

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
 Data File : BF078937.D
 Acq On : 5 May 2015 12:59
 Operator : TP/IZ
 Sample : G2115-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6

Quant Time: May 05 18:41:14 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

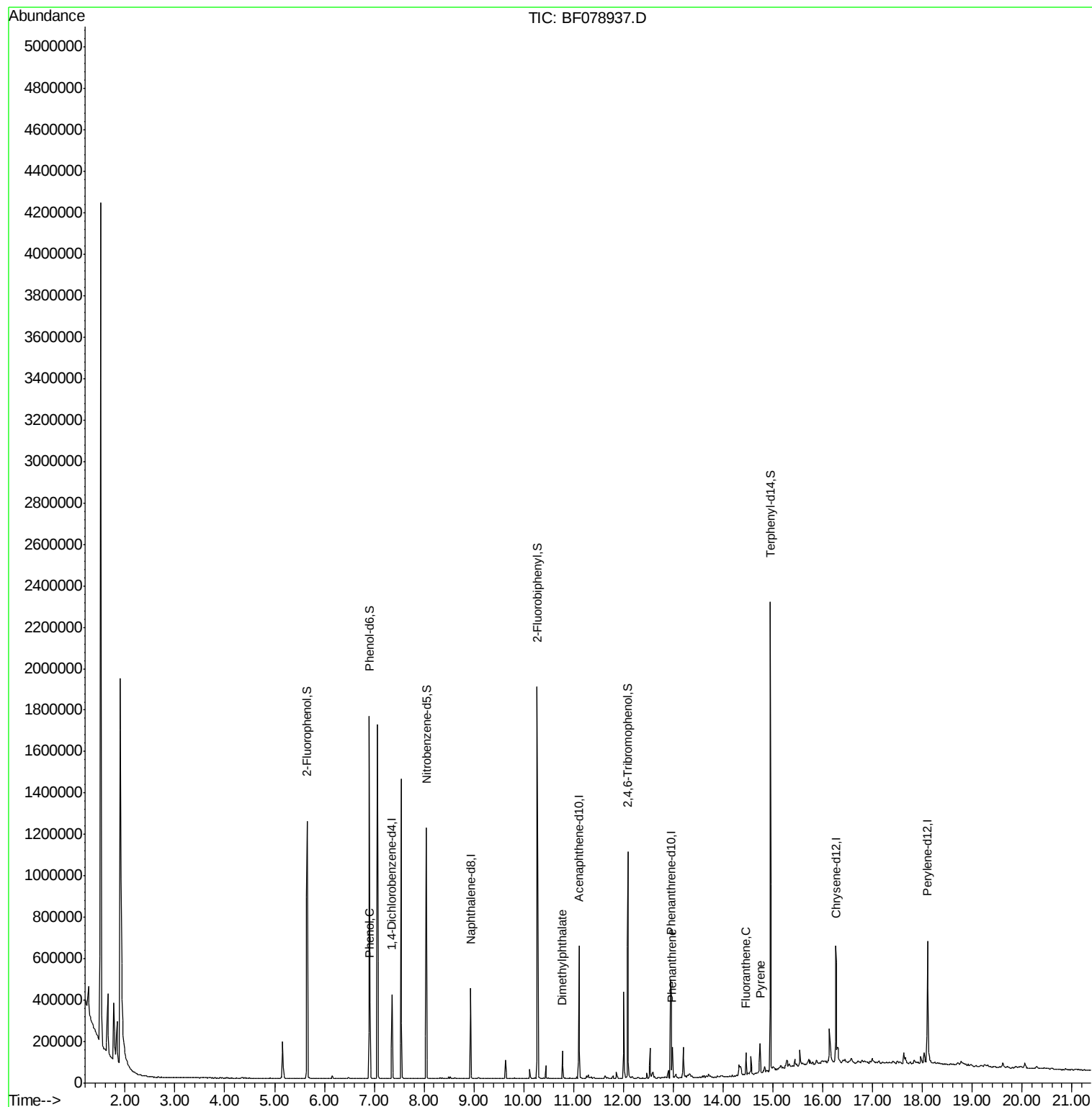
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	64828	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	258646	20.00	ng	-0.01
38) Acenaphthene-d10	11.11	164	126639	20.00	ng	-0.02
63) Phenanthrene-d10	12.95	188	246278	20.00	ng	-0.02
75) Chrysene-d12	16.27	240	274360	20.00	ng	-0.02
86) Perylene-d12	18.10	264	292546	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	450046	119.50	ng	-0.01
7) Phenol-d6	6.90	99	586413	117.80	ng	-0.02
23) Nitrobenzene-d5	8.04	82	355371	78.96	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	167324	122.13	ng	-0.02
44) 2-Fluorobiphenyl	10.27	172	692004	76.13	ng	-0.02
78) Terphenyl-d14	14.95	244	831107	72.52	ng	-0.02
Target Compounds						
10) Phenol	6.91	94	17782	3.08	ng	Qvalue # 53
49) Dimethylphthalate	10.78	163	63858	6.87	ng	99
70) Phenanthrene	12.98	178	38263	2.78	ng	100
74) Fluoranthene	14.46	202	57441	4.00	ng	97
77) Pyrene	14.74	202	60389	3.82	ng	97

