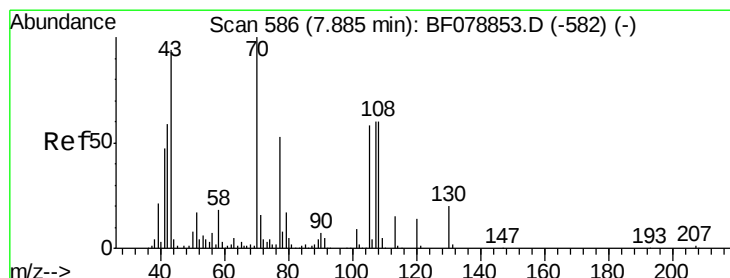
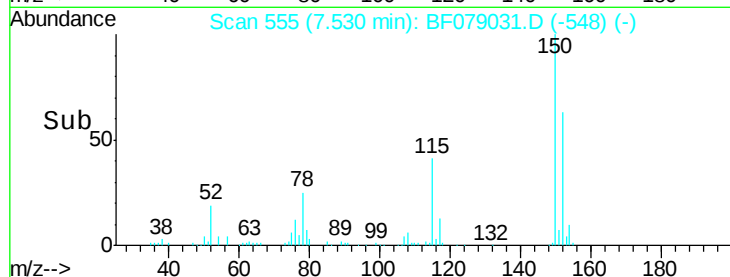
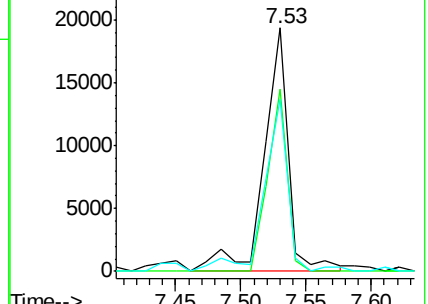
77 70.5 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 2.75 ng

RT: 7.83 min Scan# 581

Delta R.T. -0.06 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Tgt Ion: 70 Resp: 10553

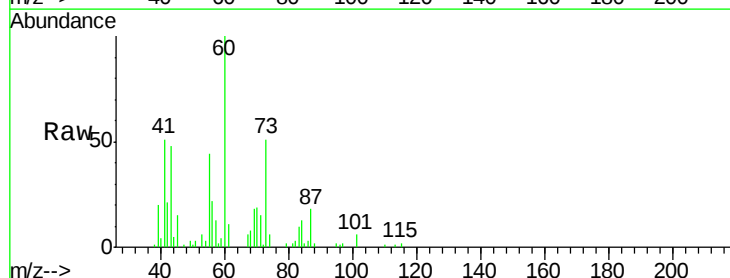
Ion Ratio Lower Upper

70 100

42 112.7 55.4 83.0#

101 31.9 6.6 10.0#

130 0.0 11.9 17.9#

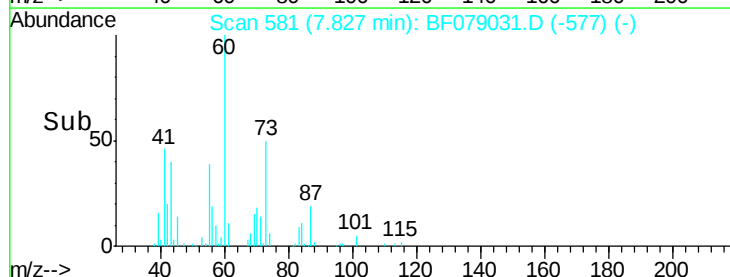
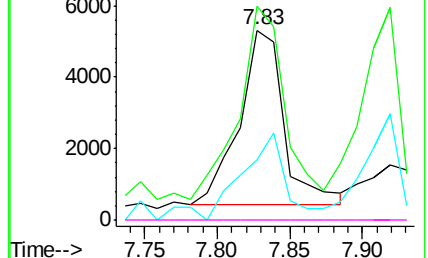


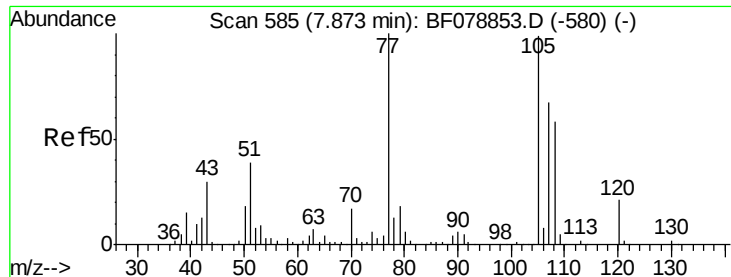
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

