

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078021.D
 Acq On : 27 Mar 2015 5:02
 Operator : TP/IZ
 Sample : G1653-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD7

Quant Time: Mar 27 05:58:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:57:29 2015
 Response via : Initial Calibration

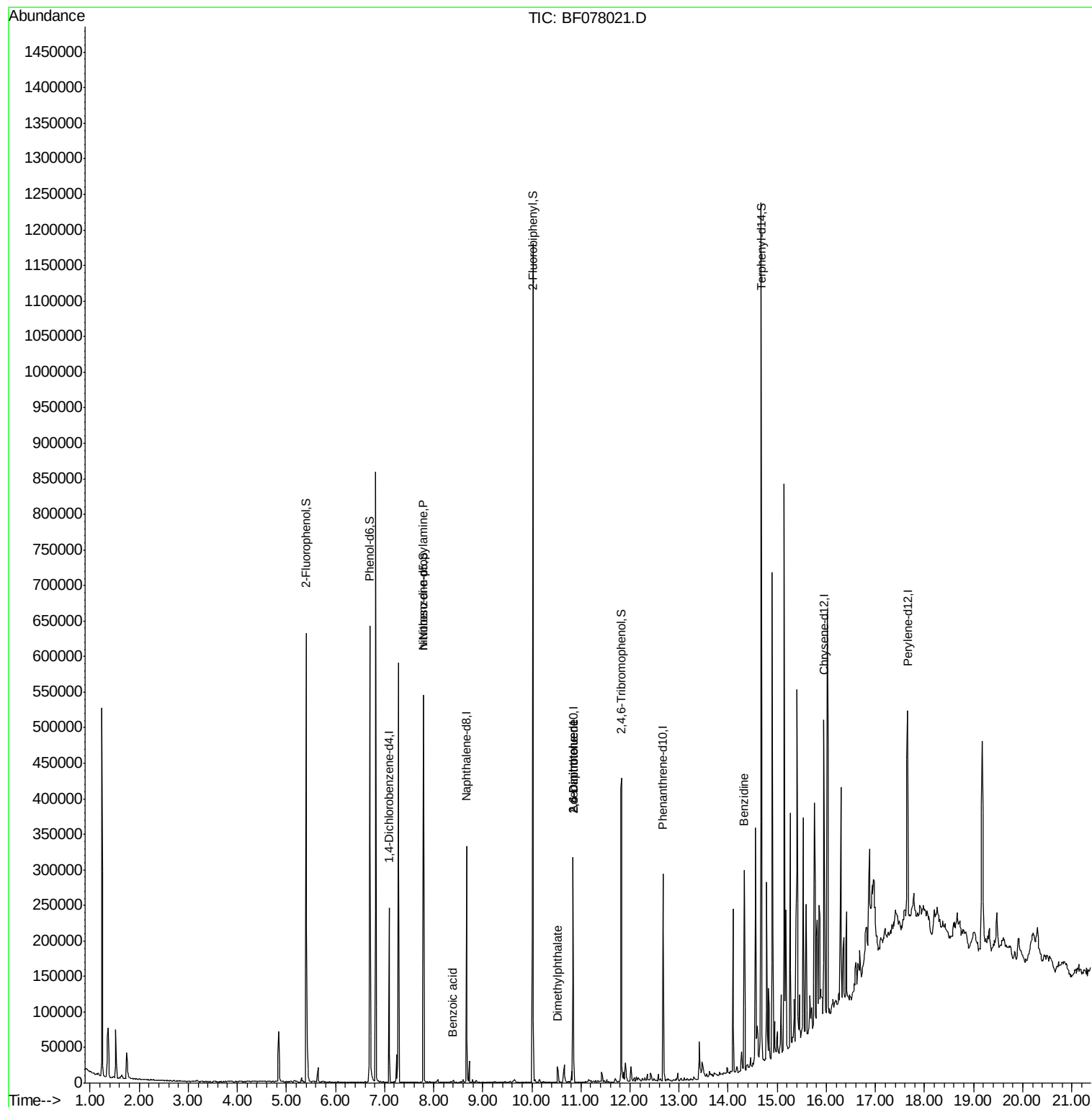
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	36280	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	148827	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	72322	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	146140	20.00	ng	0.00
75) Chrysene-d12	15.95	240	155014	20.00	ng	0.00
86) Perylene-d12	17.65	264	153857	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	232924	112.07	ng	0.03
7) Phenol-d6	6.69	99	292717	113.99	ng	0.02
23) Nitrobenzene-d5	7.79	82	168160	74.07	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	73684	106.49	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	363269	73.82	ng	0.00
78) Terphenyl-d14	14.67	244	402811	63.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	21419	12.06	ng	# 83
32) Benzoic acid	8.38	122	217	3.26	ng	# 79
49) Dimethylphthalate	10.52	163	13903	2.59	ng	# 96
50) 2,6-Dinitrotoluene	10.84	165	9439	8.49	ng	# 24
56) 2,4-Dinitrotoluene	10.84	165	9440	6.51	ng	# 11
76) Benzidine	14.33	184	10087	2.17	ng	# 79

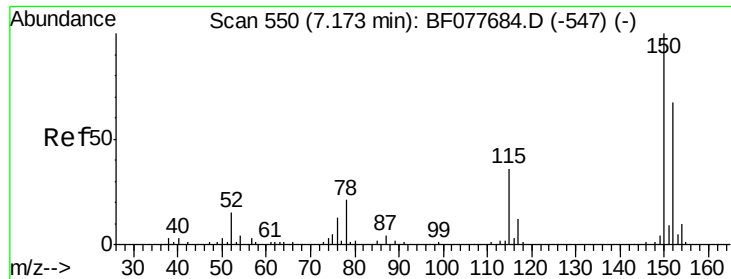
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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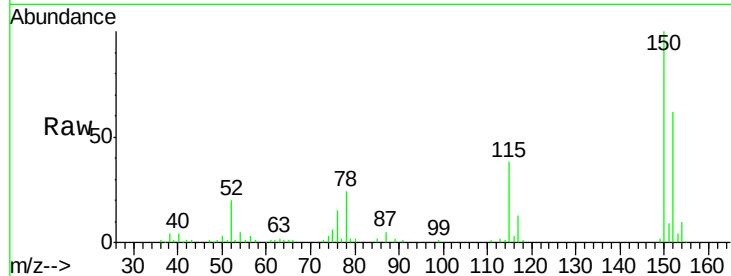