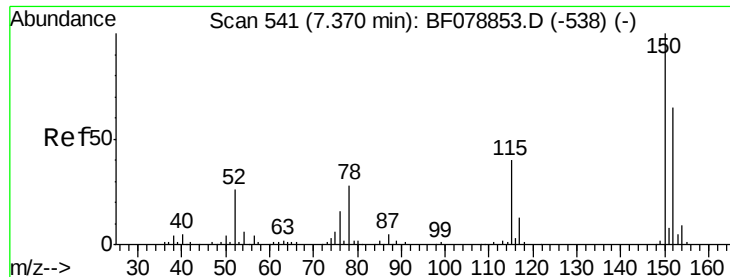
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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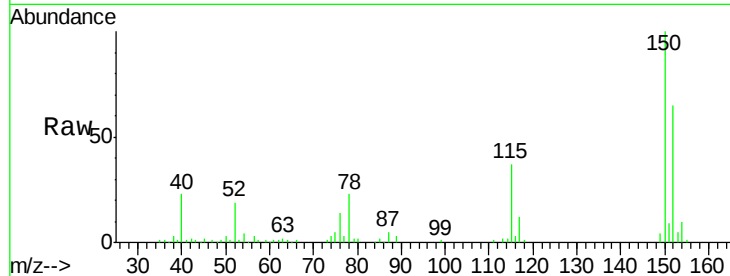


#1

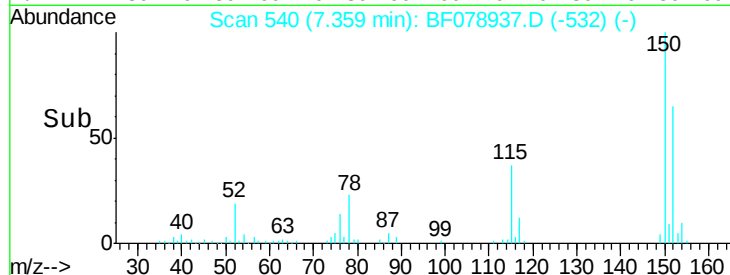
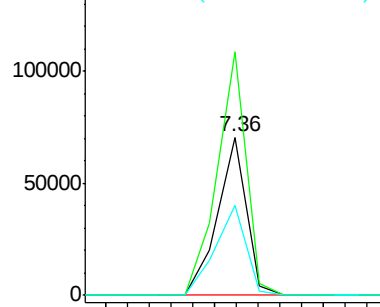
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6

Tot Ion:152 Resp: 64828
Ion Ratio Lower Upper
152 100
150 154.0 122.0 183.0
115 57.0 46.3 69.5



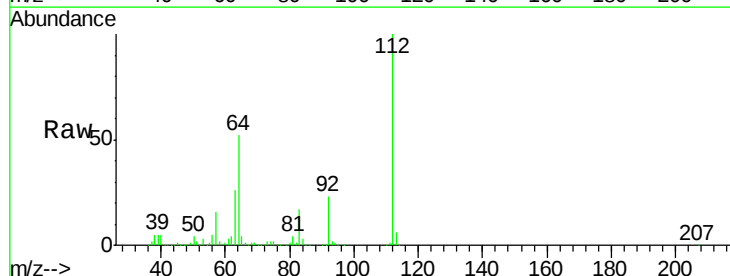
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



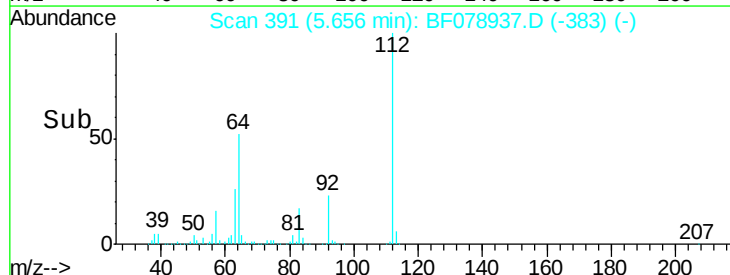
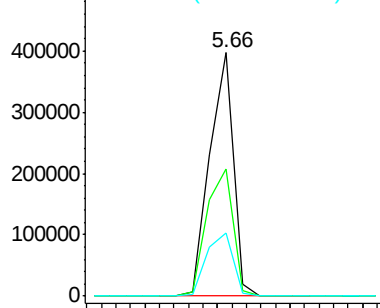
#5

2-Fluorophenol
Concen: 119.50 ng
RT: 5.66 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Tgt Ion:112 Resp: 450046
Ion Ratio Lower Upper
112 100
64 52.1 53.5 80.3#
63 25.7 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