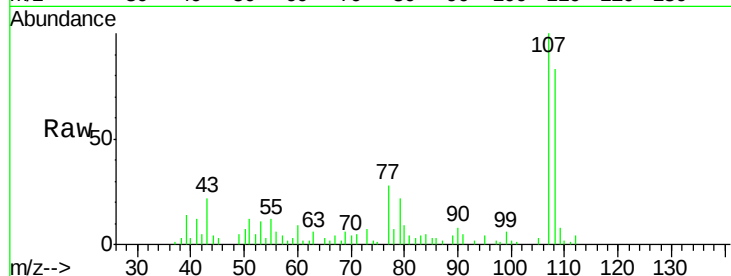




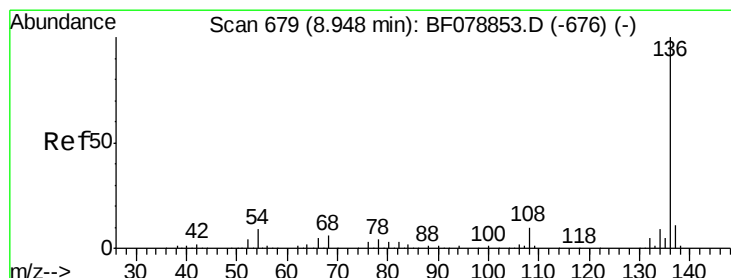
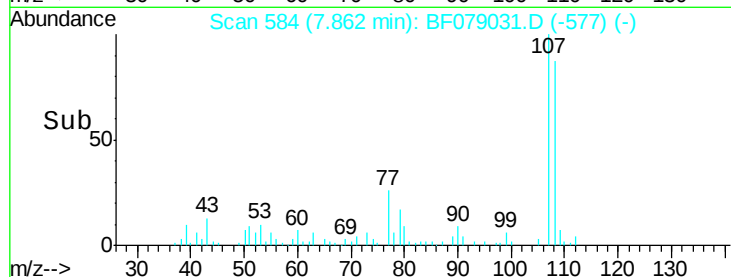
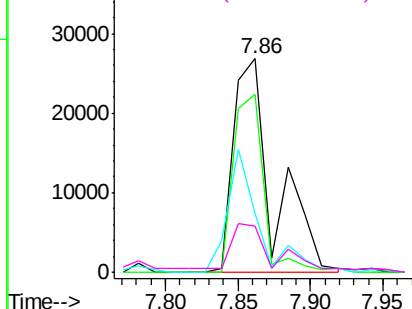
#20
3+4-Methylphenols
Concen: 9.84 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 51427
Ion Ratio Lower Upper
107 100
108 83.1 76.9 116.9
77 27.5 136.8 176.8#
79 21.6 9.7 49.7



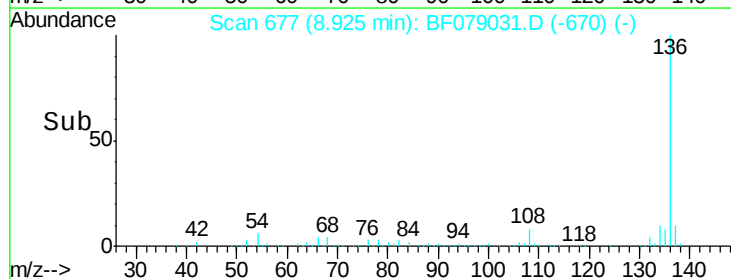
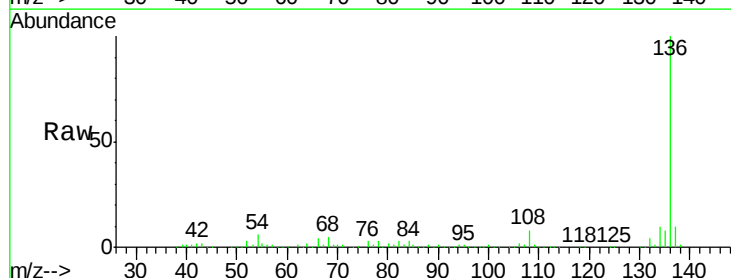
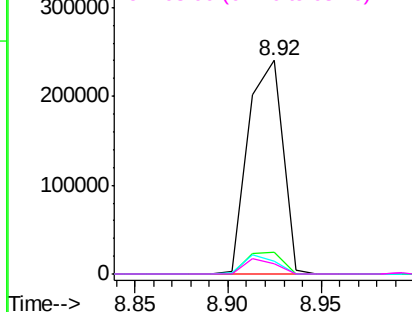
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

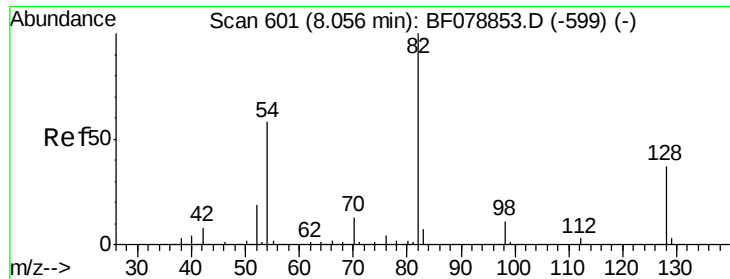


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Tgt Ion:136 Resp: 308916
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 6.1 5.8 8.8
68 4.7 4.2 6.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