#1

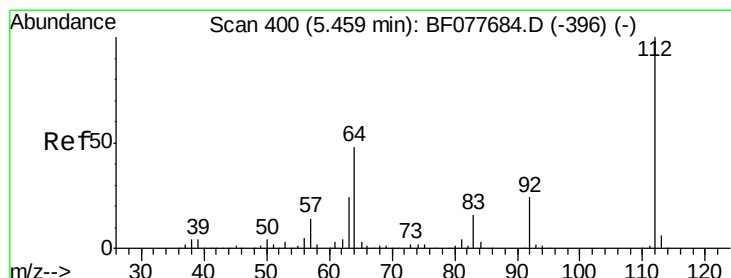
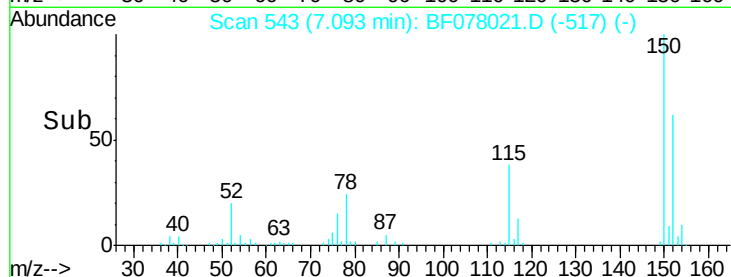
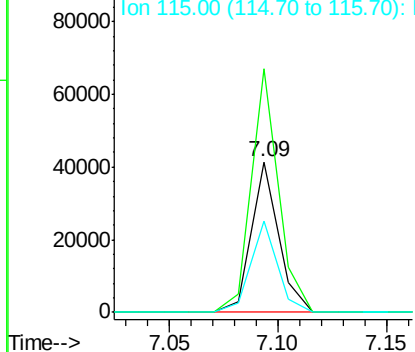
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078021.D
Acq: 27 Mar 2015 5:02

Instrument :
BNA_F
ClientSampleId :
FD7

Tgt Ion:152 Resp: 36280
Ion Ratio Lower Upper
152 100
150 161.6 119.5 179.3
115 60.9 43.0 64.4



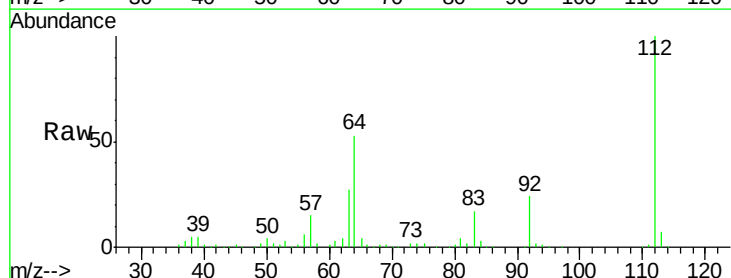
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



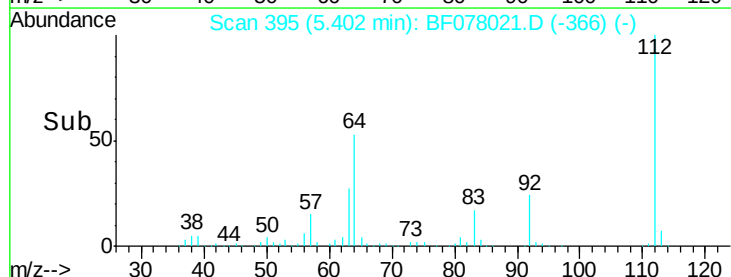
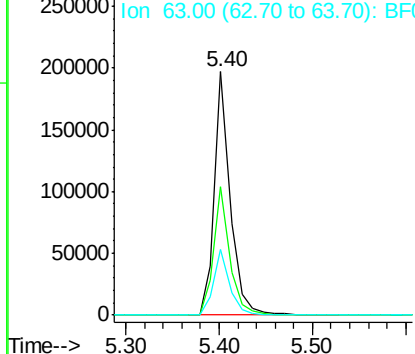
#5

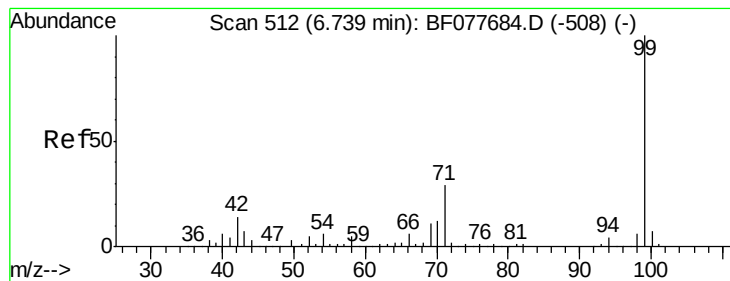
2-Fluorophenol
Concen: 112.07 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.03 min
Lab File: BF078021.D
Acq: 27 Mar 2015 5:02

Tgt Ion:112 Resp: 232924
Ion Ratio Lower Upper
112 100
64 53.0 38.6 57.8
63 26.9 19.3 28.9



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: 113.99 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.02 min

Lab File: BF078021.D

Acq: 27 Mar 2015 5:02

Instrument :

BNA_F

ClientSampleId :

FD7

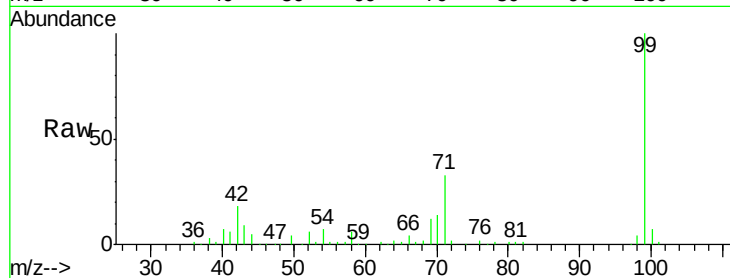
Tgt Ion: 99 Resp: 292717

Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

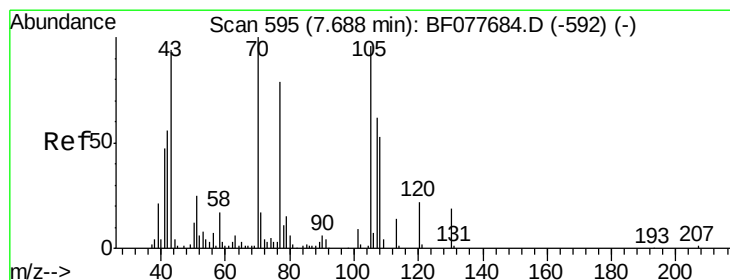
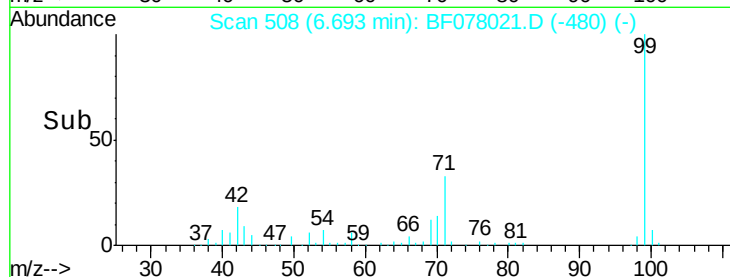
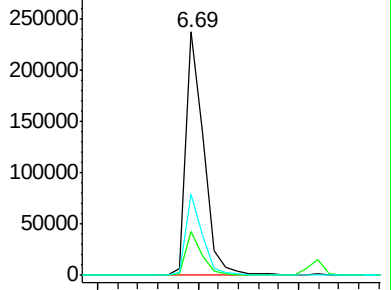
71 33.4 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.06 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF078021.D

