

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078606.D
 Acq On : 17 Apr 2015 15:37
 Operator : TP/IZ
 Sample : G1860-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Apr 17 23:42:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 23:28:12 2015
 Response via : Initial Calibration

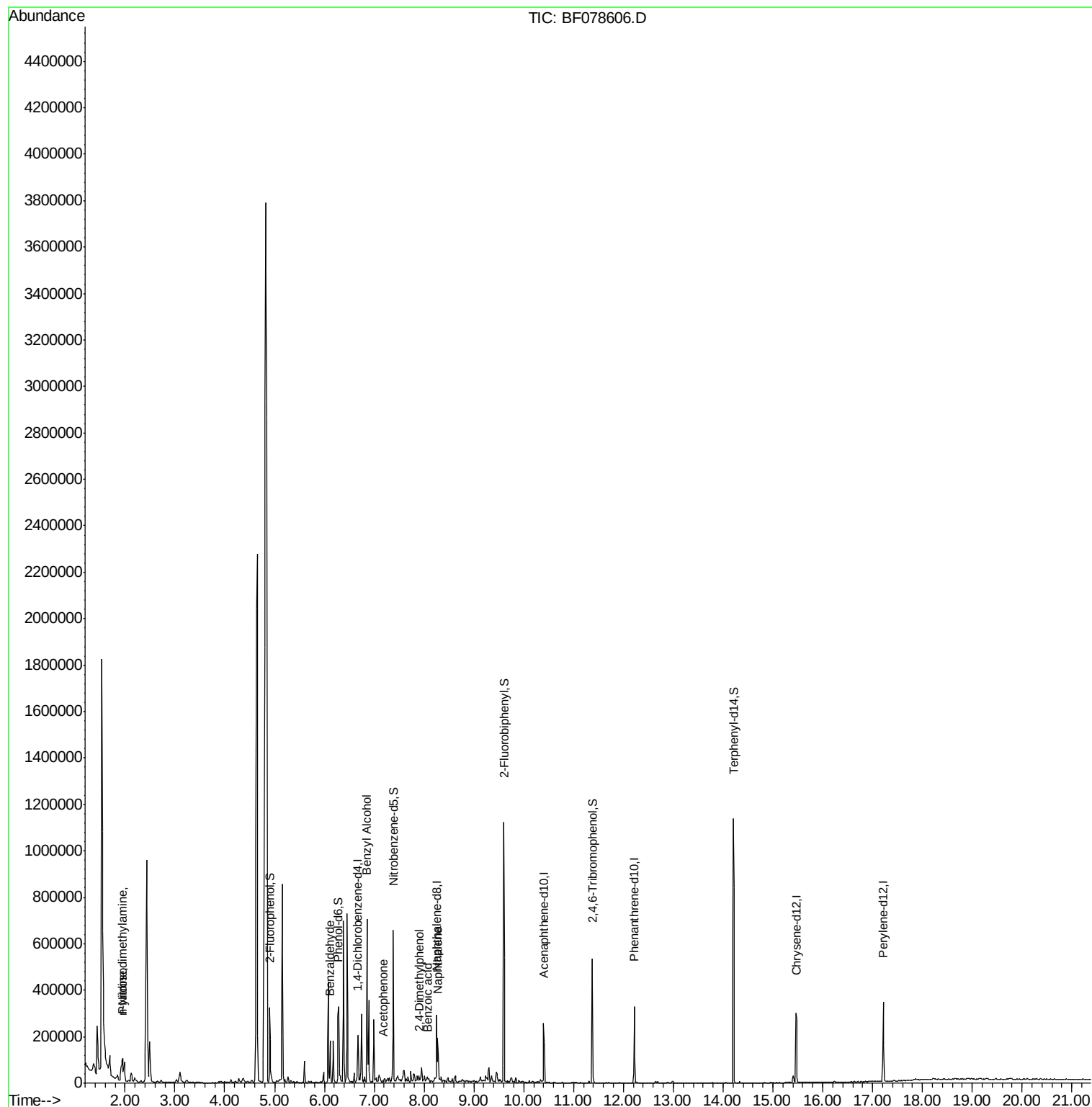
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	32738	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	130641	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	65991	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	135273	20.00	ng	0.00
75) Chrysene-d12	15.47	240	161722	20.00	ng	0.01
86) Perylene-d12	17.21	264	154708	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	111730	56.27	ng	0.00
7) Phenol-d6	6.28	99	84955	34.14	ng	0.00
23) Nitrobenzene-d5	7.38	82	202359	93.89	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	91204	166.64	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	401649	87.00	ng	0.00
78) Terphenyl-d14	14.21	244	534322	74.66	ng	0.00
Target Compounds						
3) Pyridine	1.95	79	15595	6.63	ng	# 43
4) n-Nitrosodimethylamine	1.94	42	2617	2.89	ng	# 1
9) Benzaldehyde	6.11	77	7834	4.75	ng	# 1
15) Benzyl Alcohol	6.86	79	4917	2.81	ng	# 59
22) Acetophenone	7.18	105	6427	2.11	ng	# 64
27) 2,4-Dimethylphenol	7.90	122	5066	2.54	ng	94
31) Naphthalene	8.27	128	108067	15.89	ng	99
32) Benzoic acid	8.07	122	3624	9.19	ng	# 73

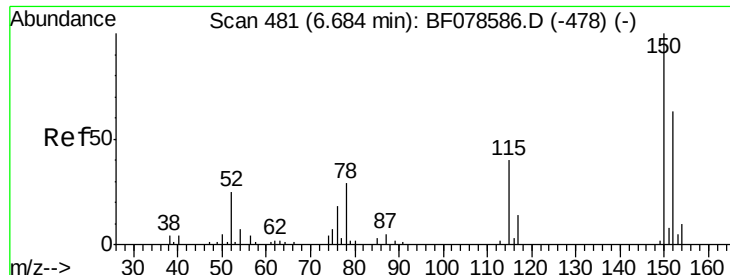
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Instrument :

BNA_F

ClientSampleId :