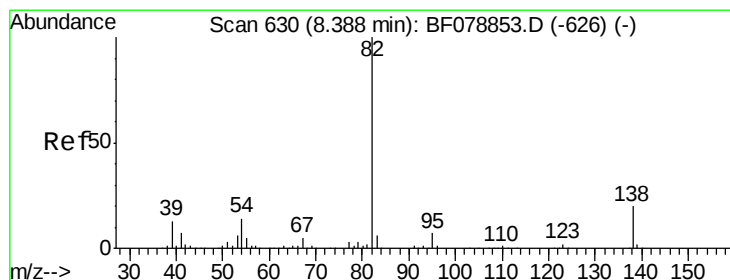
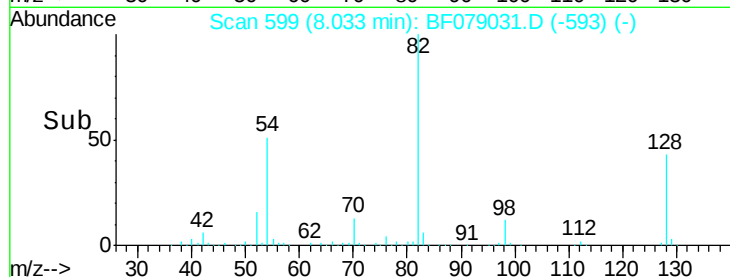
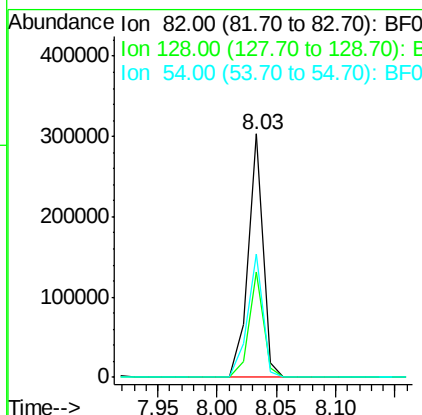
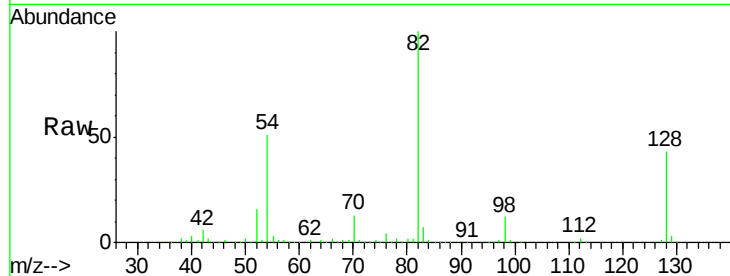




#23
Nitrobenzene-d5
Concen: 50.09 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

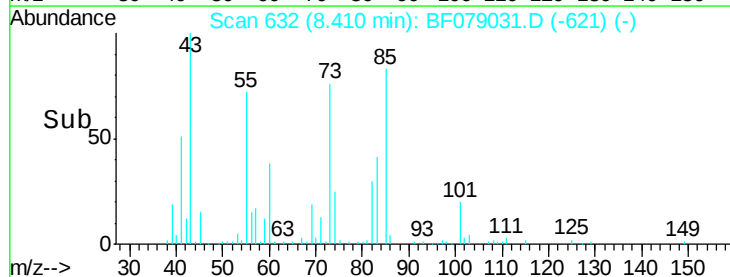
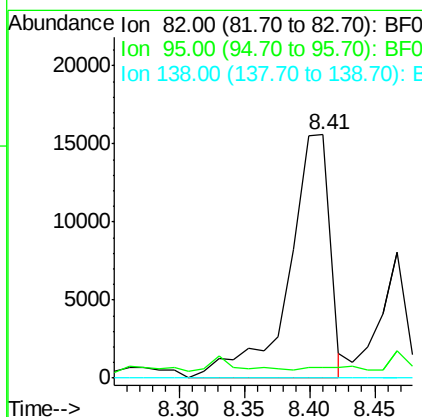
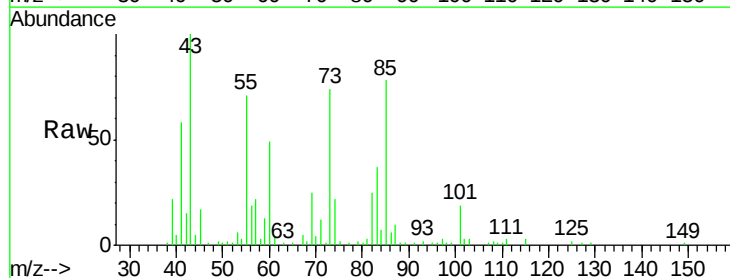
Instrument :
BNA_F
ClientSampleId :