Acq: 27 Mar 2015 5:02

Tgt Ion: 70 Resp: 21419

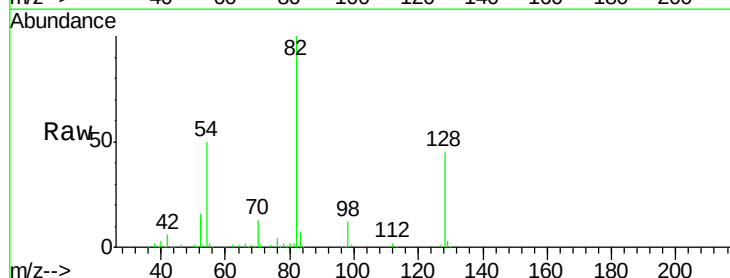
Ion Ratio Lower Upper

70 100

42 49.0 44.5 66.7

101 0.0 7.4 11.2#

130 2.9 15.3 22.9#

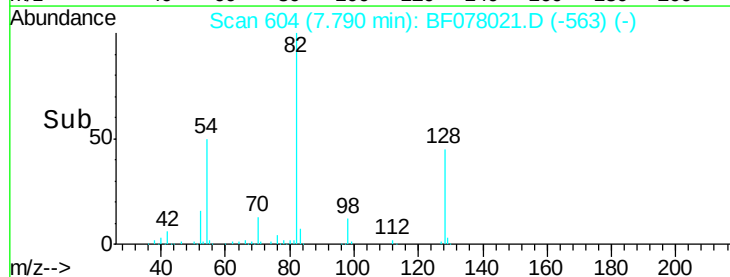
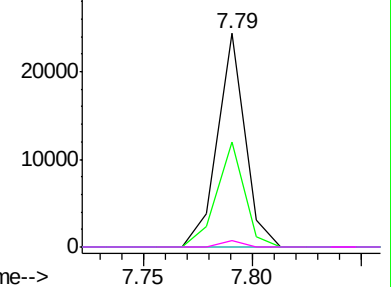


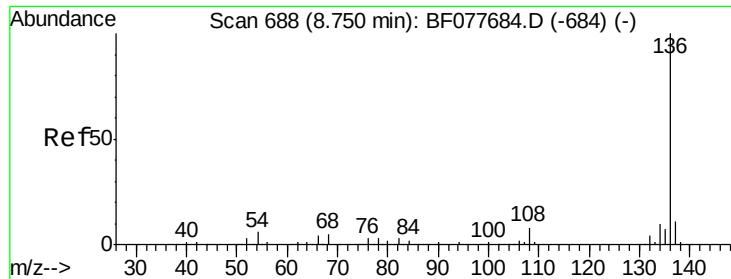
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

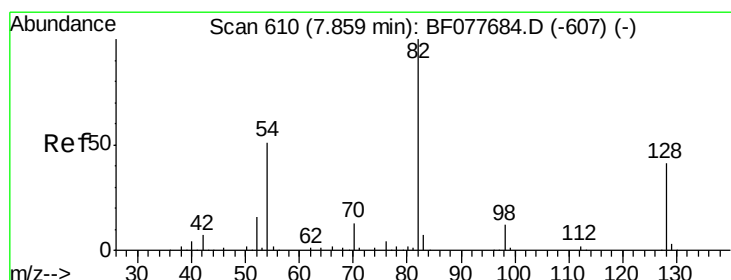
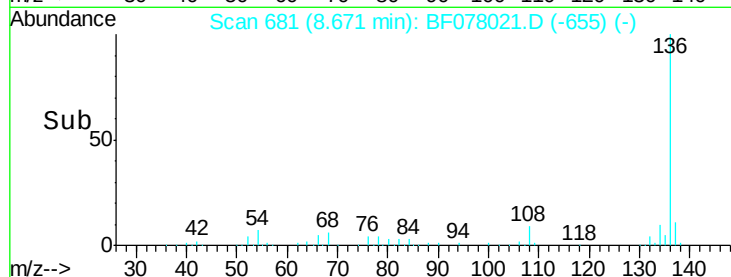
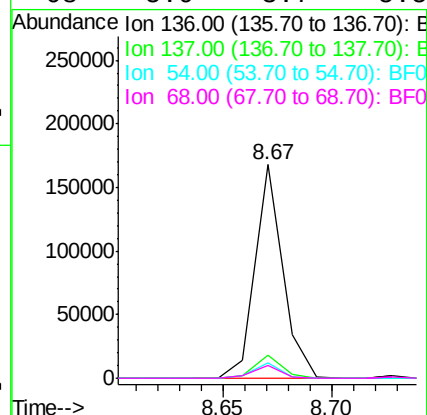
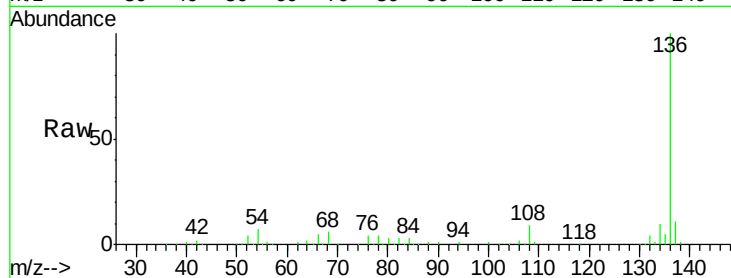




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF078021.D
Acq: 27 Mar 2015 5:02