MW-2

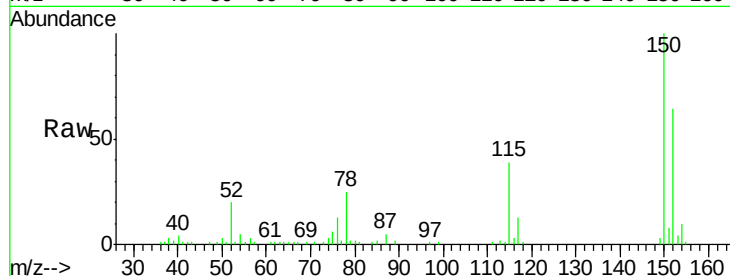
Tgt Ion:152 Resp: 32738

Ion Ratio Lower Upper

152 100

150 157.1 125.9 188.9

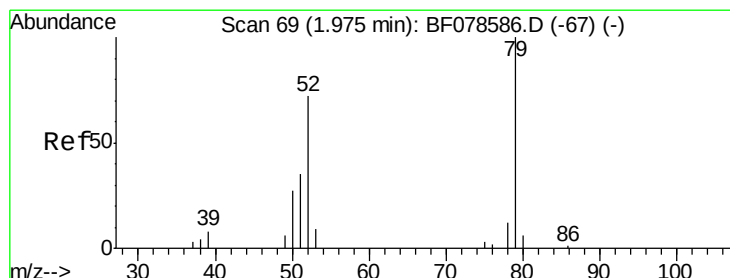
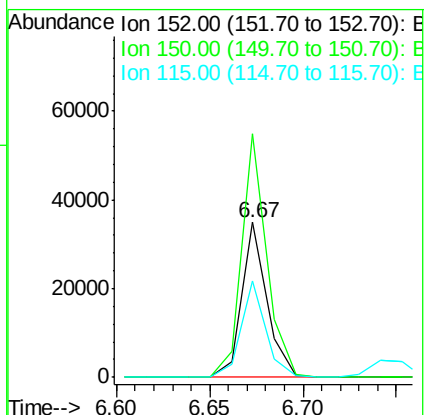
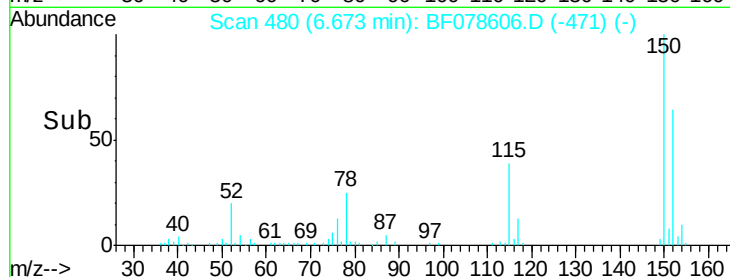
115 62.0 52.7 79.1



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: 6.63 ng

RT: 1.95 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

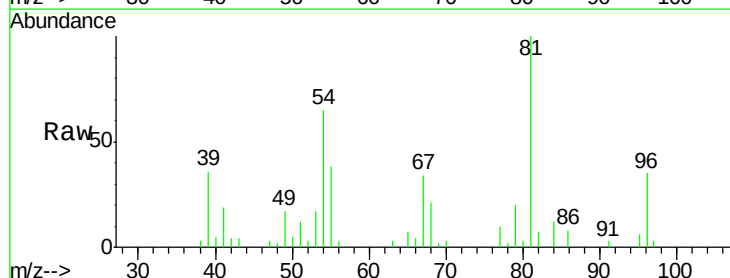
Tgt Ion: 79 Resp: 15595

Ion Ratio Lower Upper

79 100

52 16.7 52.4 78.6#

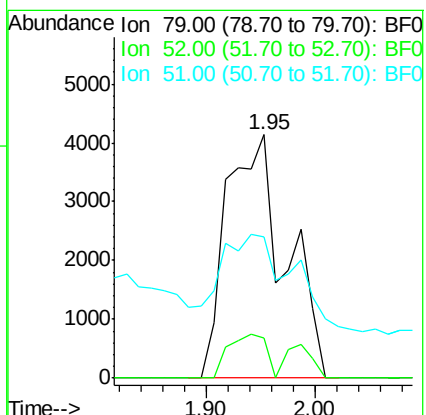
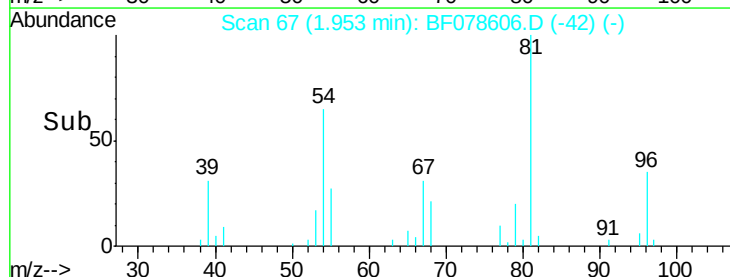
51 57.9 24.9 37.3#

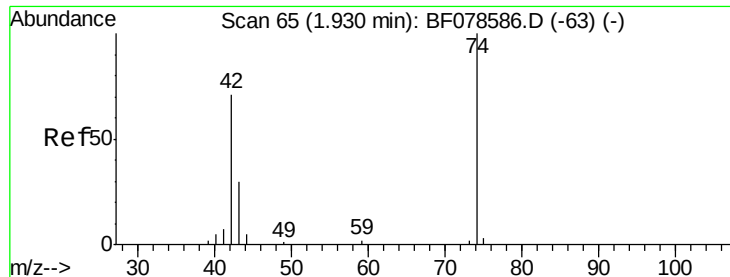


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 2.89 ng

RT: 1.94 min Scan# 66

Delta R.T. 0.02 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Instrument :

BNA_F

ClientSampleId :

MW-2

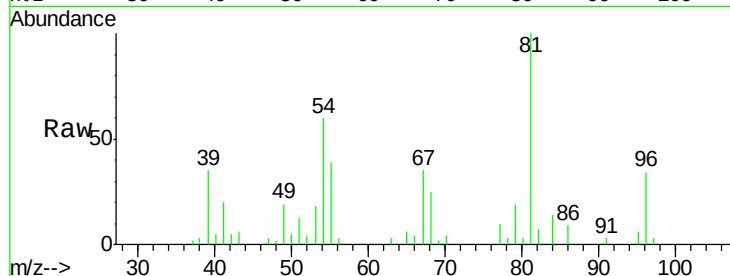
Tgt Ion: 42 Resp: 2617

Ion Ratio Lower Upper

42 100

74 0.0 118.7 178.1#

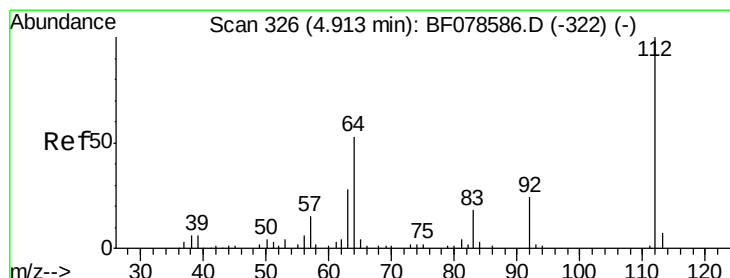
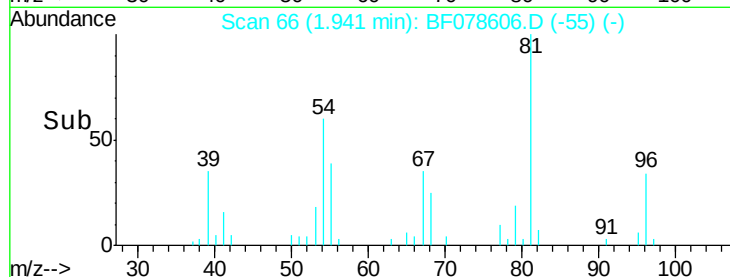
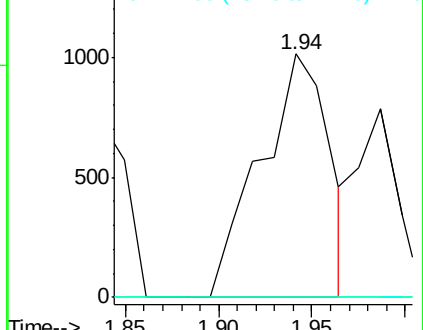
44 0.0 5.9 8.9#