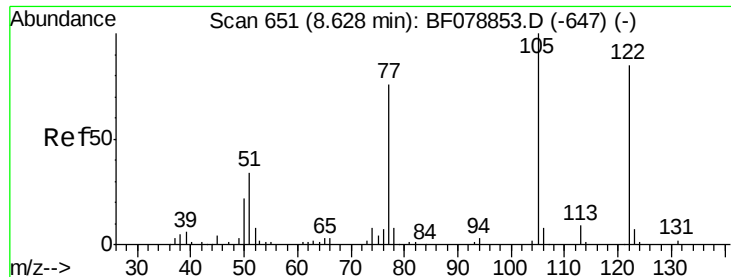
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	30.0	45.0
54	50.8	46.4	69.6



#25
Isophorone
Concen: 3.44 ng
RT: 8.41 min Scan# 632
Delta R.T. 0.02 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Tgt Ion	Ratio	Lower	Upper
82	100		
95	4.4	5.3	7.9#
138	0.0	12.0	18.0#





#32

Benzoic acid

Concen: 15.37 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Instrument :

BNA_F

ClientSampleId :

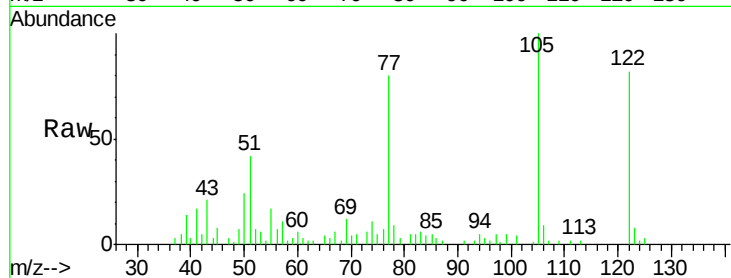
Tot Ion:122 Resp: 28834

Ion Ratio Lower Upper

122 100

105 121.5 107.1 147.1

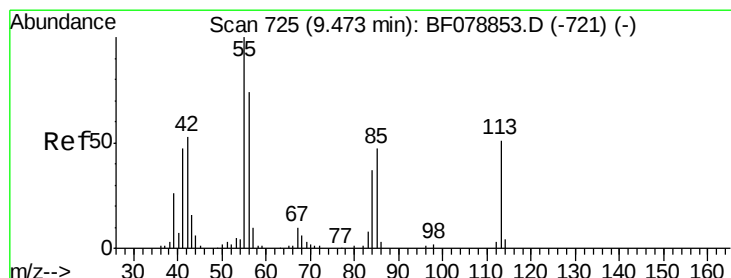
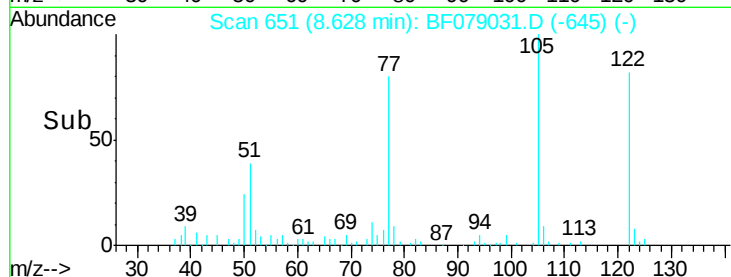
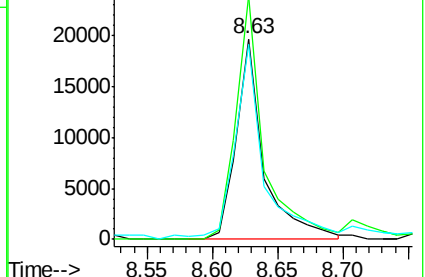
77 97.5 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 3.17 ng

RT: 9.47 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

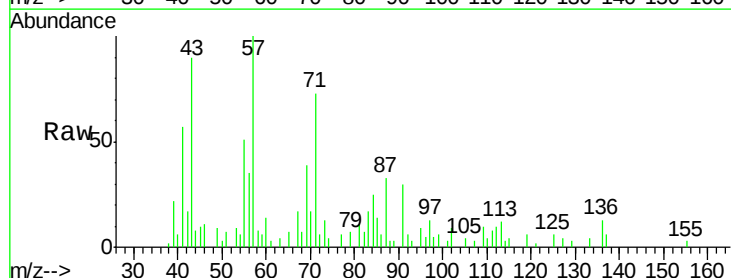
Tgt Ion:113 Resp: 4020

Ion Ratio Lower Upper

113 100

55 426.4 169.7 209.7#

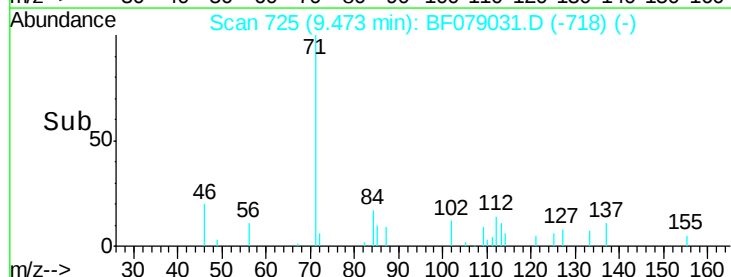
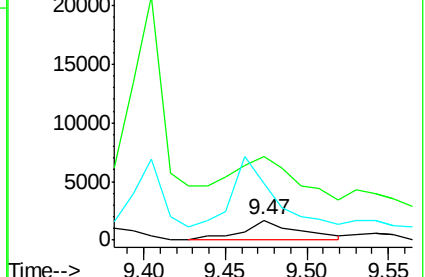
56 288.6 122.5 162.5#