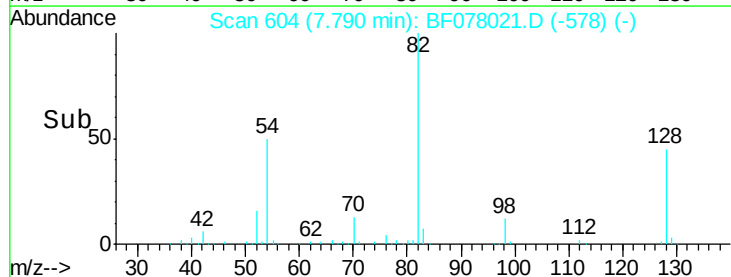
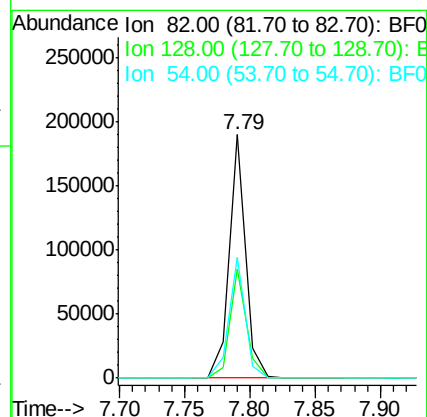
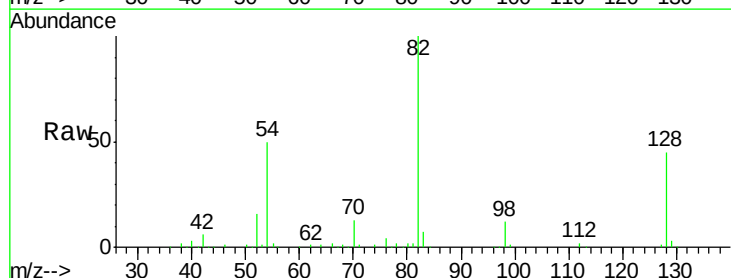
Instrument :
BNA_F
ClientSampleId :
FD7

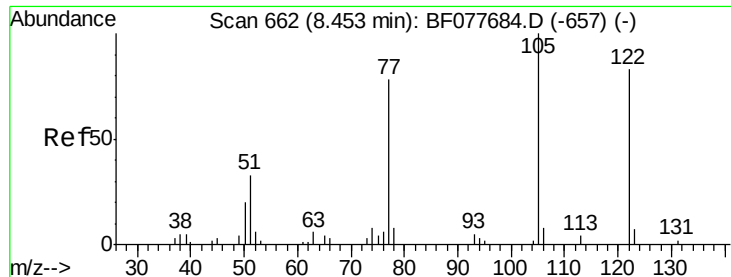
Tgt Ion:	136	Resp:	148827
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.3	4.6	6.8#
68	5.9	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 74.07 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF078021.D
Acq: 27 Mar 2015 5:02

Tgt Ion:	82	Resp:	168160
Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.8	49.2
54	49.7	40.6	60.8





#32

Benzoic acid

Concen: 3.26 ng

RT: 8.38 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF078021.D

Acq: 27 Mar 2015 5:02

Instrument :

BNA_F

ClientSampleId :

FD7

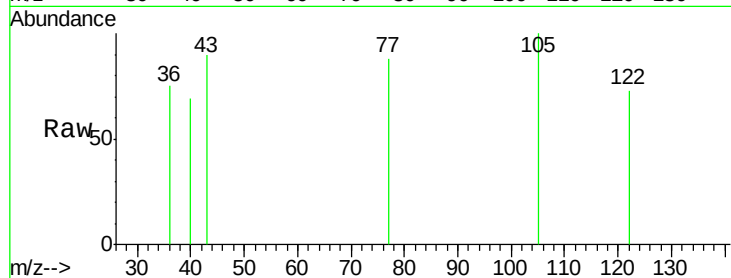
Tgt Ion:122 Resp: 217

Ion Ratio Lower Upper

122 100

105 137.5 99.9 139.9

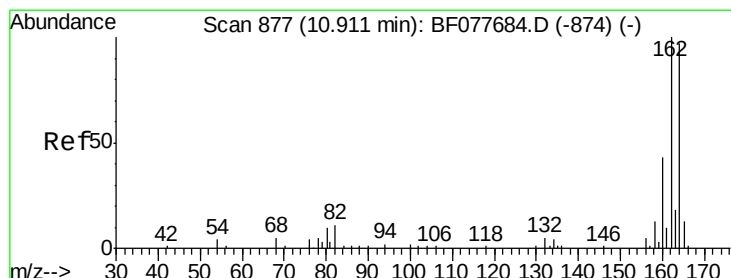
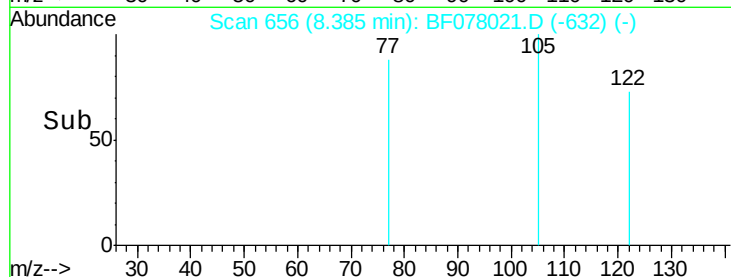
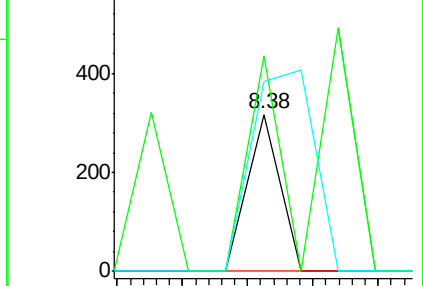
77 121.1 73.7 113.7#



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: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF078021.D

Acq: 27 Mar 2015 5:02

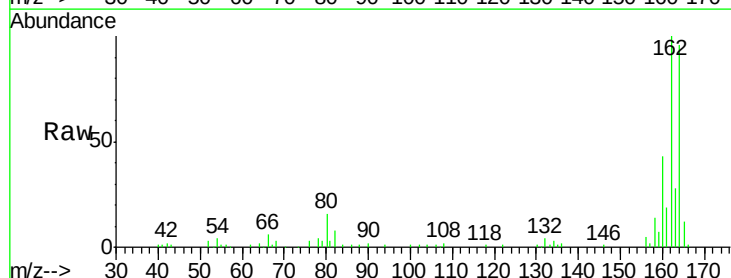
Tgt Ion:164 Resp: 72322

Ion Ratio Lower Upper

164 100

162 104.4 82.4 123.6

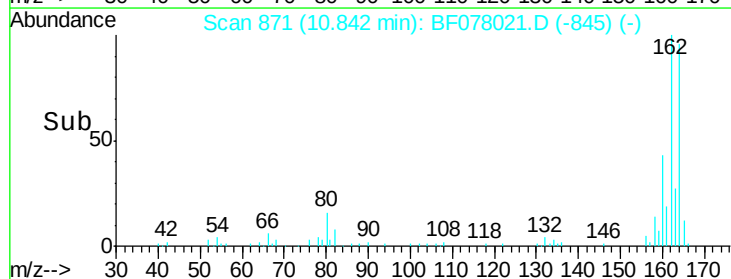
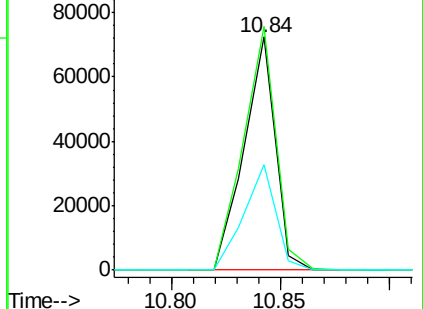
160 45.1 35.8 53.6