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: 56.27 ng

RT: 4.90 min Scan# 325

Delta R.T. -0.00 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

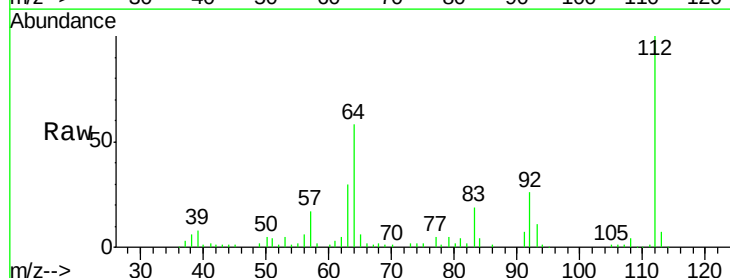
Tgt Ion: 112 Resp: 111730

Ion Ratio Lower Upper

112 100

64 58.4 39.9 59.9

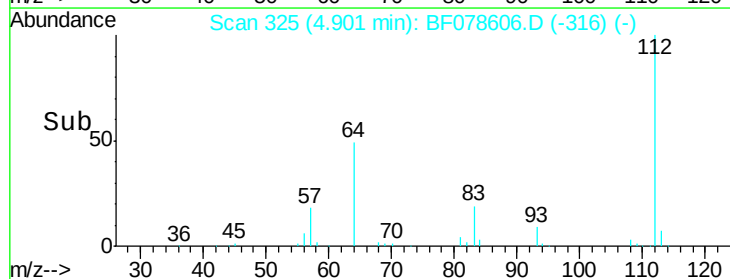
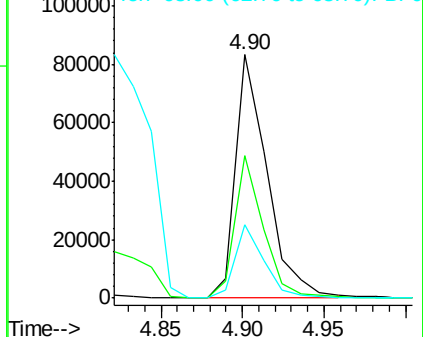
63 30.2 20.2 30.4

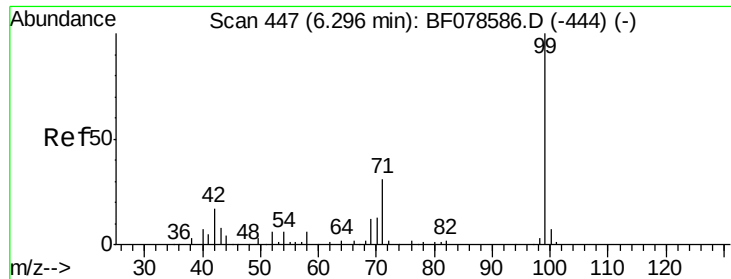


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.14 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Instrument :

BNA_F

ClientSampled :

MW-2

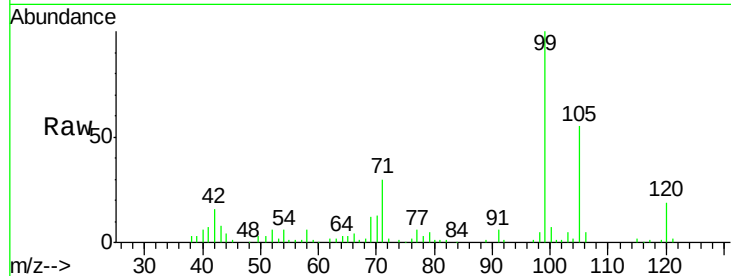
Tgt Ion: 99 Resp: 84955

Ion Ratio Lower Upper

99 100

42 16.1 14.8 22.2

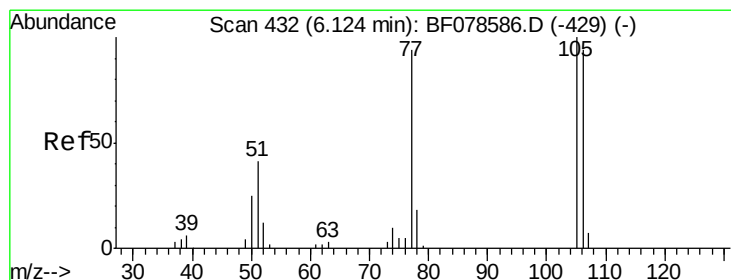
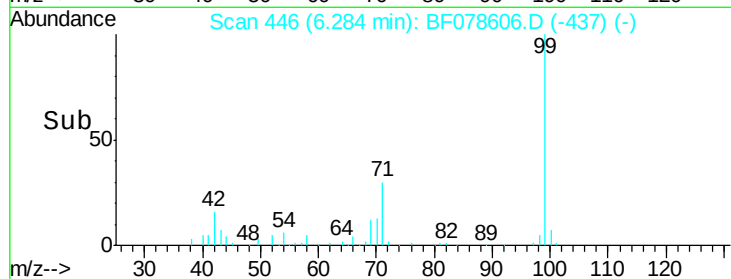
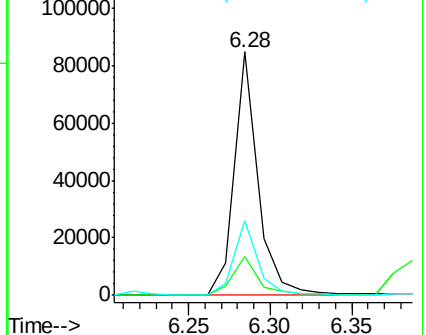
71 30.4 26.6 39.8



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: 4.75 ng

RT: 6.11 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

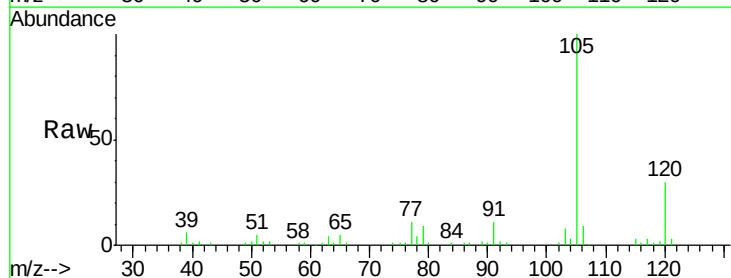
Tgt Ion: 77 Resp: 7834

Ion Ratio Lower Upper

77 100

105 875.6 85.4 125.4#

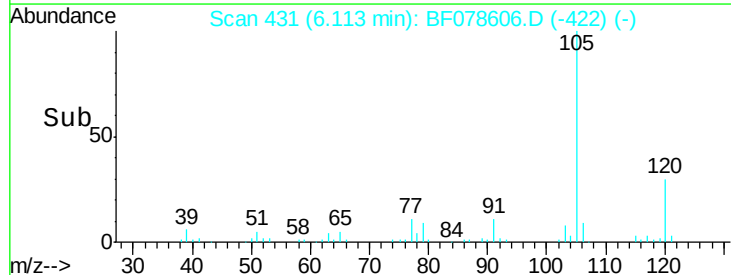
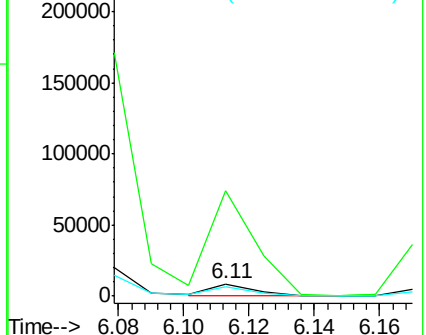
106 79.5 80.8 120.8#