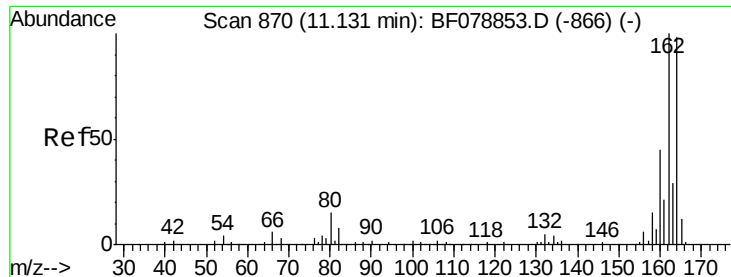


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

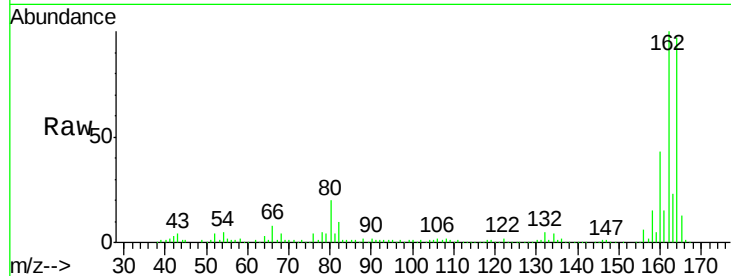




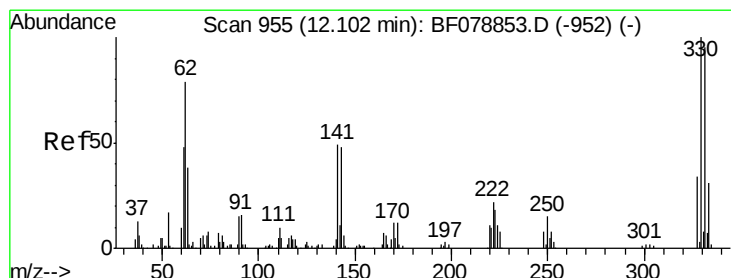
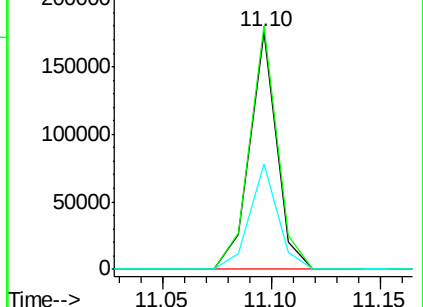
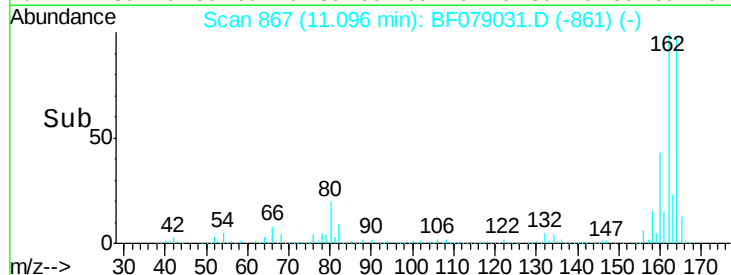
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.03 min
 Lab File: BF079031.D
 Acq: 8 May 2015 9:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.7	124.1
160	44.6	35.8	53.8

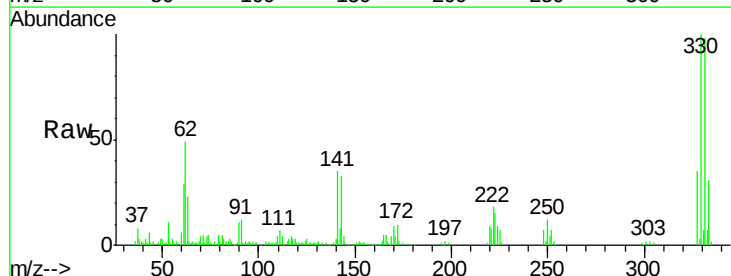


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

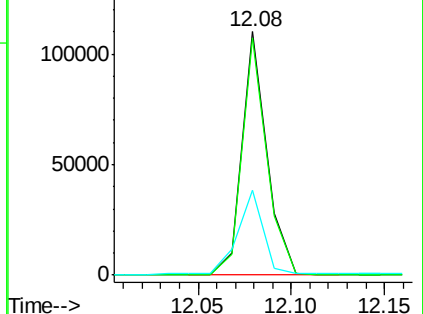
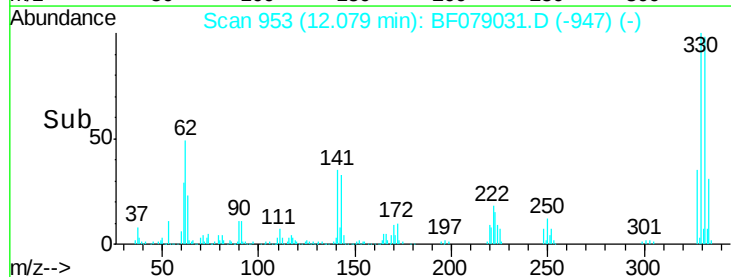