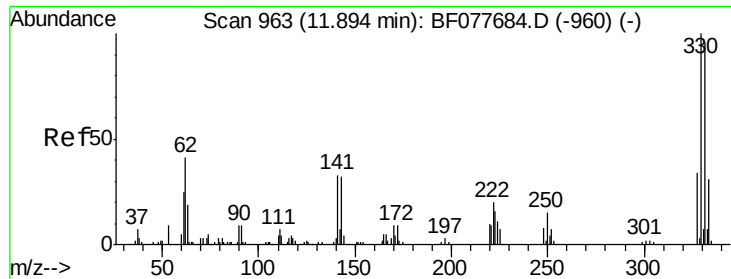


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

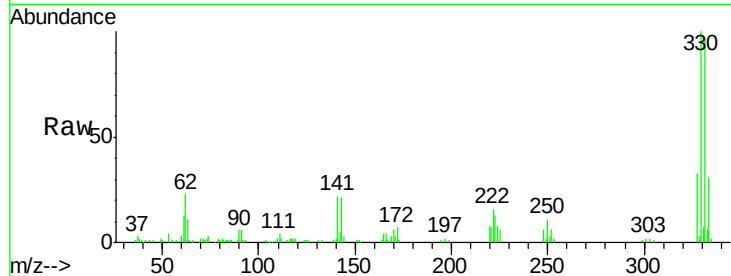




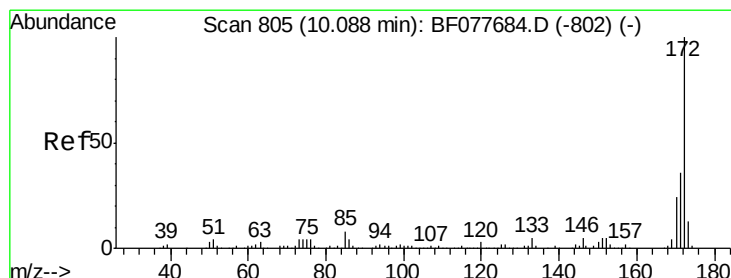
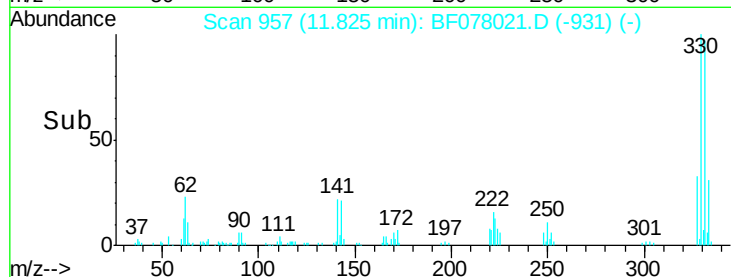
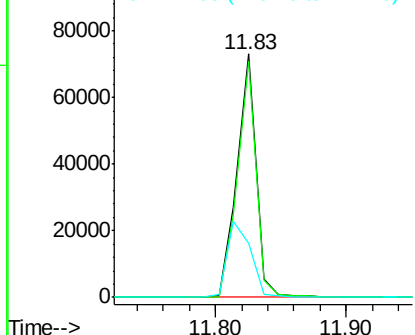
#41
 2,4,6-Tribromophenol
 Concen: 106.49 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078021.D
 Acq: 27 Mar 2015 5:02

Instrument :
 BNA_F
 ClientSampleID :
 FD7

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	38.5	0.0	0.0#

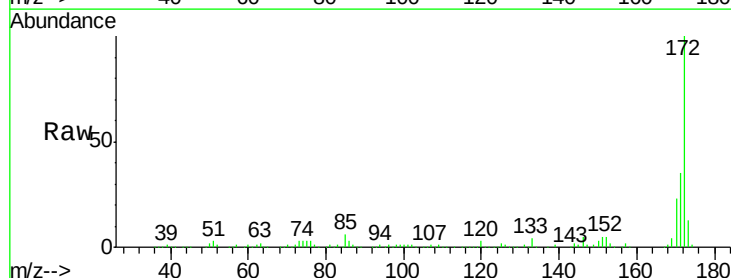


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

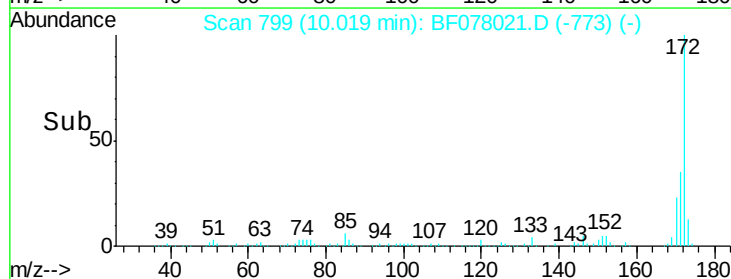
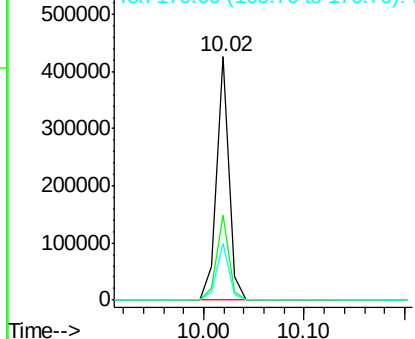


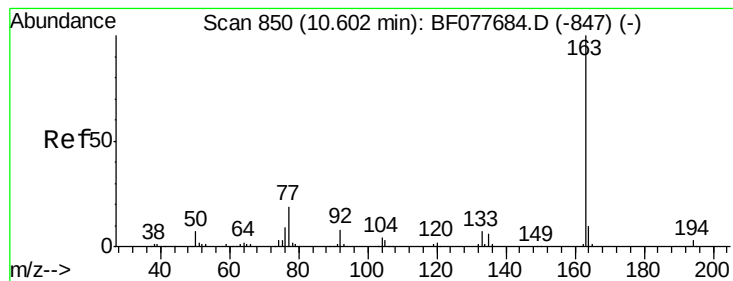
#44
 2-Fluorobiphenyl
 Concen: 73.82 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF078021.D
 Acq: 27 Mar 2015 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.3	18.8	28.2