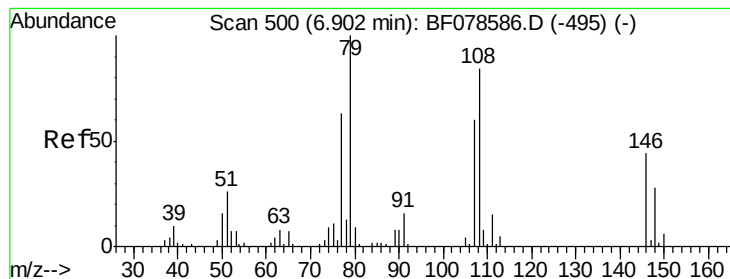


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.81 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Instrument :

BNA_F

ClientSampleId :

MW-2

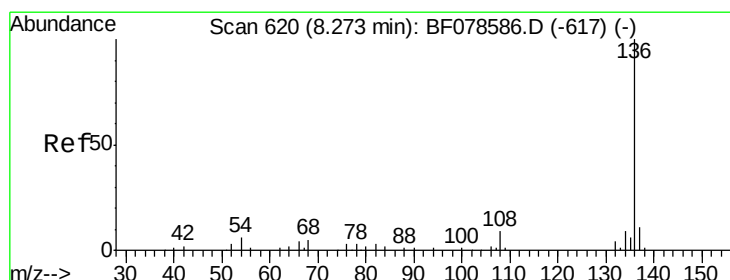
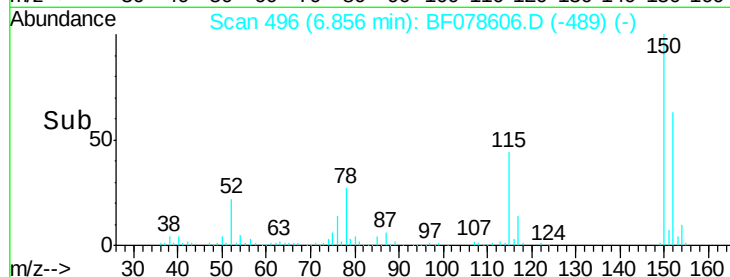
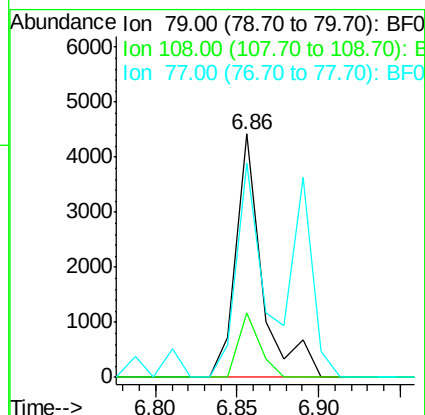
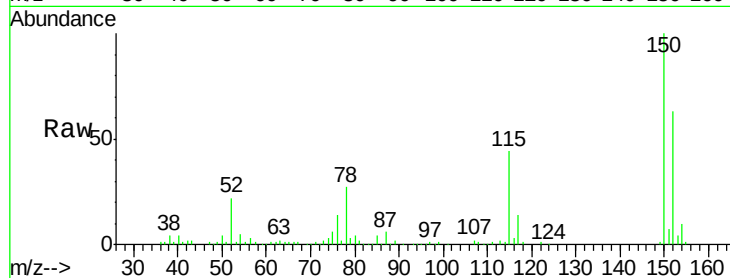
Tgt Ion: 79 Resp: 4917

Ion Ratio Lower Upper

79 100

108 26.5 57.6 86.4#

77 87.8 53.5 80.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Tgt Ion: 136 Resp: 130641

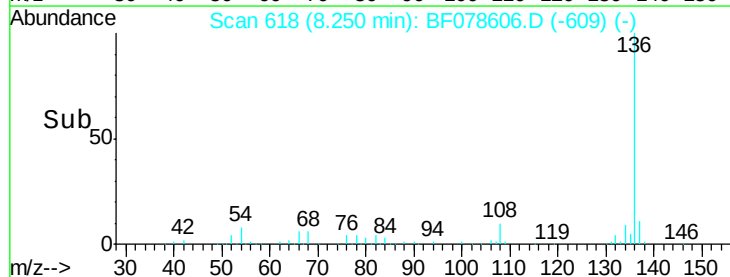
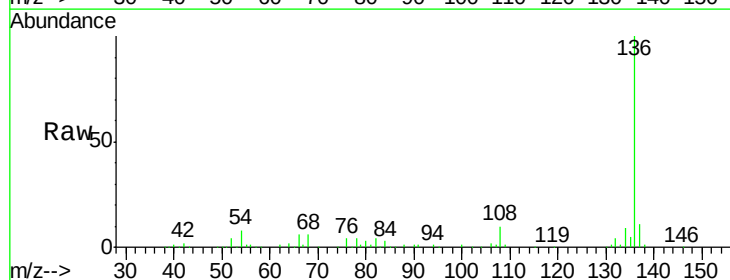
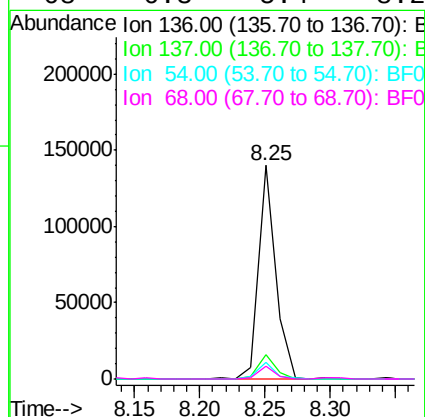
Ion Ratio Lower Upper