#7

Phenol-d6

Concen: 117.80 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078937.D

Acq: 5 May 2015 12:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6

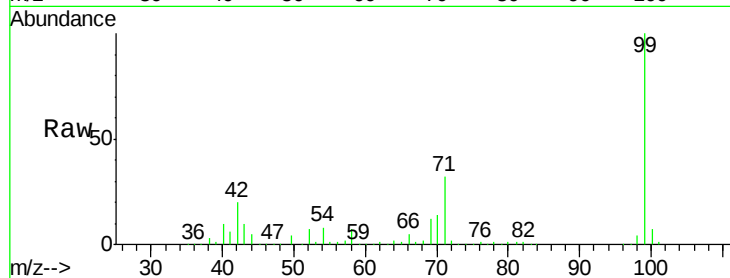
Tot Ion: 99 Resp: 586413

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

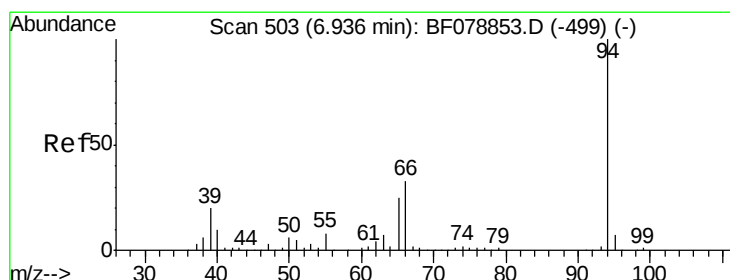
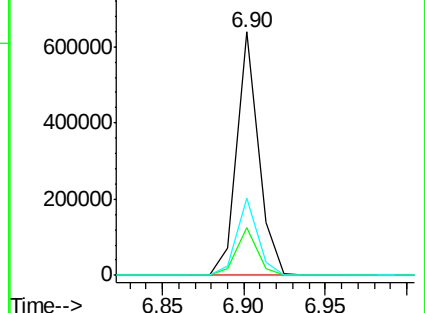
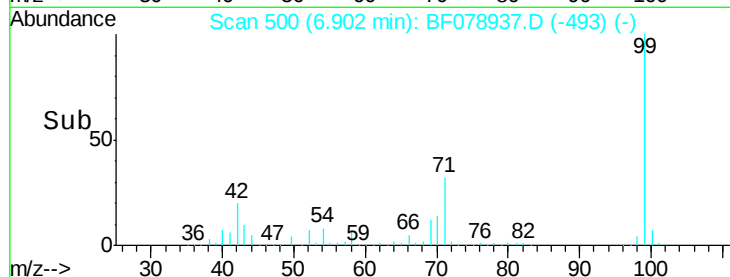
71 31.8 23.4 35.2



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: 3.08 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.02 min

Lab File: BF078937.D

Acq: 5 May 2015 12:59

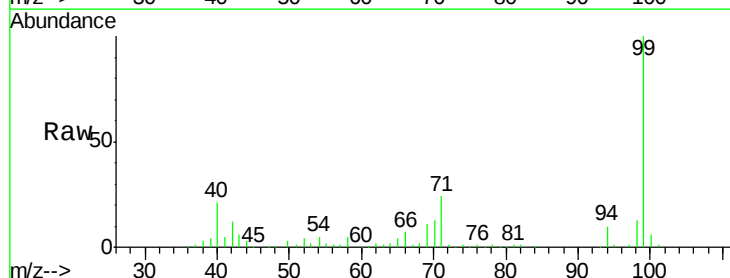
Tgt Ion: 94 Resp: 17782

Ion Ratio Lower Upper

94 100

65 40.0 8.5 48.5

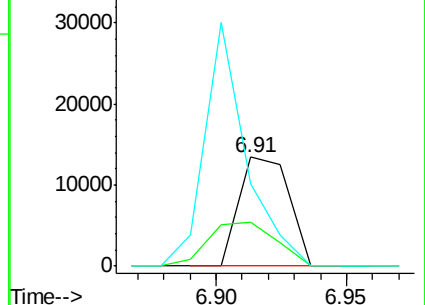
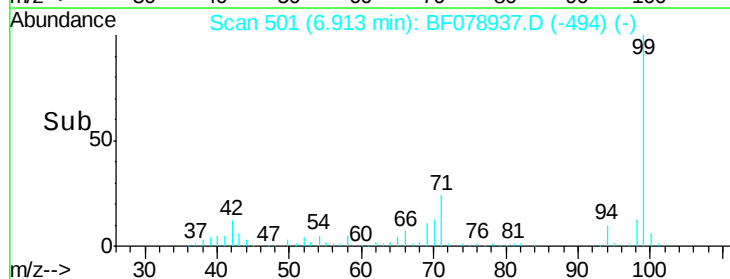
66 75.5 16.0 56.0#



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

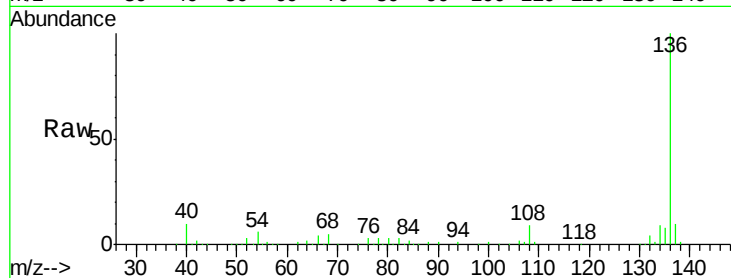




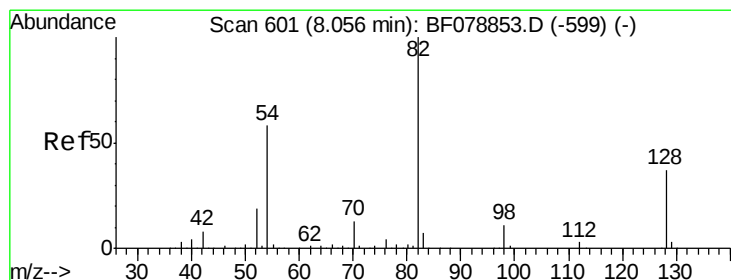
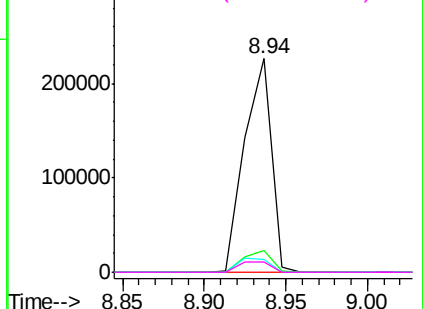
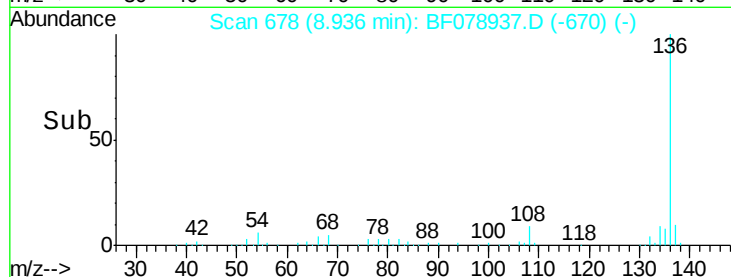
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6

