

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
 Data File : BF078936.D
 Acq On : 5 May 2015 12:02
 Operator : TP/IZ
 Sample : G2115-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-5

Quant Time: May 05 18:38:35 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

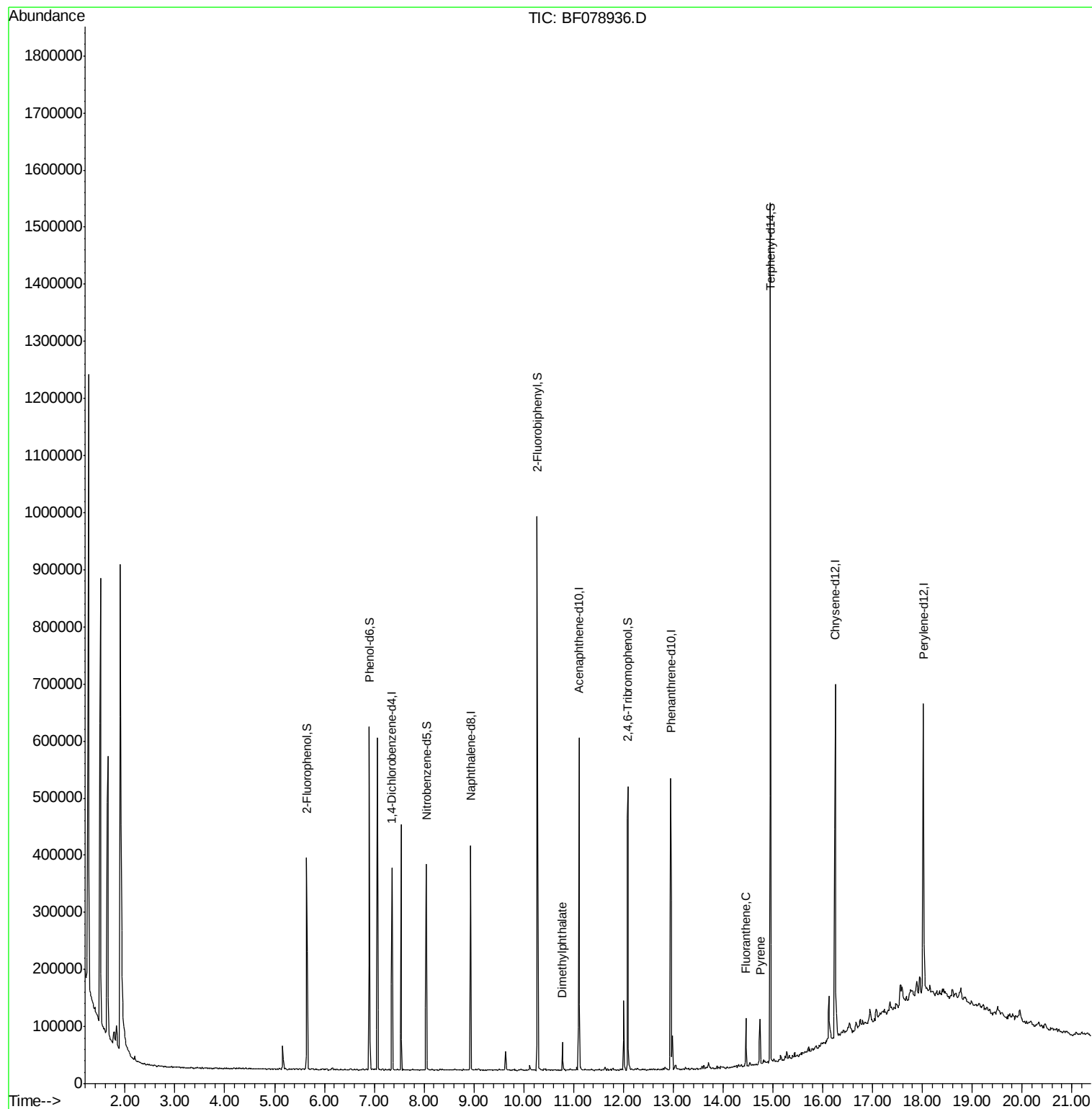
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	59687	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	240818	20.00	ng	-0.01
38) Acenaphthene-d10	11.11	164	116914	20.00	ng	-0.02
63) Phenanthrene-d10	12.95	188	227440	20.00	ng	-0.02
75) Chrysene-d12	16.25	240	262118	20.00	ng	-0.05
86) Perylene-d12	18.02	264	287369	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	123033	35.48	ng	-0.02
7) Phenol-d6	6.90	99	211918	46.24	ng	-0.02
23) Nitrobenzene-d5	8.04	82	115305	27.52	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	89195	70.52	ng	-0.02
44) 2-Fluorobiphenyl	10.27	172	338467	40.33	ng	-0.02
78) Terphenyl-d14	14.95	244	527183	48.15	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	10.78	163	22152	2.58	ng	99
74) Fluoranthene	14.46	202	38472	2.90	ng	98
77) Pyrene	14.74	202	36810	2.44	ng	98