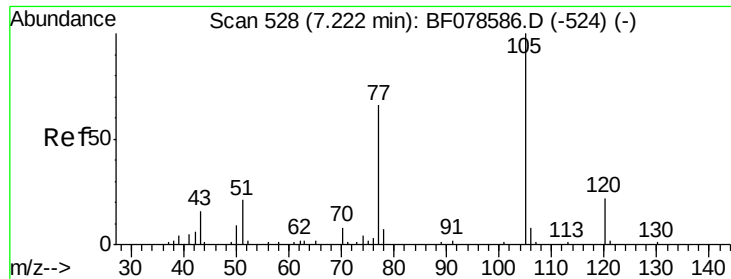
136 100

137 11.2 9.0 13.4

54 8.0 7.0 10.6

68 6.3 5.4 8.2



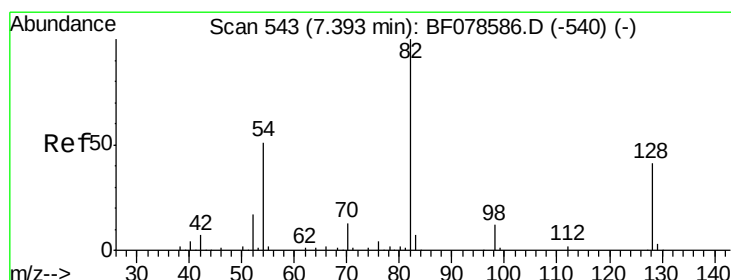
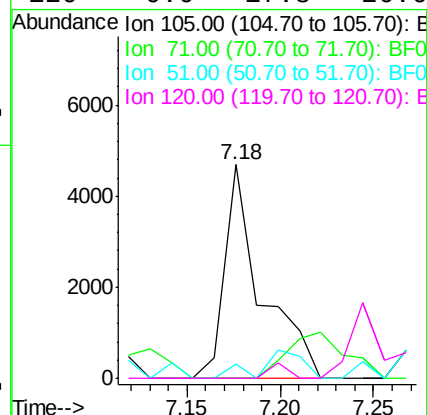
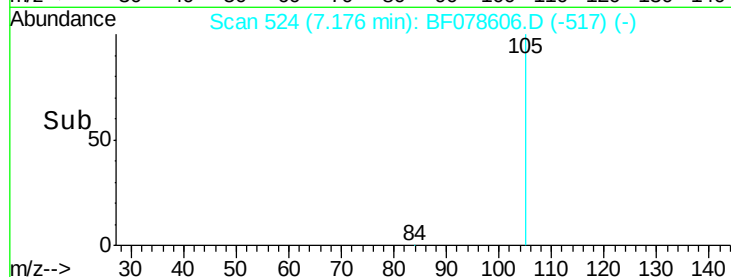
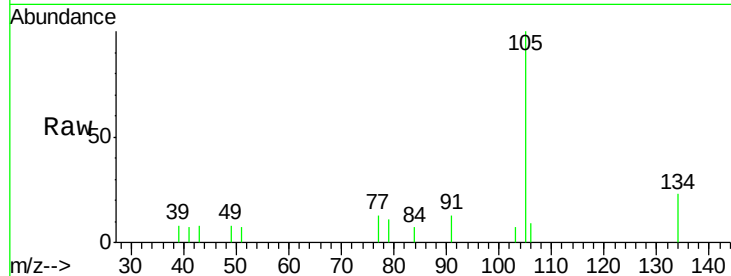


#22
 Acetophenone
 Concen: 2.11 ng
 RT: 7.18 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion: 105 Resp: 6427

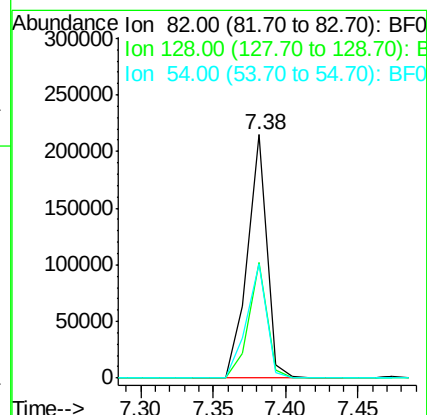
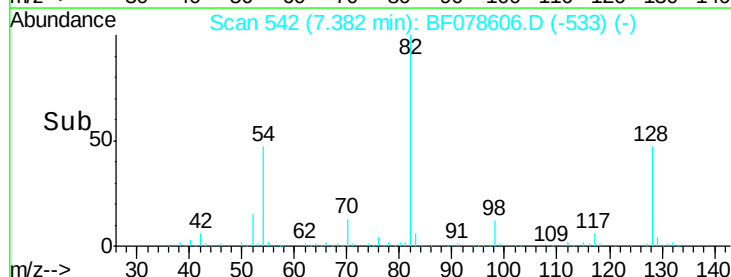
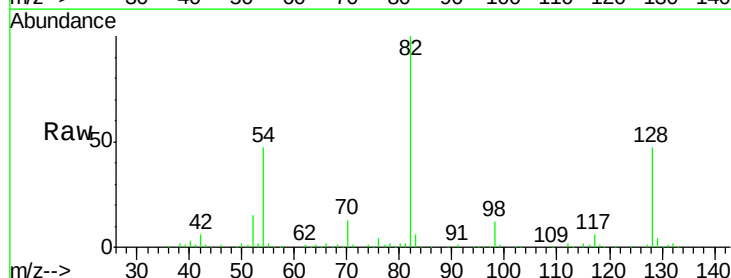
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	6.6	16.0	24.0#
120	0.0	17.8	26.6#

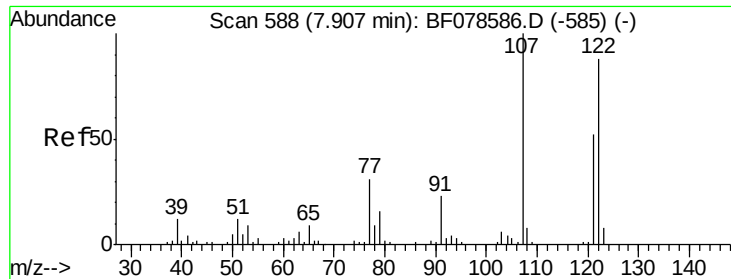


#23
 Nitrobenzene-d5
 Concen: 93.89 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Tgt Ion: 82 Resp: 202359

Ion	Ratio	Lower	Upper
82	100		
128	47.3	31.8	47.8
54	46.8	41.5	62.3

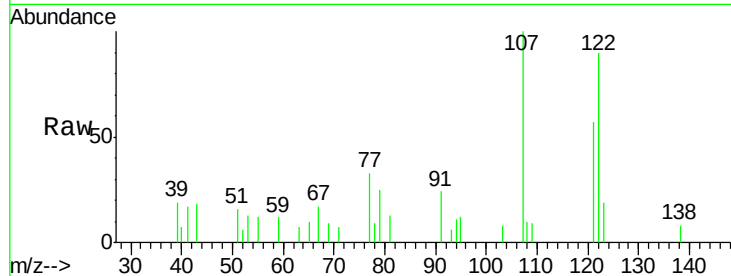




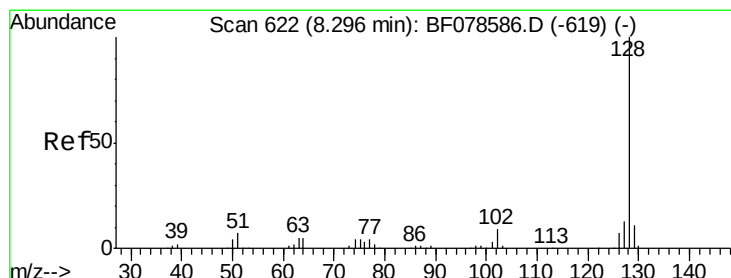
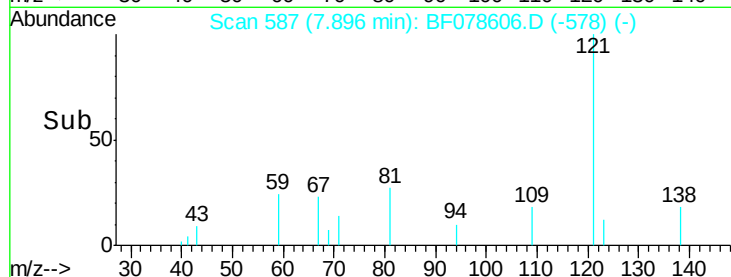
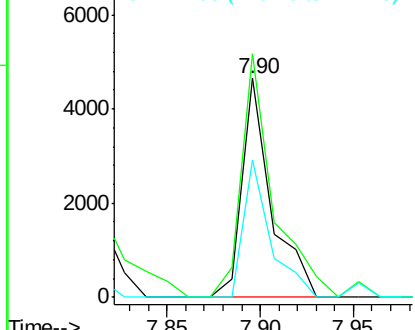
#27
 2,4-Dimethylphenol
 Concen: 2.54 ng
 RT: 7.90 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:122 Resp: 5066
 Ion Ratio Lower Upper
 122 100
 107 111.3 84.6 127.0
 121 63.0 46.0 69.0