Tot Ion:136	Resp:	258646
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	5.9	5.8 8.8
68	5.0	4.2 6.4

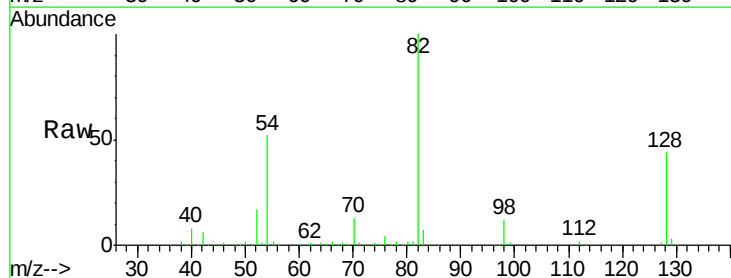


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

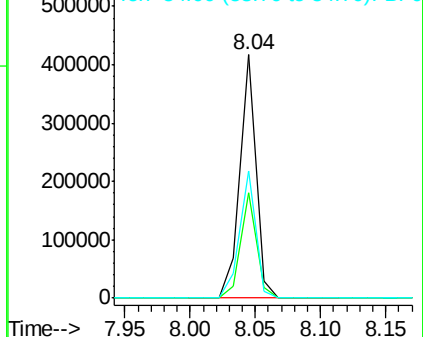
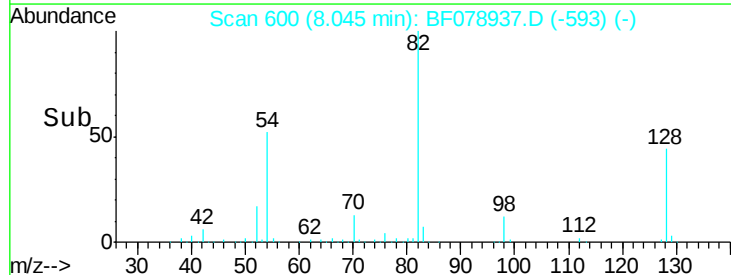


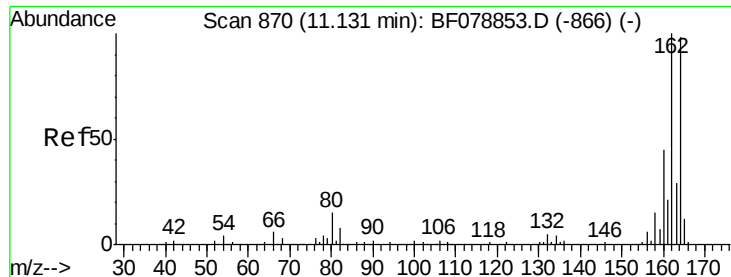
#23
Nitrobenzene-d5
Concen: 78.96 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Tgt Ion: 82	Resp:	355371
Ion Ratio	Lower	Upper
82	100	
128	43.5	30.0 45.0
54	52.2	46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

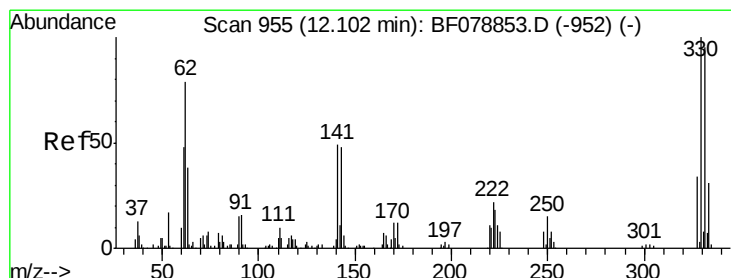
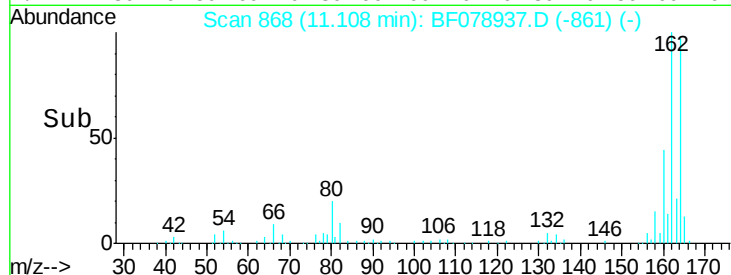
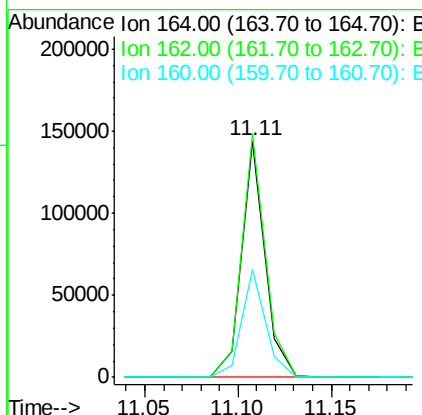
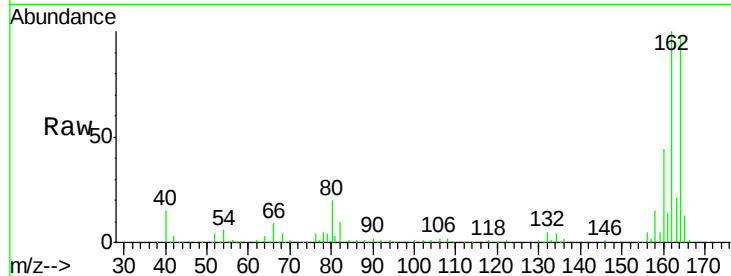