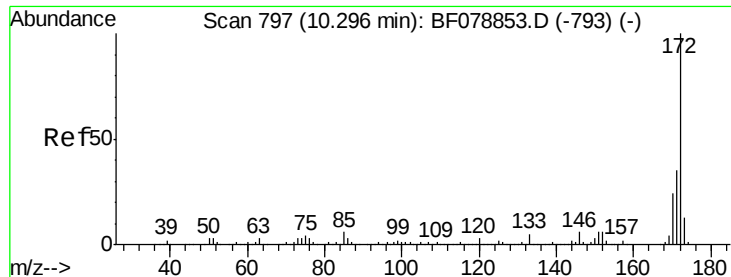
#41
 2,4,6-Tribromophenol
 Concen: 62.18 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF079031.D
 Acq: 8 May 2015 9:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	36.4	0.0	0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

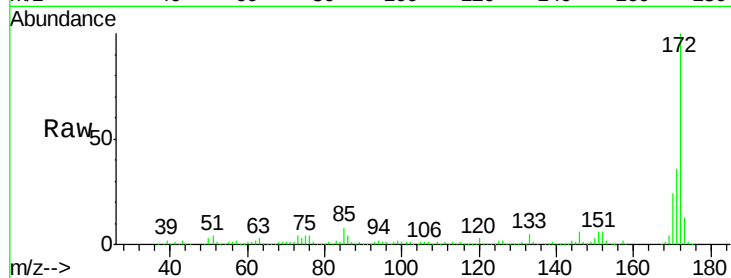




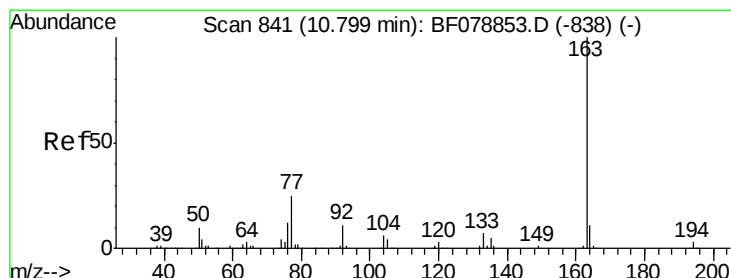
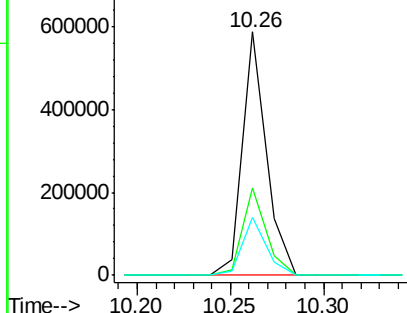
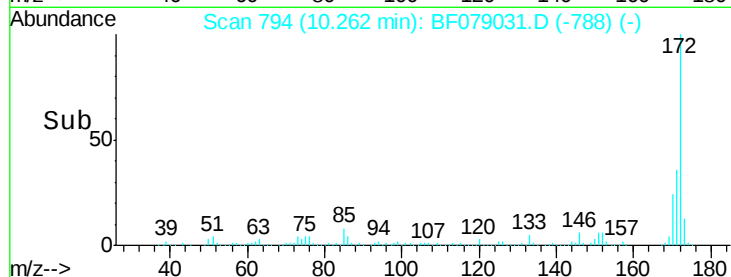
#44
2-Fluorobiphenyl
Concen: 47.95 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 524770
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.1 19.4 29.0