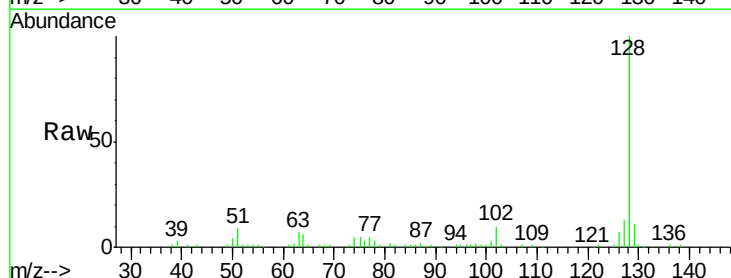


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

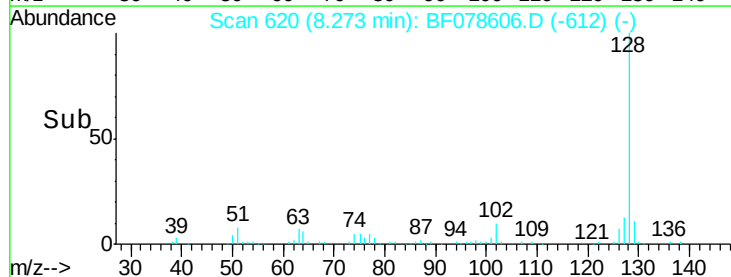
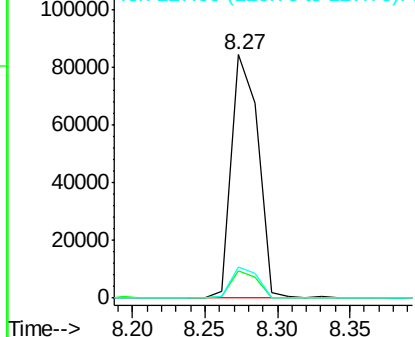


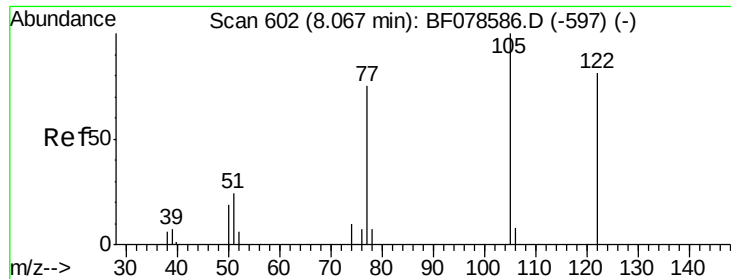
#31
 Naphthalene
 Concen: 15.89 ng
 RT: 8.27 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Tgt Ion:128 Resp: 108067
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 12.8
 127 13.0 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





#32

Benzoic acid

Concen: 9.19 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.02 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Instrument :

BNA_F

ClientSampleId :

MW-2

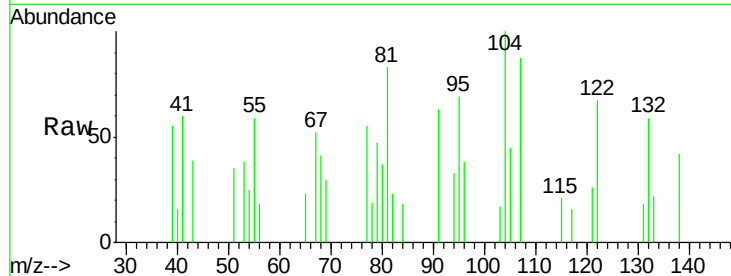
Tgt Ion:122 Resp: 3624

Ion Ratio Lower Upper

122 100

105 67.4 96.1 136.1#

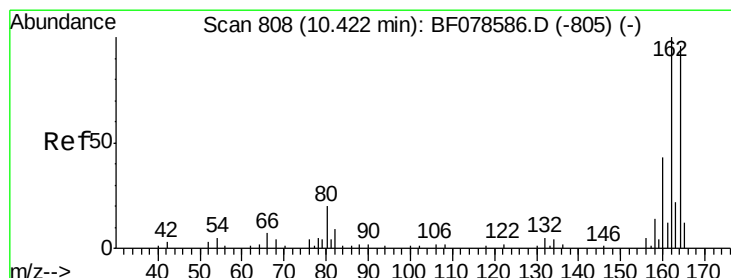
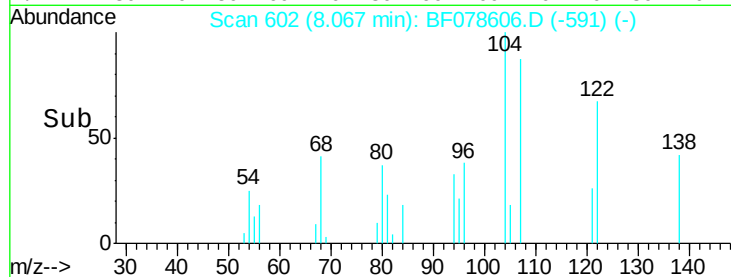
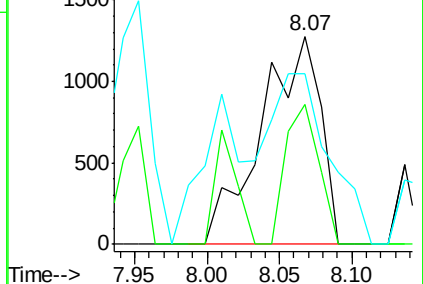
77 81.9 64.1 104.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

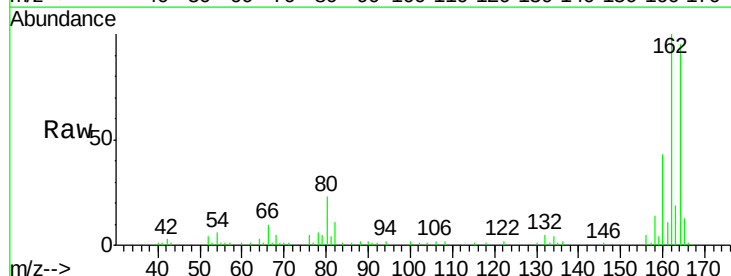
Tgt Ion:164 Resp: 65991

Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.2

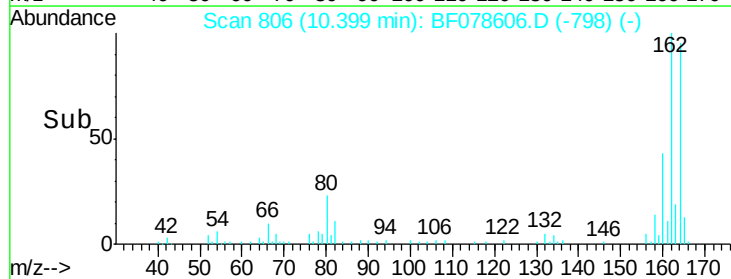
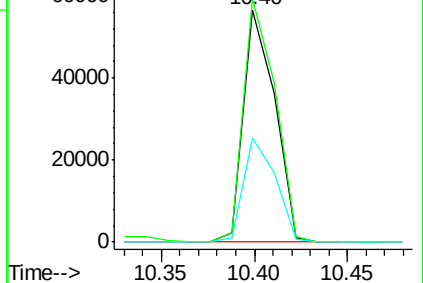
160 44.9 34.7 52.1