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

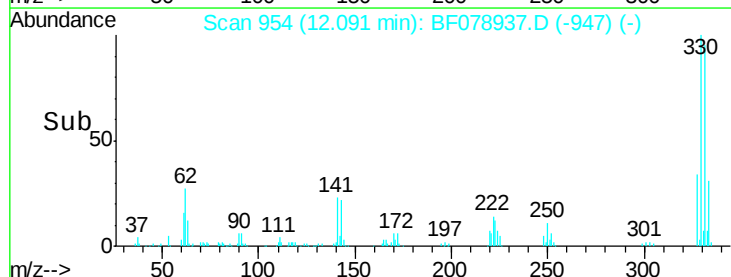
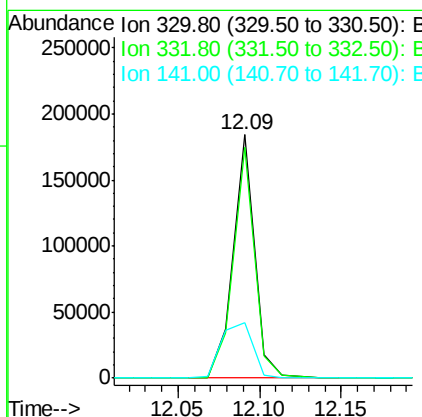
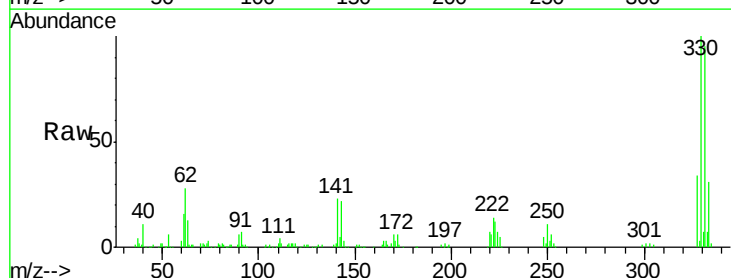
Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6

Tot Ion:164 Resp: 126639
Ion Ratio Lower Upper
164 100
162 103.0 82.7 124.1
160 45.7 35.8 53.8



#41
2,4,6-Tribromophenol
Concen: 122.13 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Tgt Ion:330 Resp: 167324
Ion Ratio Lower Upper
330 100
332 94.5 0.0 0.0#
141 33.7 0.0 0.0#

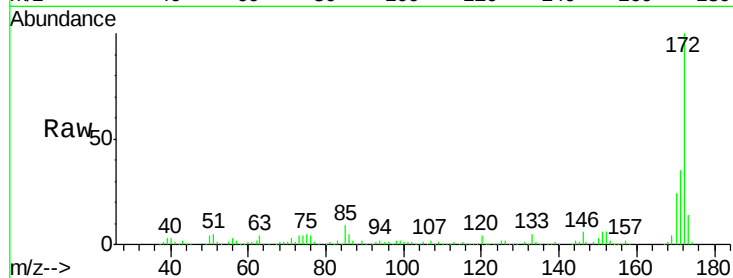




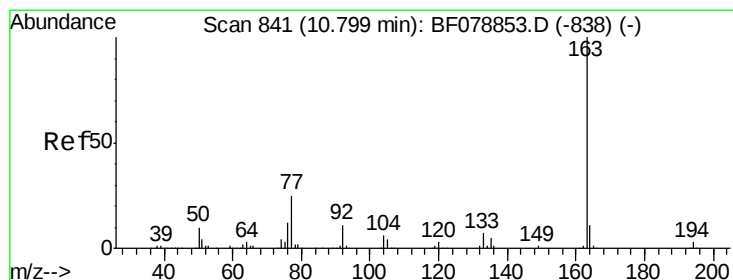
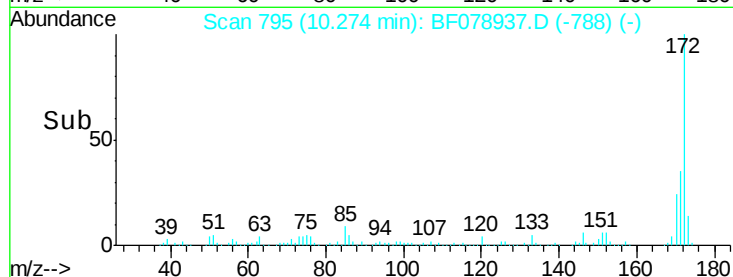
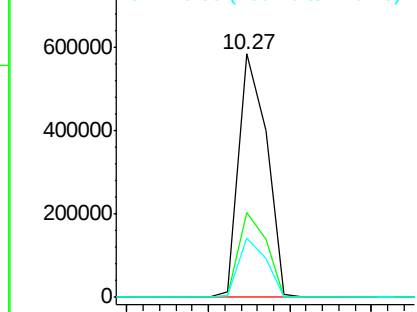
#44
2-Fluorobiphenyl
Concen: 76.13 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	24.4	19.4	29.0

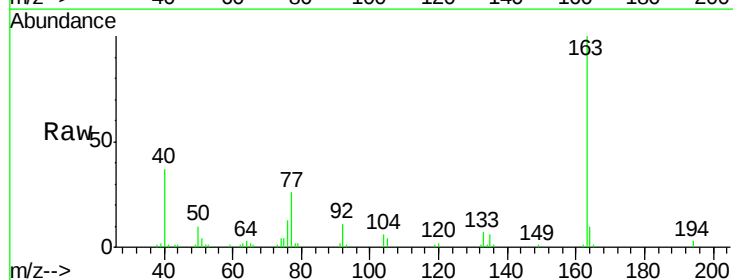


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

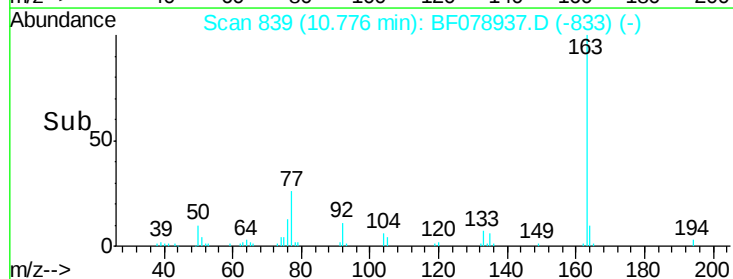
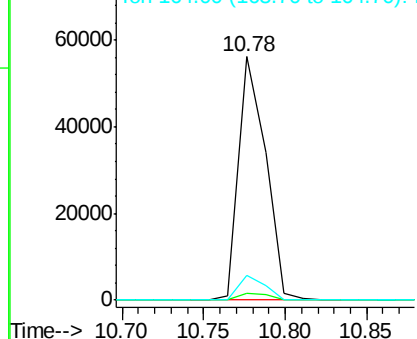