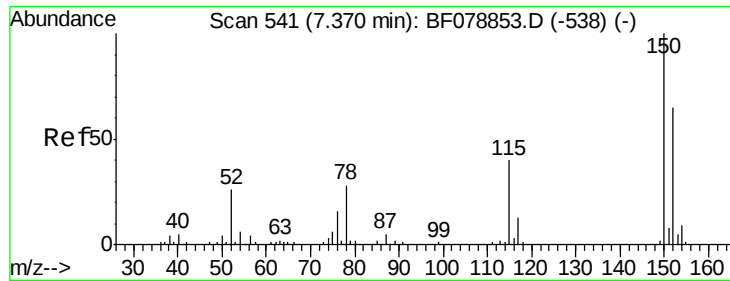
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078936.D

Acq: 5 May 2015 12:02

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-5

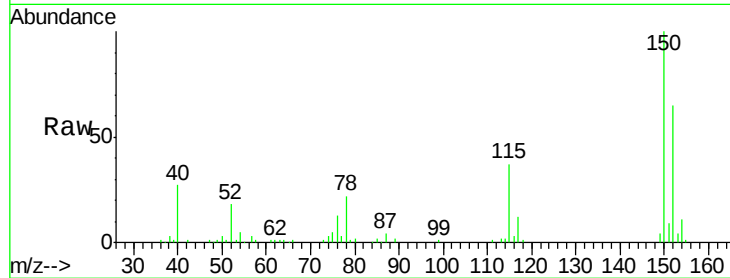
Tot Ion:152 Resp: 59687

Ion Ratio Lower Upper

152 100

150 154.4 122.0 183.0

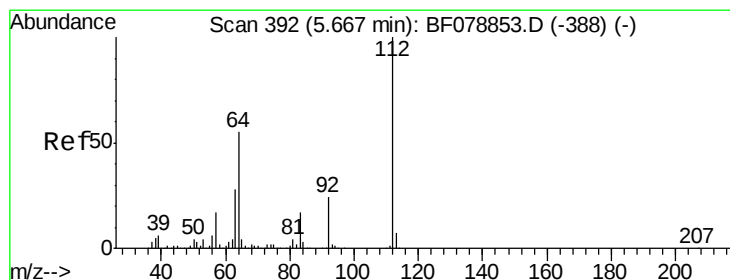
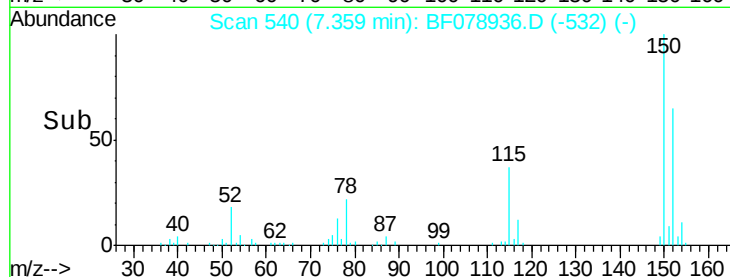
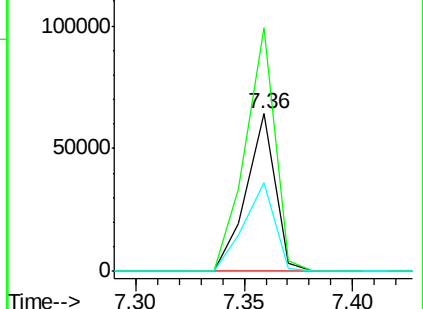
115 56.4 46.3 69.5



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: 35.48 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