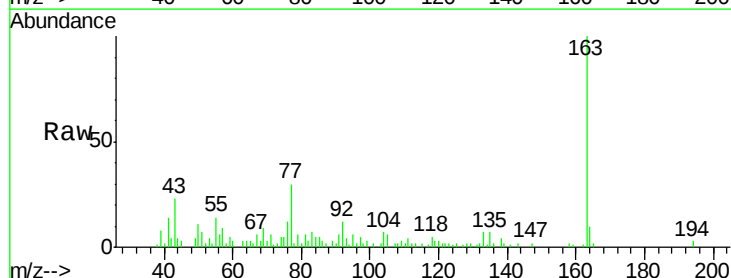


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

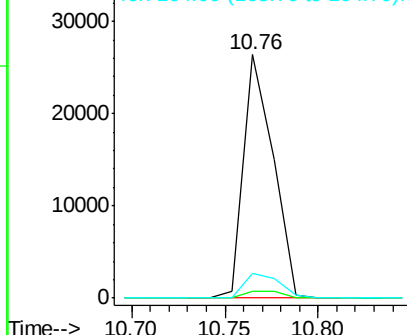
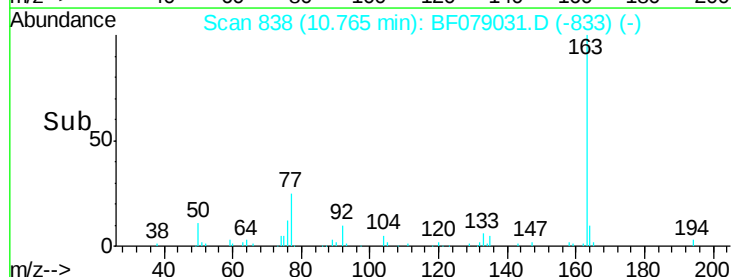


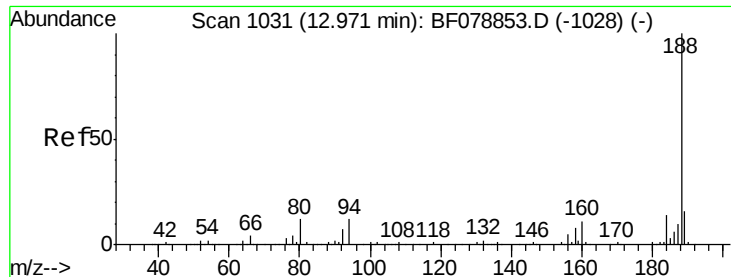
#49
Dimethylphthalate
Concen: 2.61 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.05 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Tgt Ion:163 Resp: 29242
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

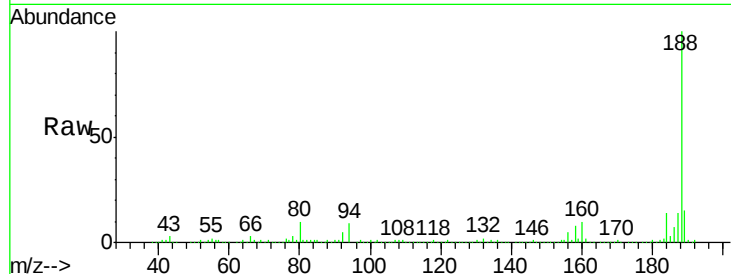




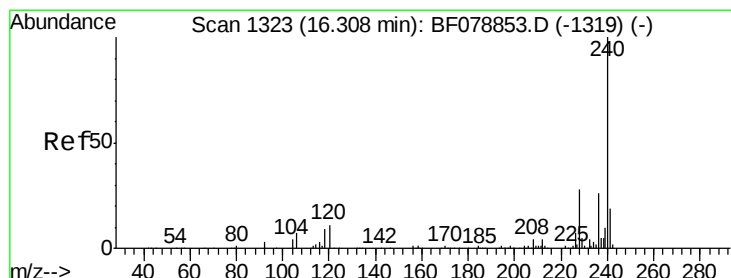
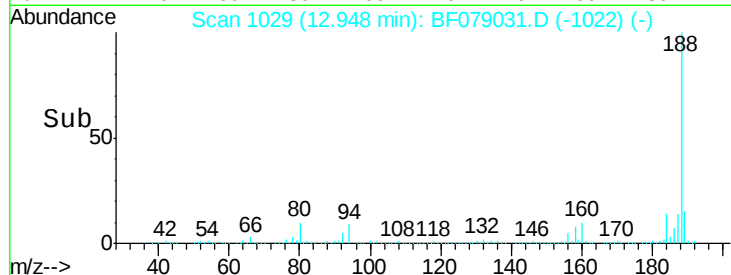
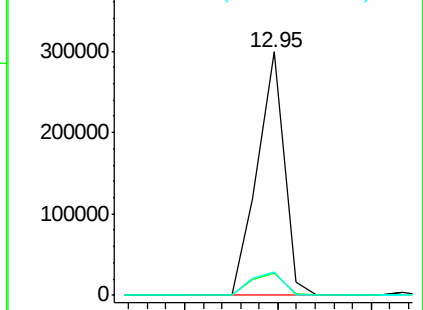
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.7	8.9	13.3