#49
Dimethylphthalate
Concen: 6.87 ng
RT: 10.78 min Scan# 839
Delta R.T. -0.03 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.4	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

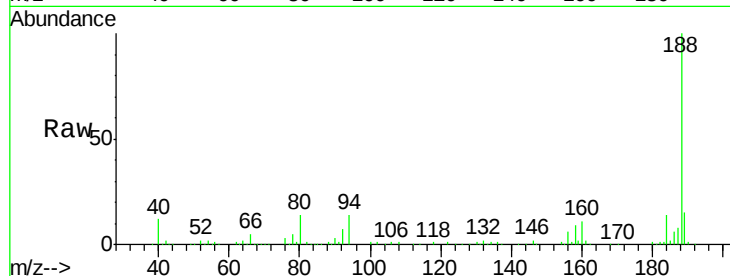




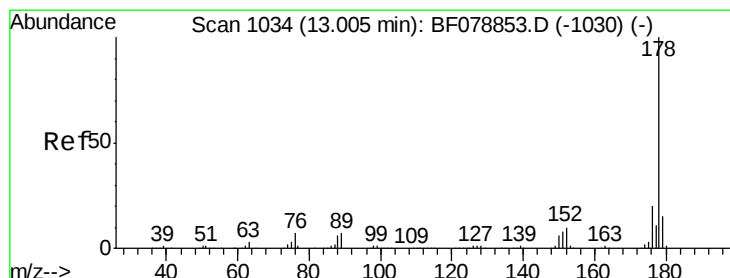
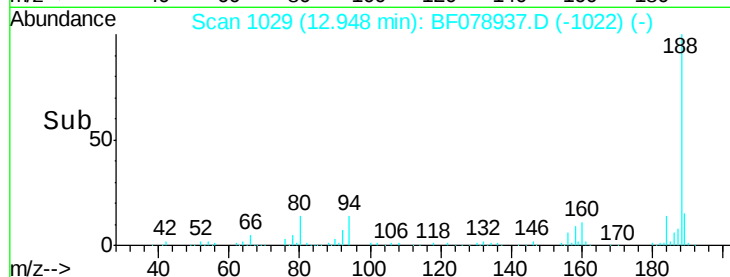
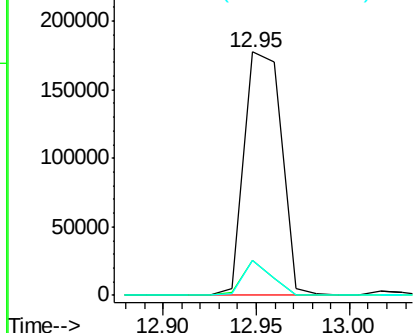
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6

Tot Ion:188 Resp: 246278
Ion Ratio Lower Upper
188 100
94 14.1 8.2 12.2#
80 14.4 8.9 13.3#

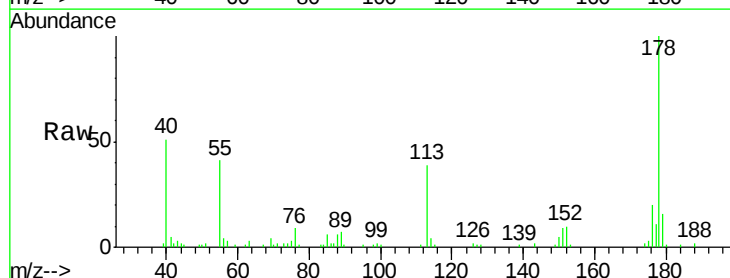


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

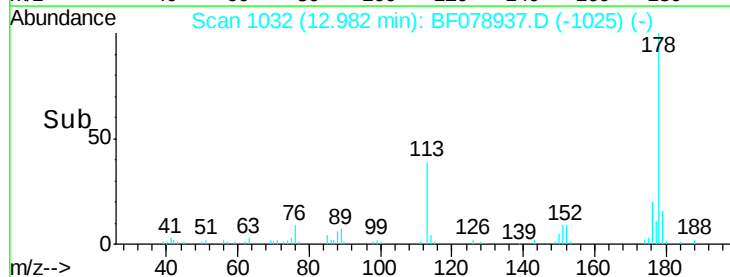
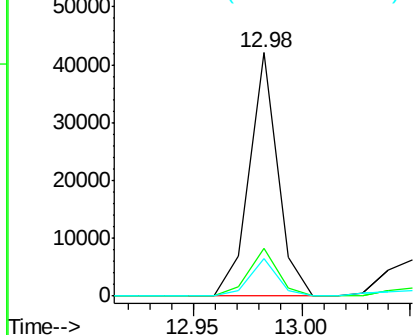