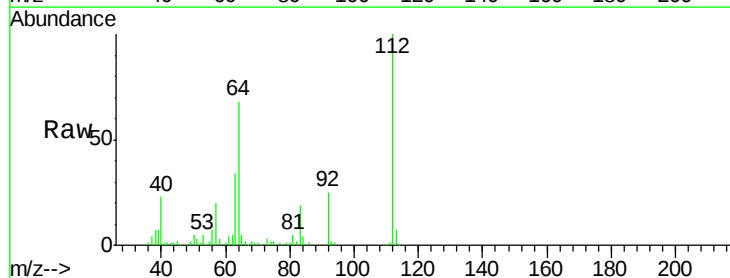
Tgt Ion:112 Resp: 123033

Ion Ratio Lower Upper

112 100

64 67.5 53.5 80.3

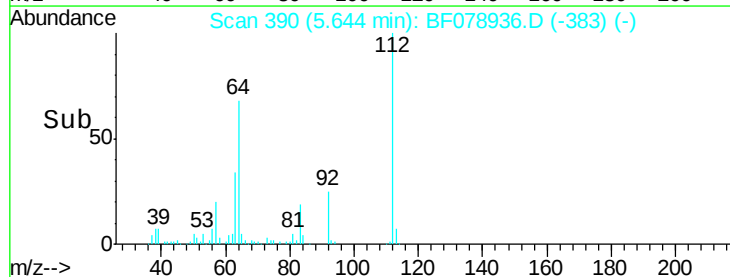
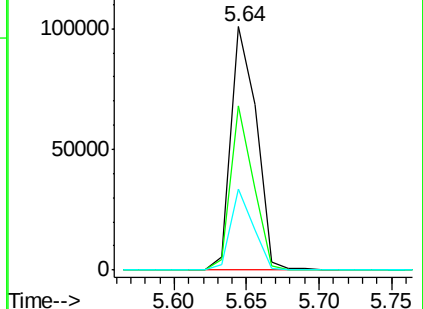
63 33.5 27.5 41.3



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: 46.24 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-5

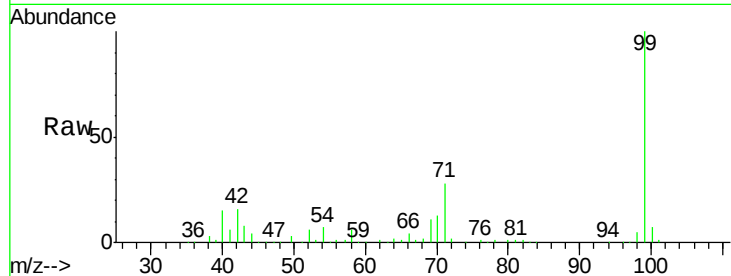
Tot Ion: 99 Resp: 211918

Ion Ratio Lower Upper

99 100

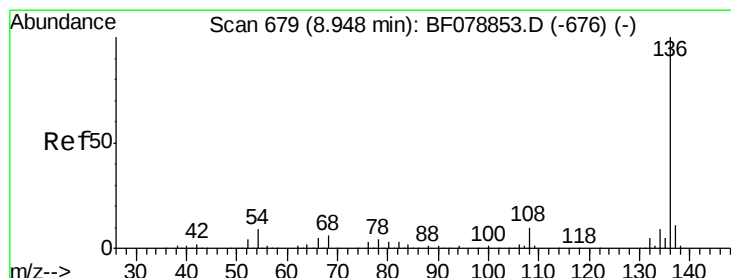
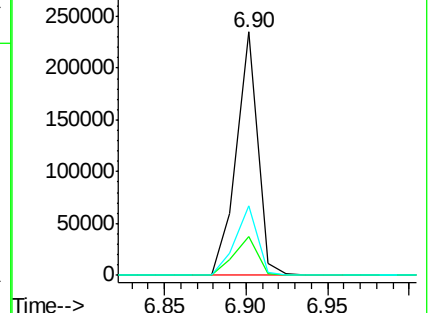
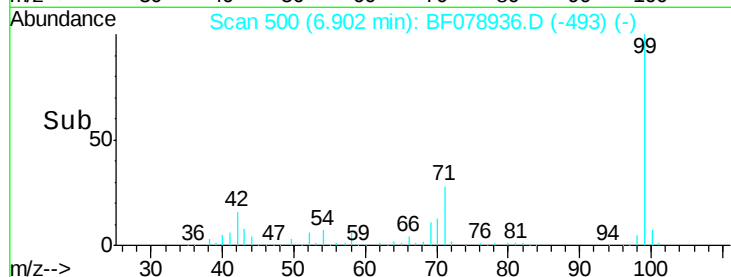
42 16.1 12.8 19.2