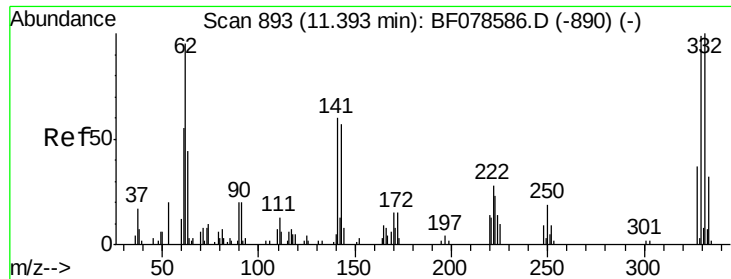


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

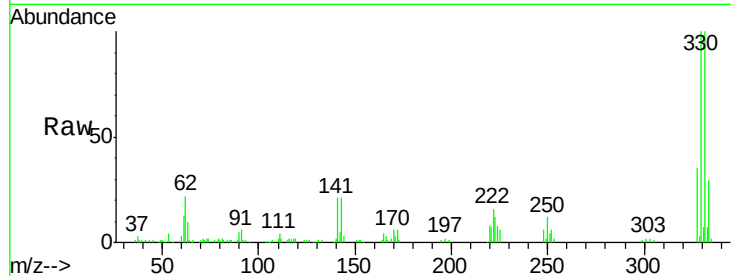




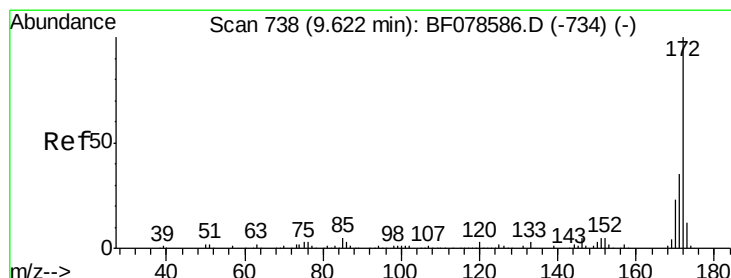
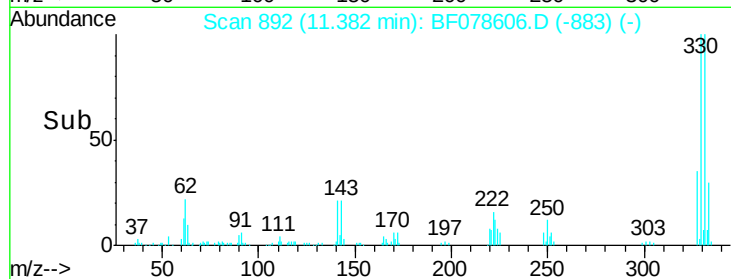
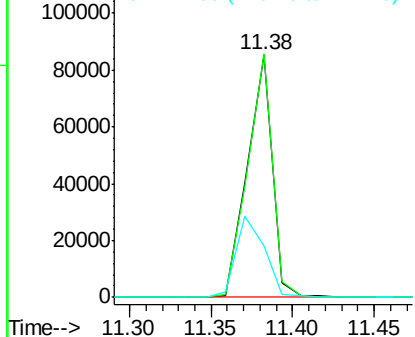
#41
 2,4,6-Tribromophenol
 Concen: 166.64 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:330 Resp: 91204
 Ion Ratio Lower Upper
 330 100
 332 99.0 78.6 117.8
 141 37.9 31.2 46.8

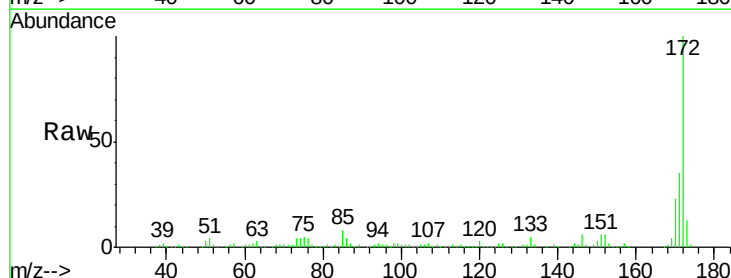


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

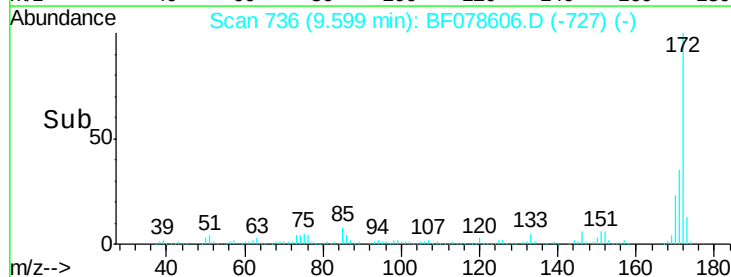
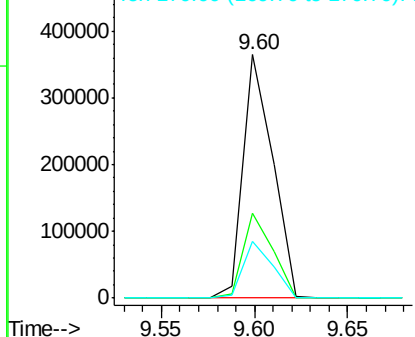


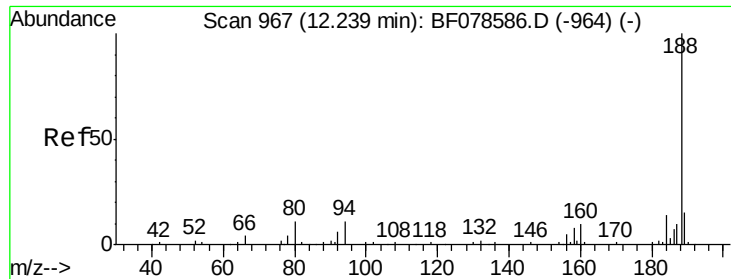
#44
 2-Fluorobiphenyl
 Concen: 87.00 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Tgt Ion:172 Resp: 401649
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.1 18.5 27.7