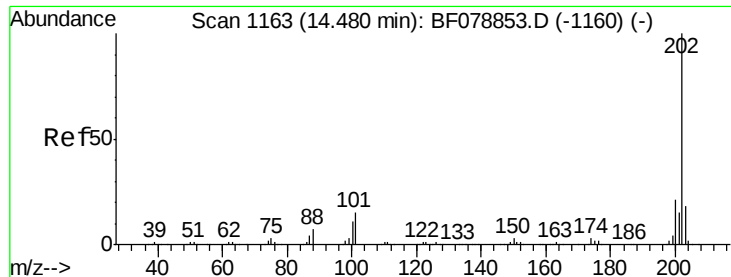
#70
Phenanthrene
Concen: 2.78 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Tgt Ion:178 Resp: 38263
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

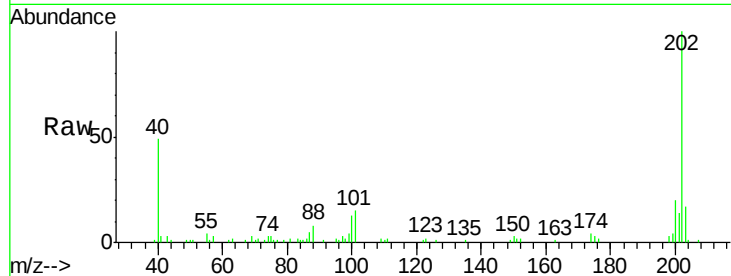




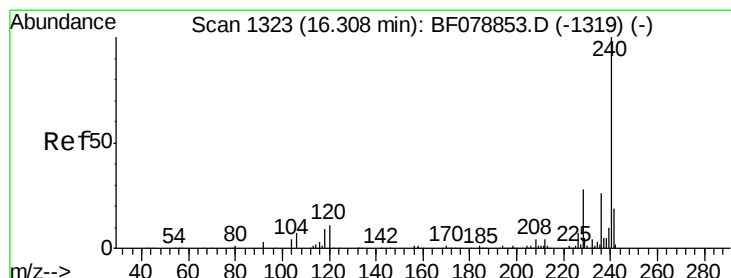
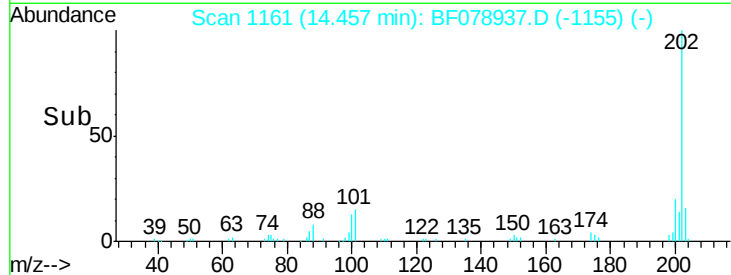
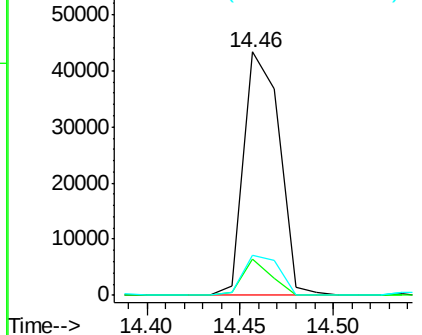
#74
 Fluoranthene
 Concen: 4.00 ng
 RT: 14.46 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BF078937.D
 Acq: 5 May 2015 12:59

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-6

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.6
203	16.7	0.0	38.4

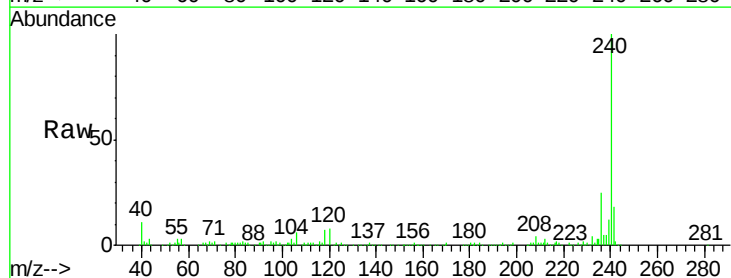


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

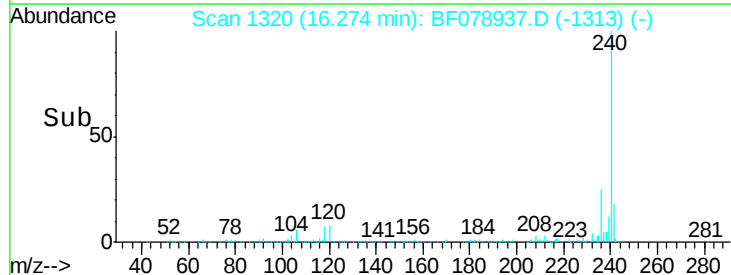
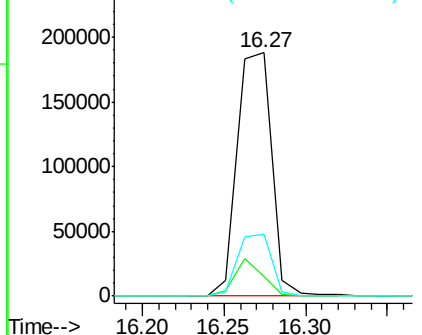


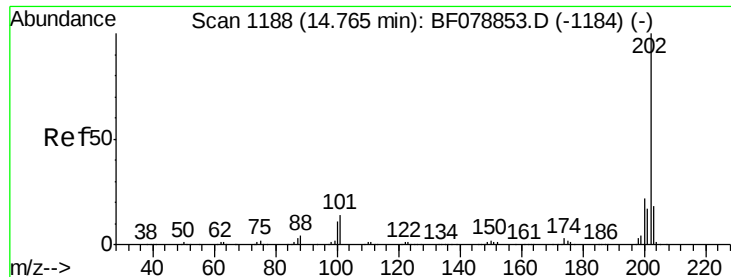
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF078937.D
 Acq: 5 May 2015 12:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.7	14.5#
236	25.2	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