71 28.5 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

6.90



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

Tgt Ion: 136 Resp: 240818

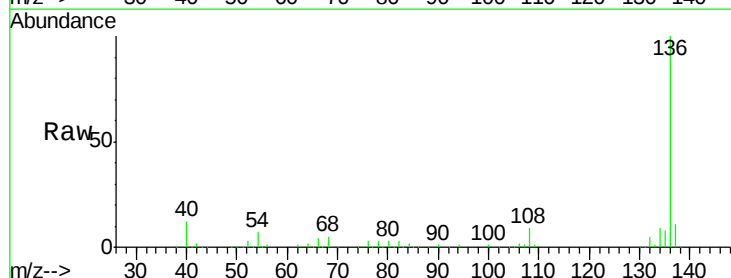
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

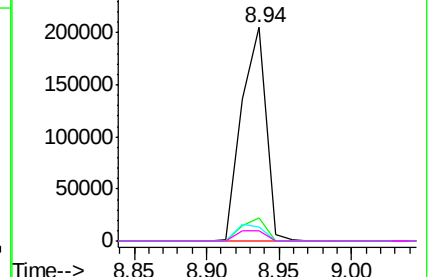
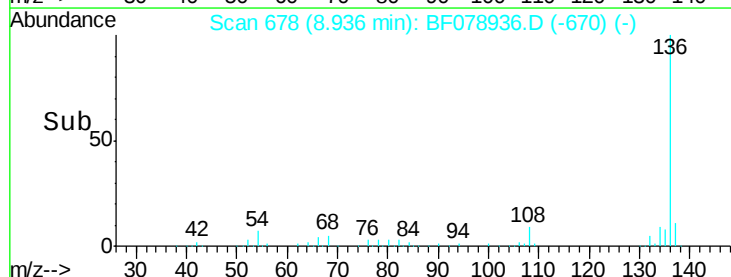
54 6.6 5.8 8.8