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: 2.59 ng

RT: 10.52 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF078021.D

Acq: 27 Mar 2015 5:02

Instrument :

BNA_F

ClientSampled :

FD7

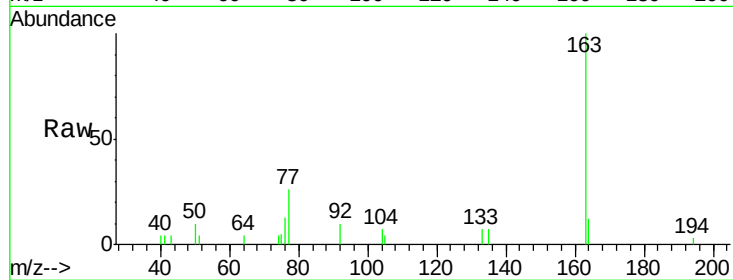
Tgt Ion:163 Resp: 13903

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

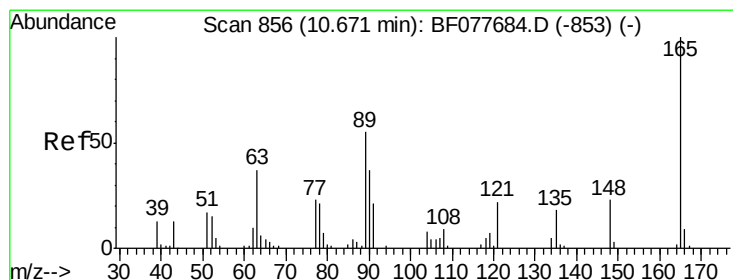
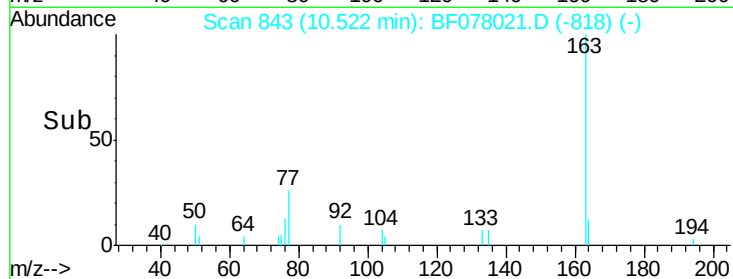
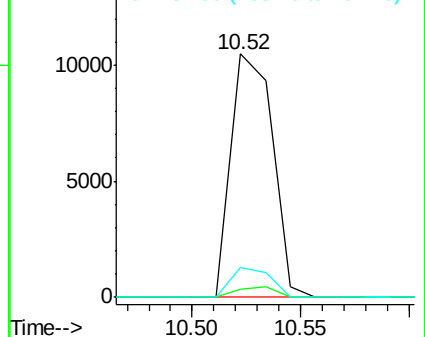
164 12.4 8.2 12.2#



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



#50

2,6-Dinitrotoluene

Concen: 8.49 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.24 min

Lab File: BF078021.D

Acq: 27 Mar 2015 5:02

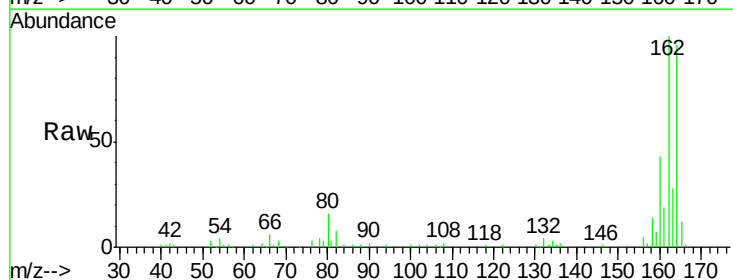
Tgt Ion:165 Resp: 9439

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

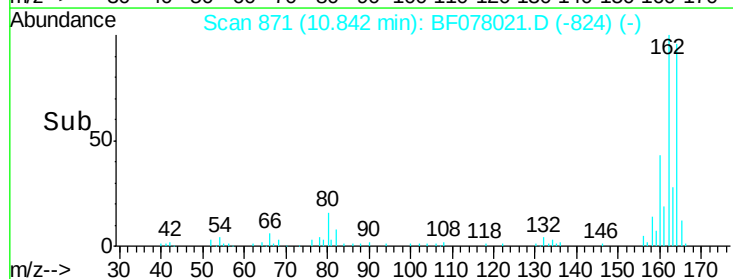
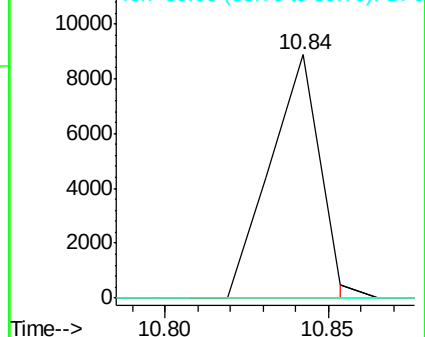
89 0.0 44.3 66.5#