#77

Pvrene

Concen: 3.82 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF078937.D

Acq: 5 May 2015 12:59

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-6

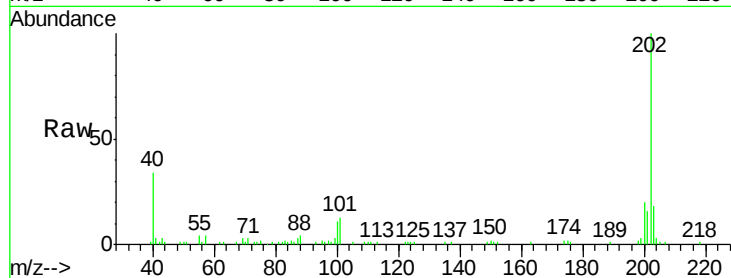
Tot Ion:202 Resp: 60389

Ion Ratio Lower Upper

202 100

200 19.7 17.5 26.3

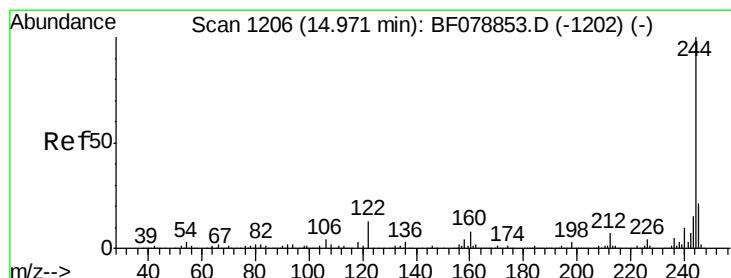
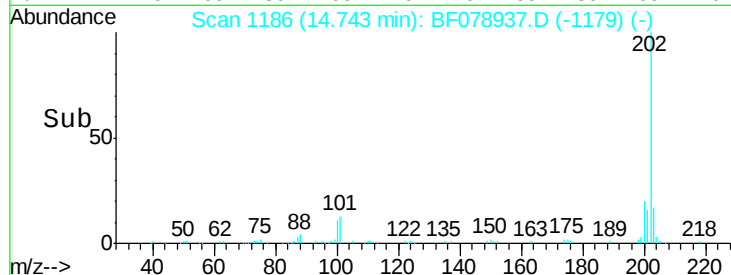
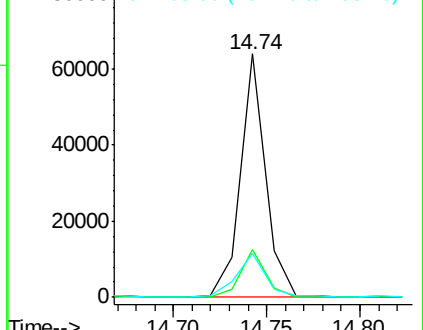
203 17.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.52 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF078937.D

Acq: 5 May 2015 12:59

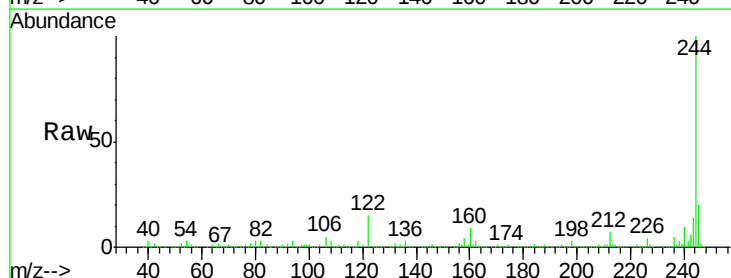
Tgt Ion:244 Resp: 831107

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

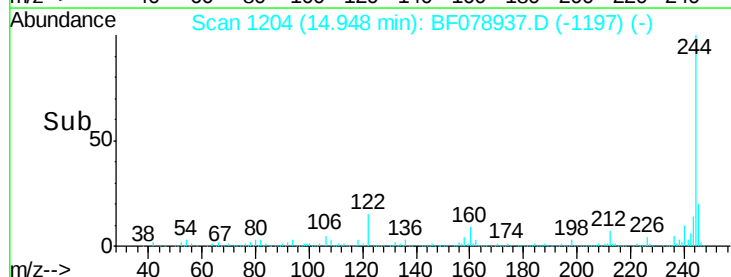
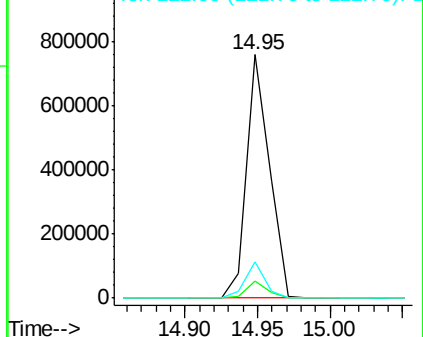
122 14.8 10.3 15.5

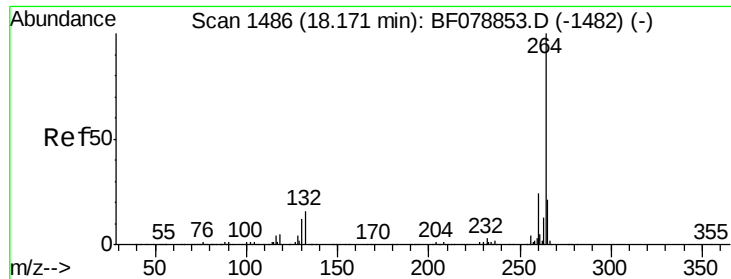


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.10 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF078937.D
Acq: 5 May 2015 12:59

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.5	18.3	27.5