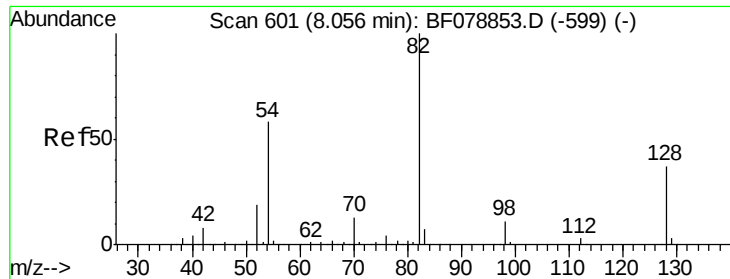
68 4.7 4.2 6.4



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

8.94

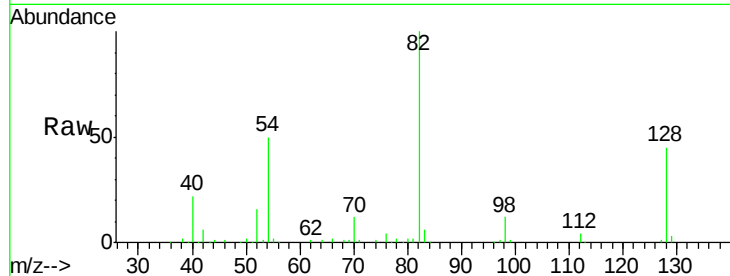




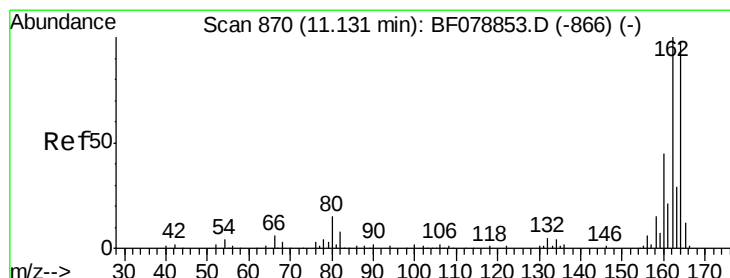
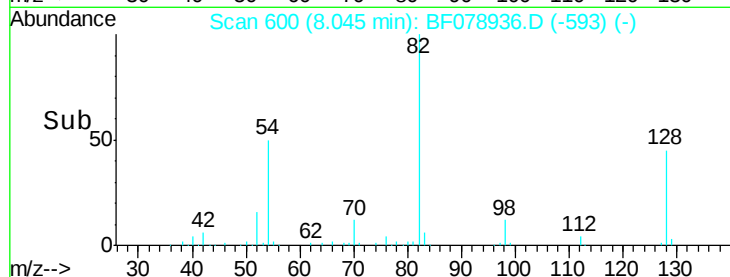
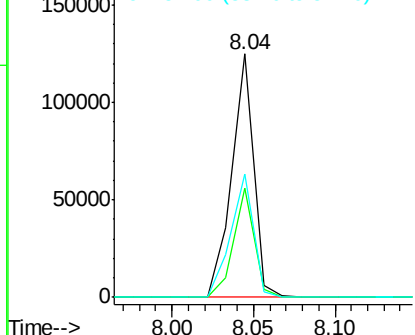
#23
Nitrobenzene-d5
Concen: 27.52 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF078936.D
Acq: 5 May 2015 12:02

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-5

Tot Ion: 82 Resp: 115305
Ion Ratio Lower Upper
82 100
128 44.7 30.0 45.0
54 50.4 46.4 69.6

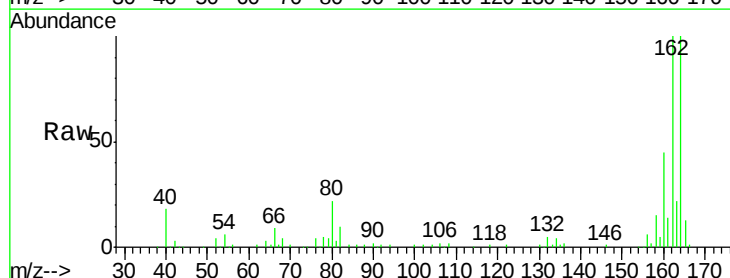


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

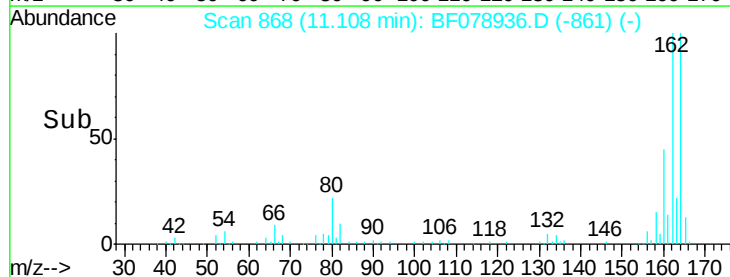
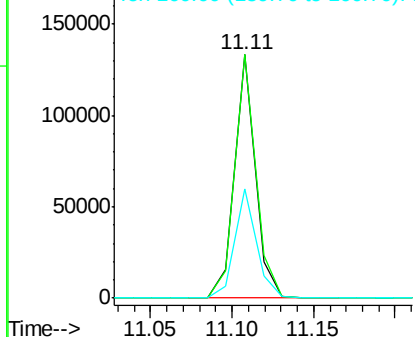


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF078936.D
Acq: 5 May 2015 12:02

Tgt Ion:164 Resp: 116914
Ion Ratio Lower Upper
164 100
162 100.2 82.7 124.1
160 45.0 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