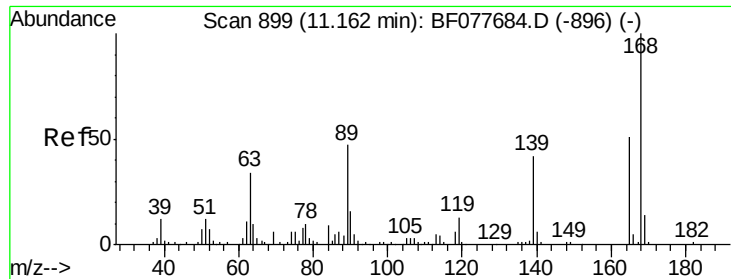


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

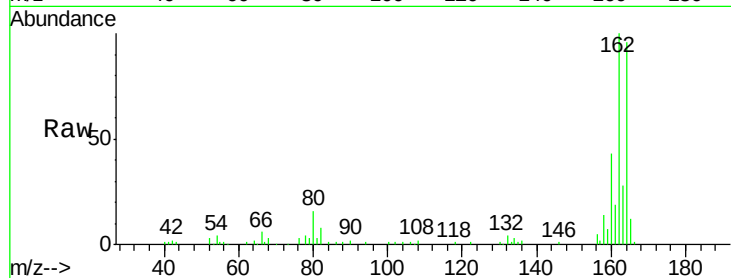




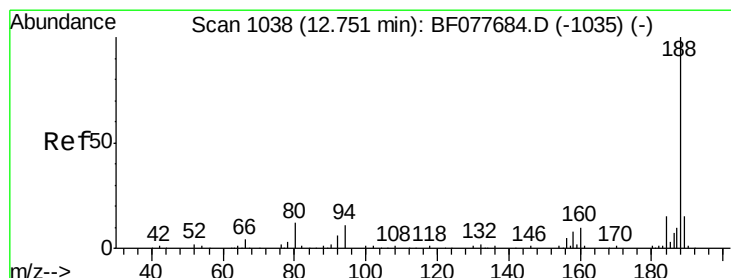
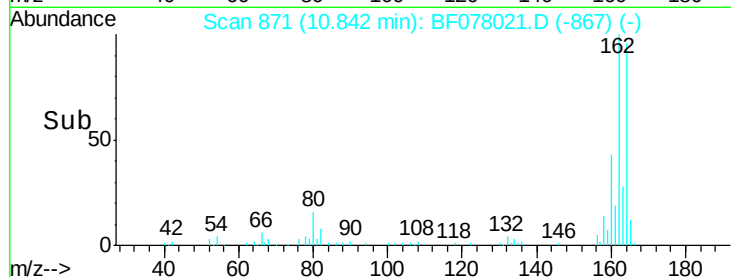
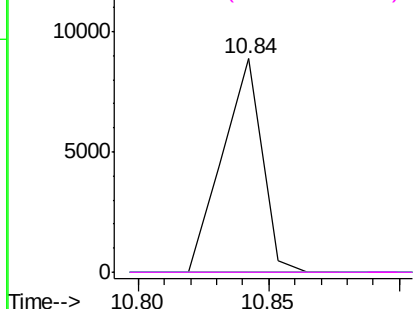
#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.25 min
 Lab File: BF078021.D
 Acq: 27 Mar 2015 5:02

Instrument :
 BNA_F
 ClientSampled :
 FD7

Tgt Ion:165 Resp: 9440
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#

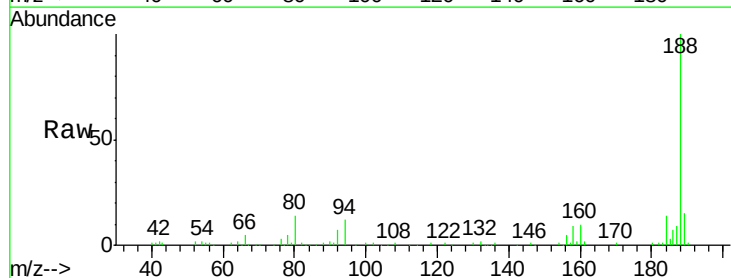


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

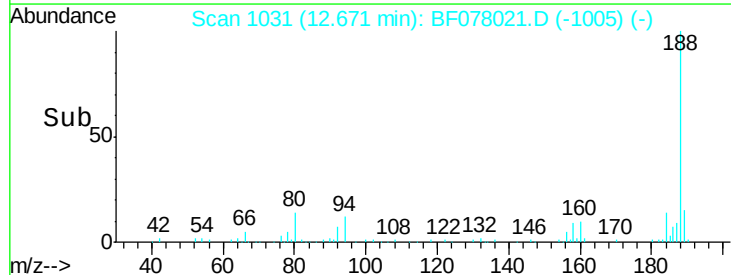
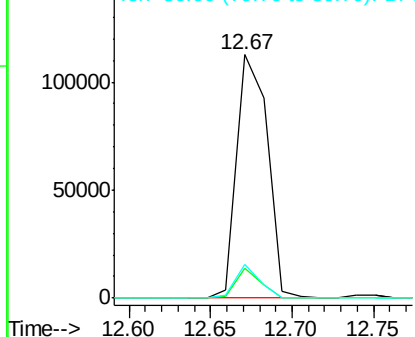


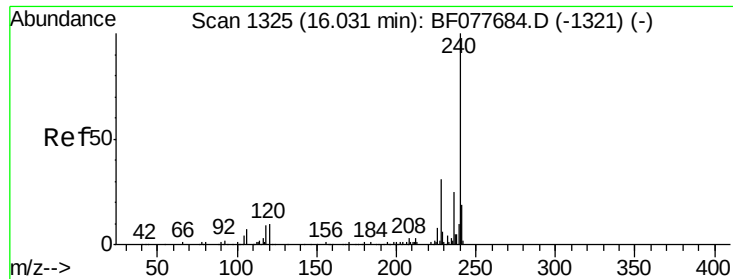
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF078021.D
 Acq: 27 Mar 2015 5:02

Tgt Ion:188 Resp: 146140
 Ion Ratio Lower Upper
 188 100
 94 12.4 8.7 13.1
 80 13.8 9.3 13.9



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: 15.95 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF078021.D

Acq: 27 Mar 2015 5:02

Instrument :

BNA_F

ClientSampleId :

FD7

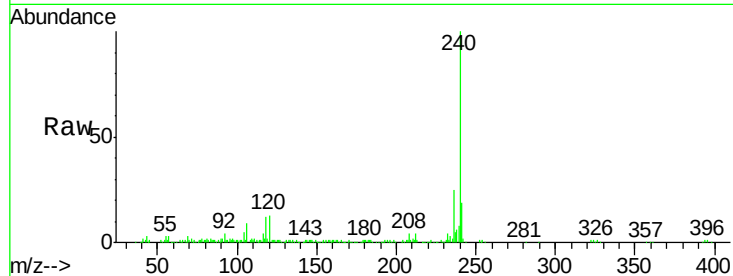
Tgt Ion:240 Resp: 155014

Ion Ratio Lower Upper

240 100

120 13.4 8.2 12.2#

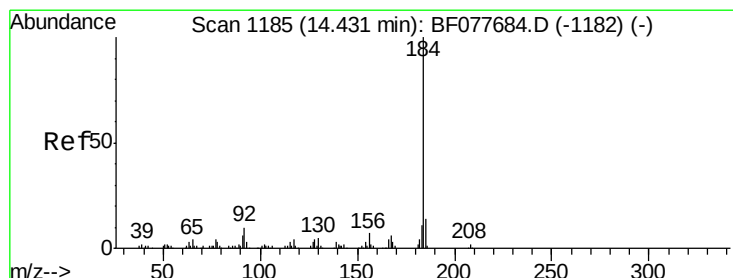
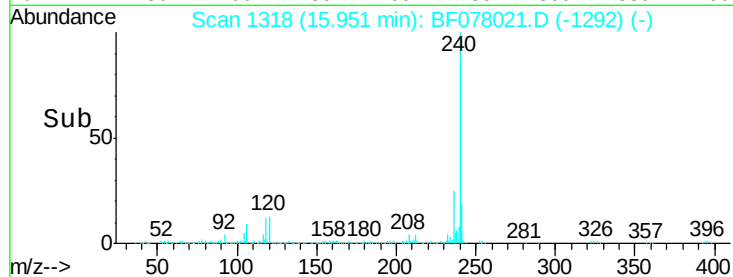
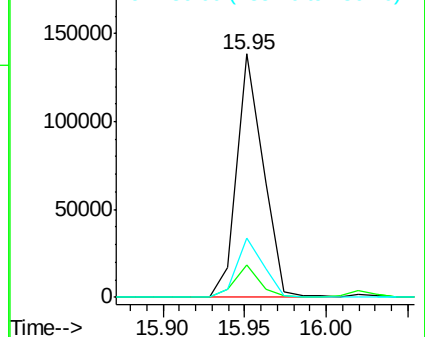
236 24.6 20.0 30.0