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

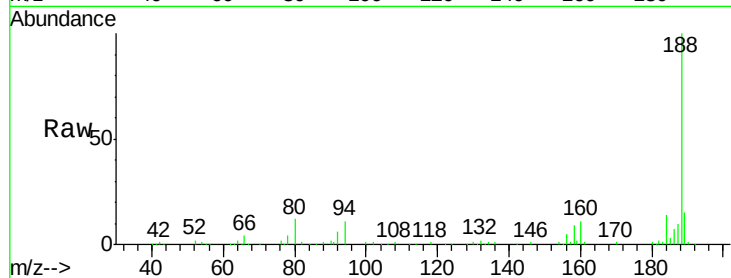




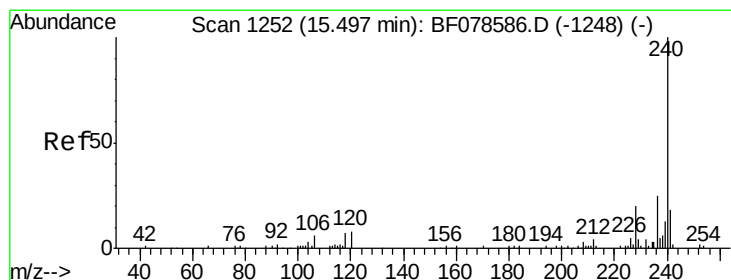
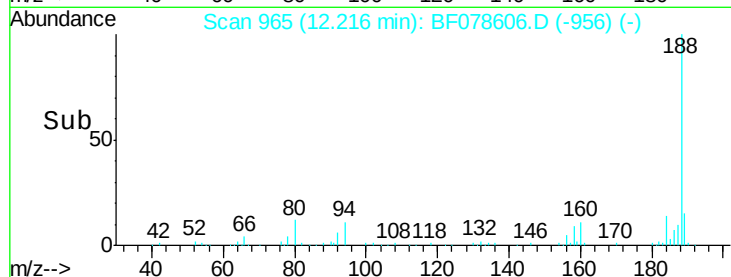
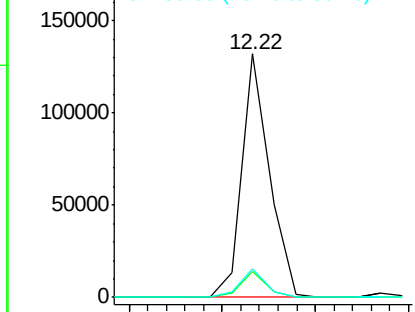
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF078606.D
Acq: 17 Apr 2015 15:37

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 135273
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 11.8 9.5 14.3

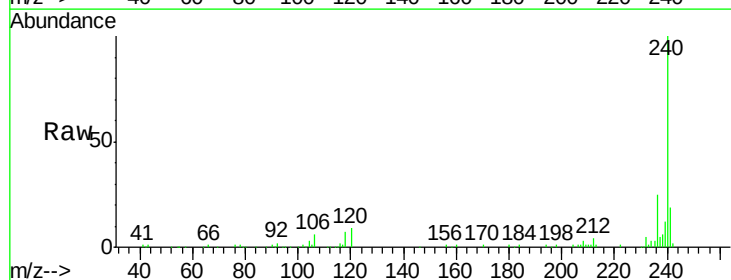


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

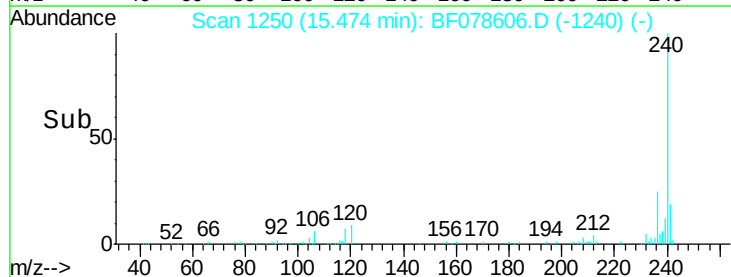
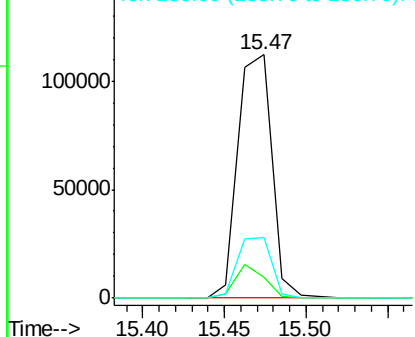


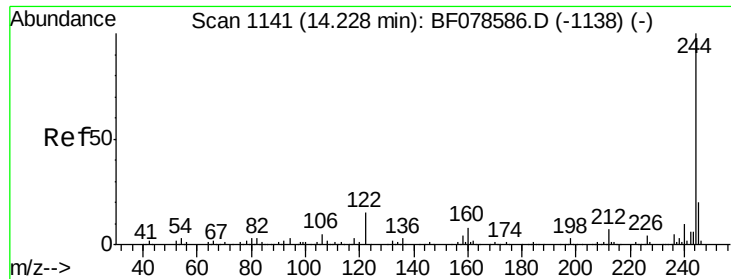
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF078606.D
Acq: 17 Apr 2015 15:37

Tgt Ion:240 Resp: 161722
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.1 21.4 32.2



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

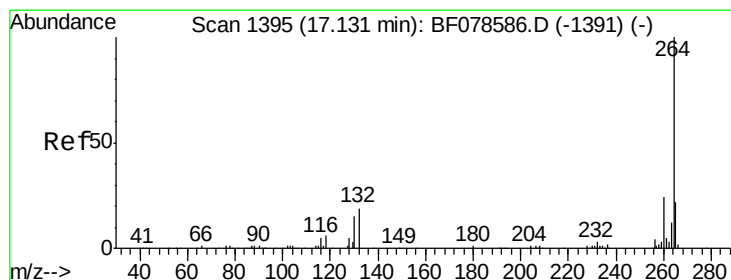
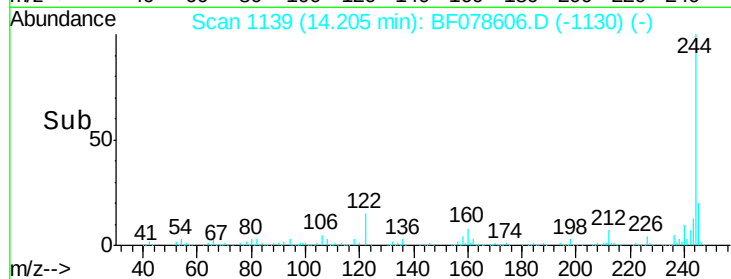
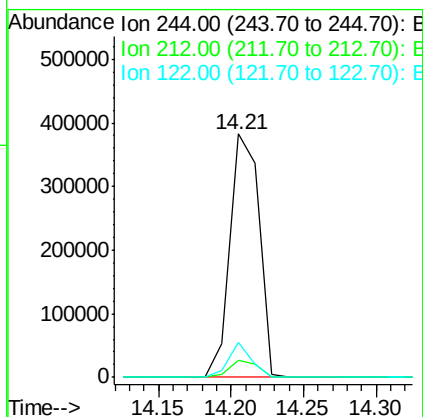
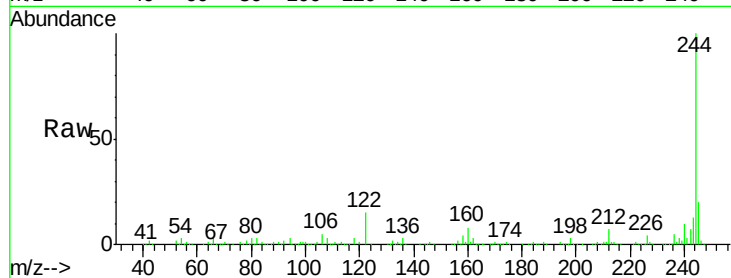




#78
 Terphenyl-d14
 Concen: 74.66 ng
 RT: 14.21 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tgt Ion:244 Resp: 534322
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 14.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.21 min Scan# 1402
 Delta R.T. 0.06 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Tgt Ion:264 Resp: 154708
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 20.9 17.0 25.6