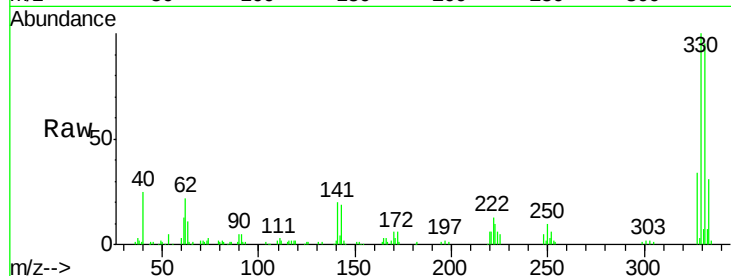




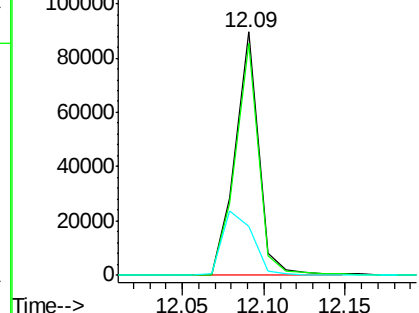
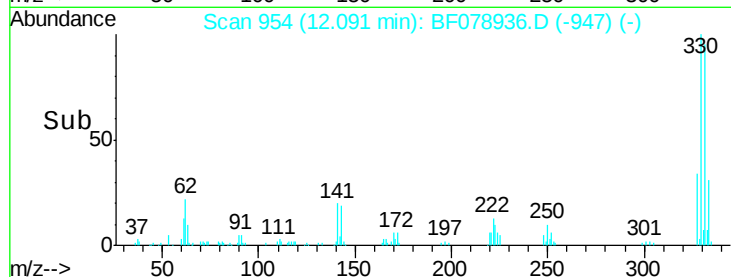
#41
 2,4,6-Tribromophenol
 Concen: 70.52 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	34.1	0.0	0.0#

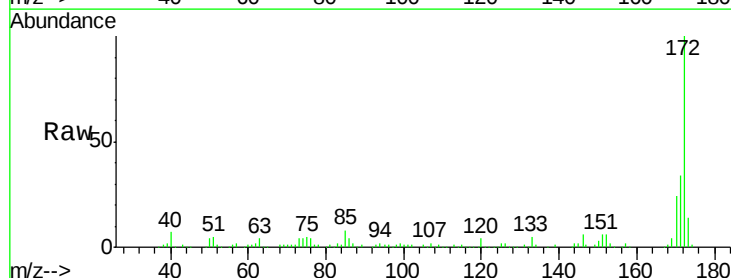


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

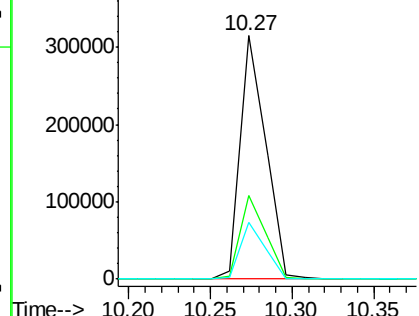
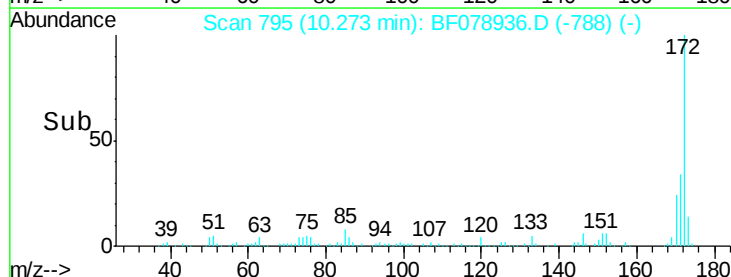


#44
 2-Fluorobiphenyl
 Concen: 40.33 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	23.5	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: 2.58 ng

RT: 10.78 min Scan# 839

Delta R.T. -0.03 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-5

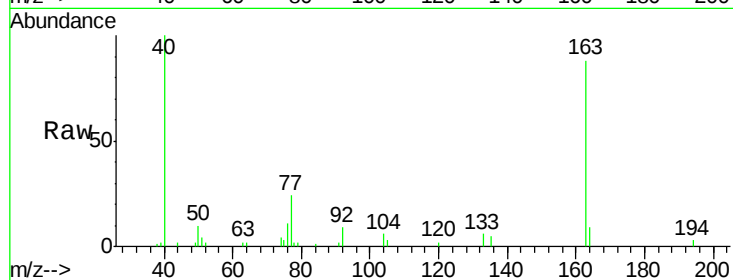
Tot Ion:163 Resp: 22152

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

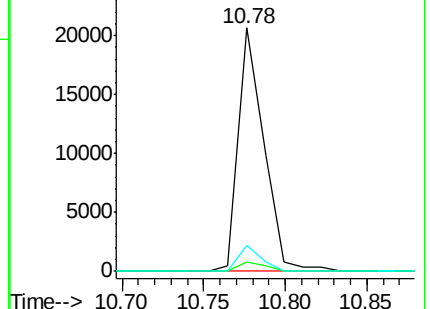
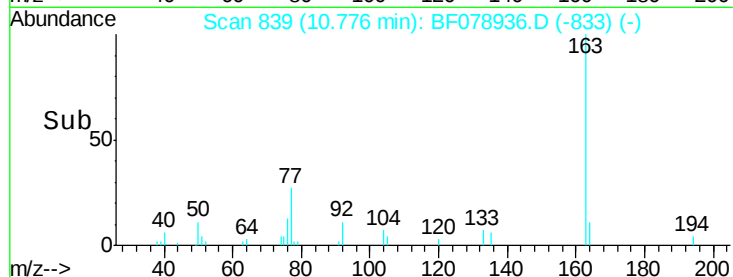
164 10.5 8.1 12.1