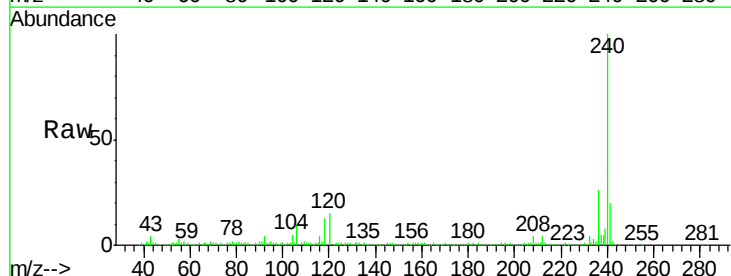


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

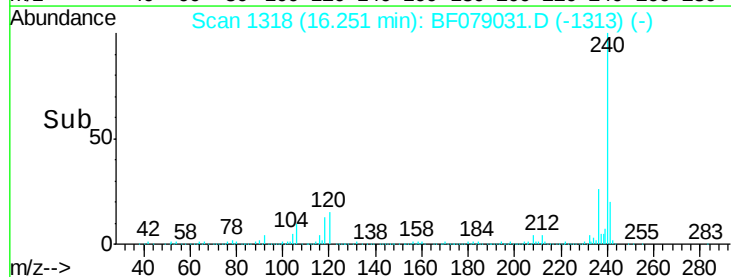
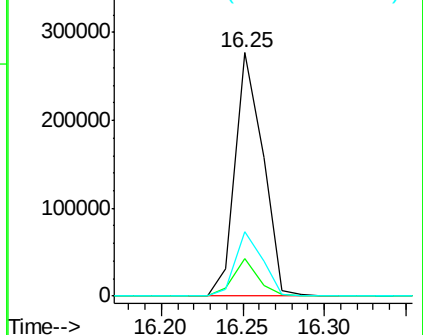


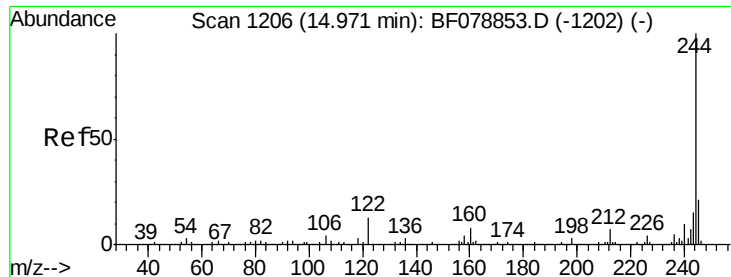
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.7	14.5#
236	26.4	20.2	30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

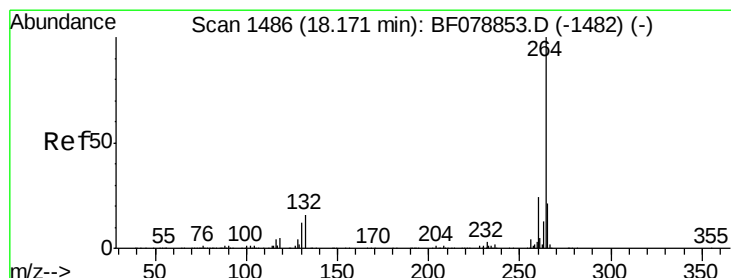
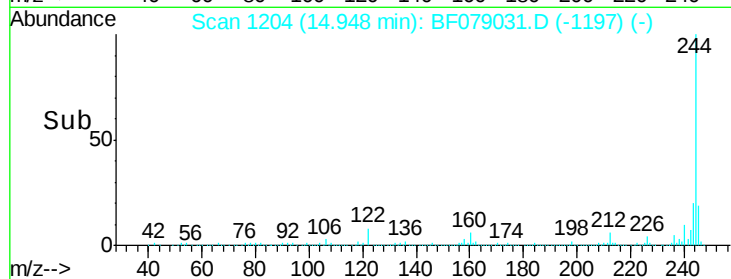
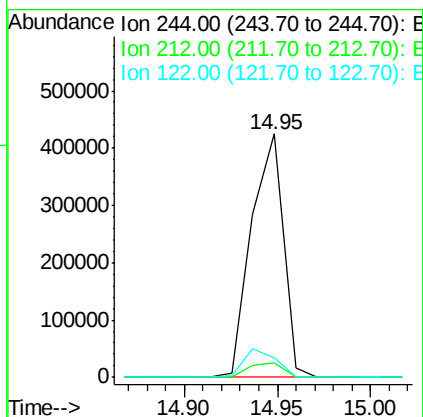
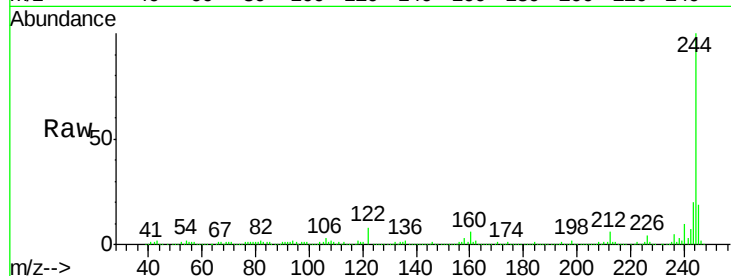




#78
 Terphenyl-d14
 Concen: 36.92 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF079031.D
 Acq: 8 May 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 504372
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 8.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1475
 Delta R.T. -0.07 min
 Lab File: BF079031.D
 Acq: 8 May 2015 9:57

Tgt Ion:264 Resp: 335111
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.1 18.3 27.5