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



#76

Benzidine

Concen: 2.17 ng

RT: 14.33 min Scan# 1176

Delta R.T. -0.03 min

Lab File: BF078021.D

Acq: 27 Mar 2015 5:02

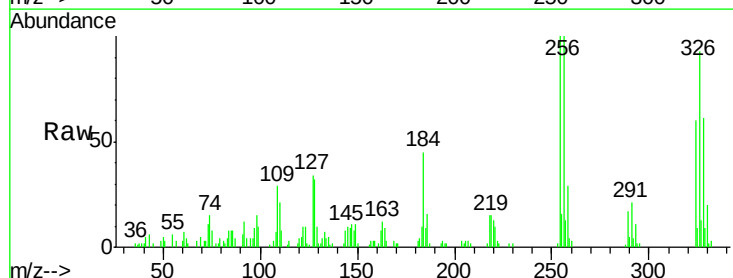
Tgt Ion:184 Resp: 10087

Ion Ratio Lower Upper

184 100

185 19.6 11.3 16.9#

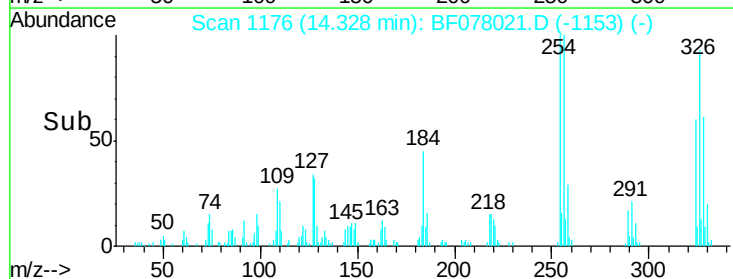
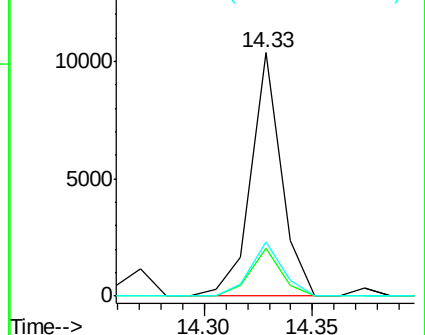
183 22.5 8.9 13.3#

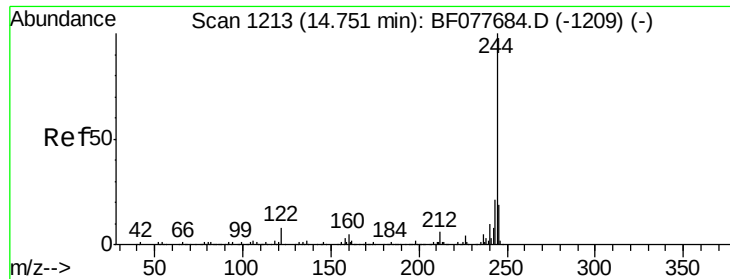


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

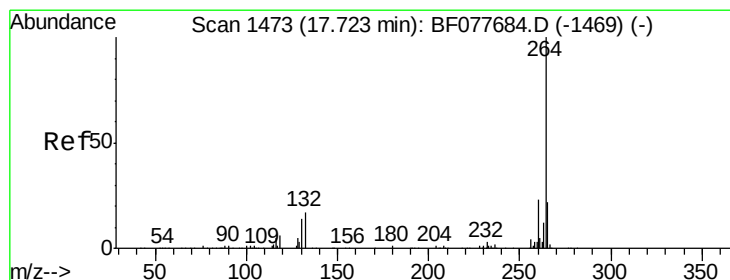
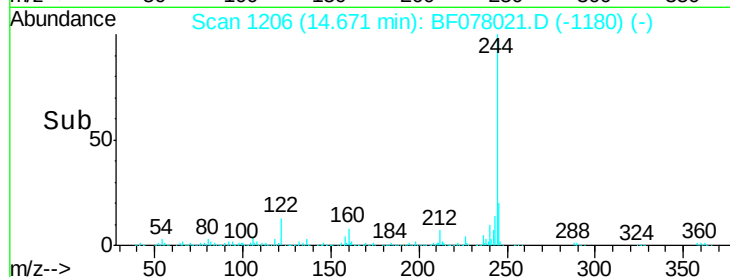
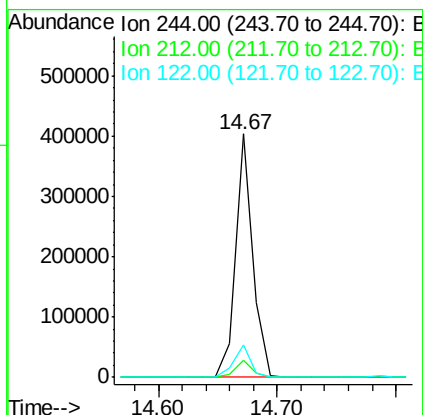
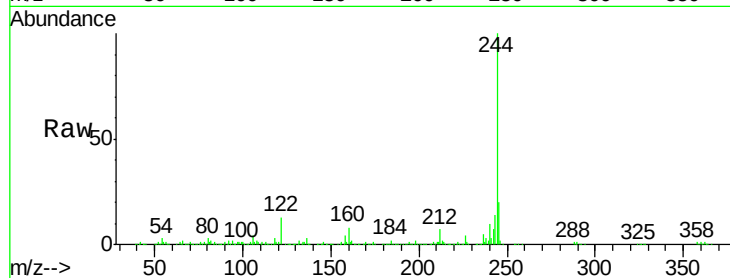




#78
 Terphenyl-d14
 Concen: 63.47 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF078021.D
 Acq: 27 Mar 2015 5:02

Instrument :
 BNA_F
 ClientSampleId :
 FD7

Tgt Ion:244 Resp: 402811
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 13.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BF078021.D
 Acq: 27 Mar 2015 5:02

Tgt Ion:264 Resp: 153857
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 20.8 17.3 25.9