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: BF078936.D

Acq: 5 May 2015 12:02

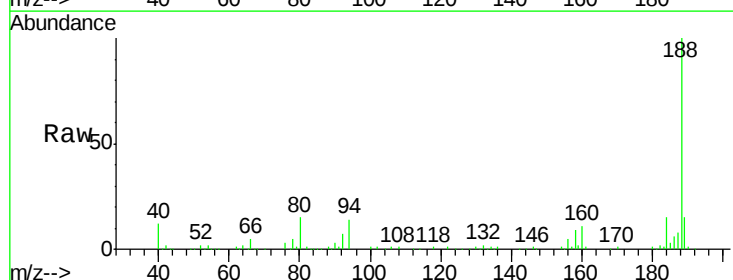
Tgt Ion:188 Resp: 227440

Ion Ratio Lower Upper

188 100

94 14.2 8.2 12.2#

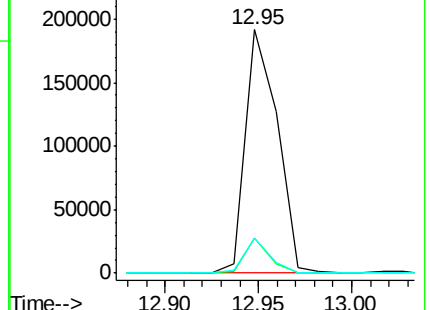
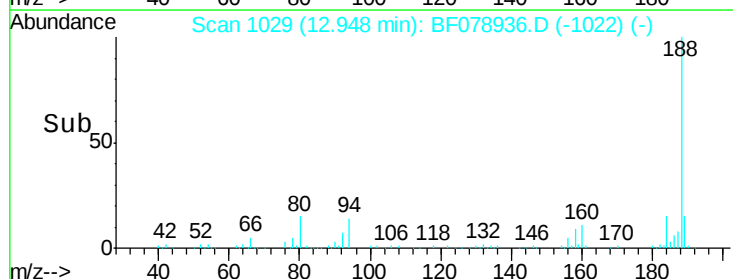
80 14.6 8.9 13.3#

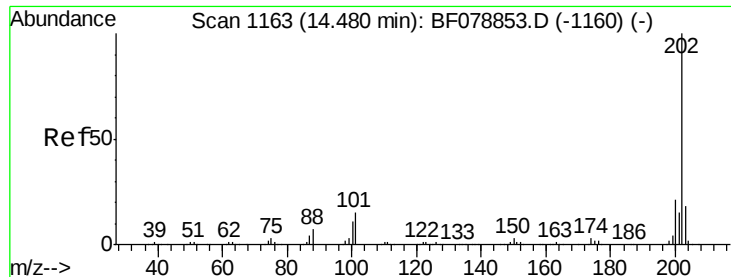


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

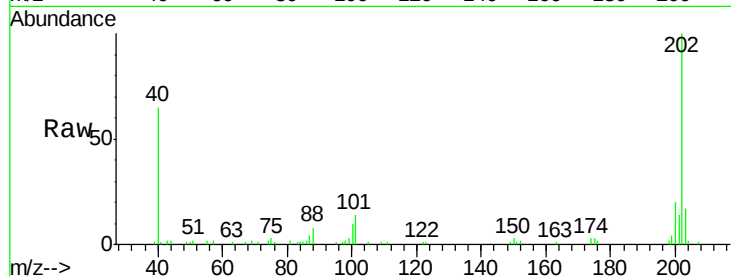




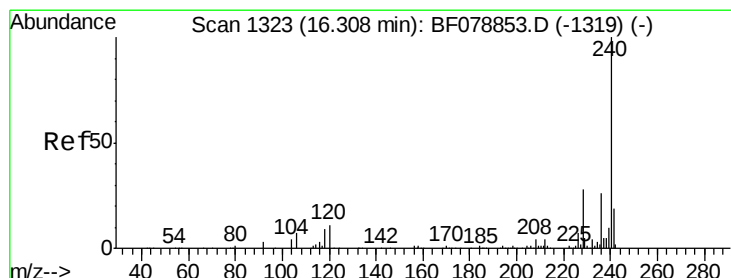
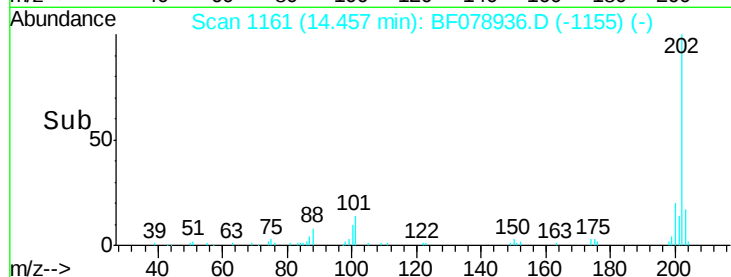
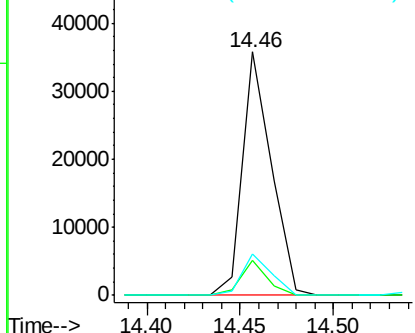
#74
 Fluoranthene
 Concen: 2.90 ng
 RT: 14.46 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 DUMBO-EP-5

Tot Ion:202 Resp: 38472
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 34.6
 203 16.8 0.0 38.4

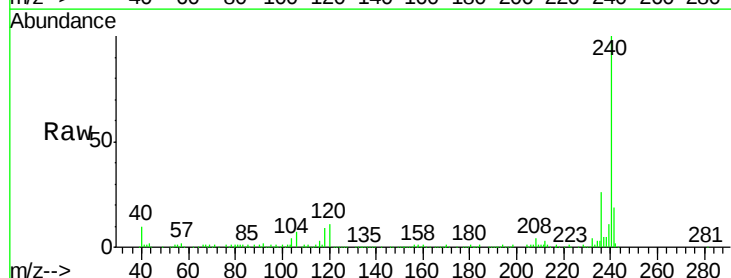


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

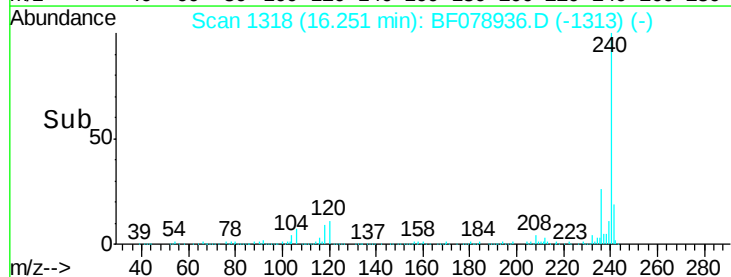
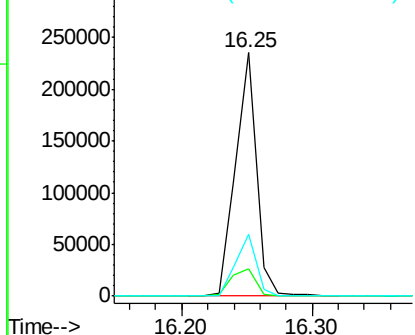


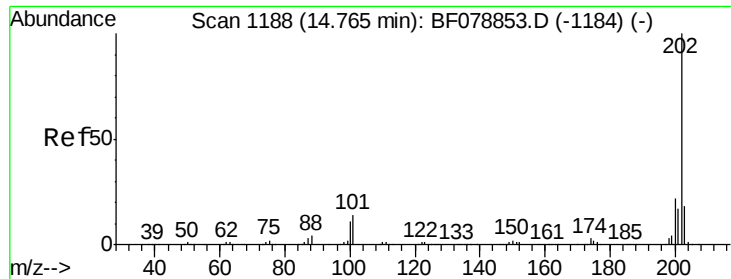
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.05 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

Tgt Ion:240 Resp: 262118
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.7 14.5
 236 25.5 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: 2.44 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

Instrument :

BNA_F

ClientSampleId :

DUMBO-EP-5

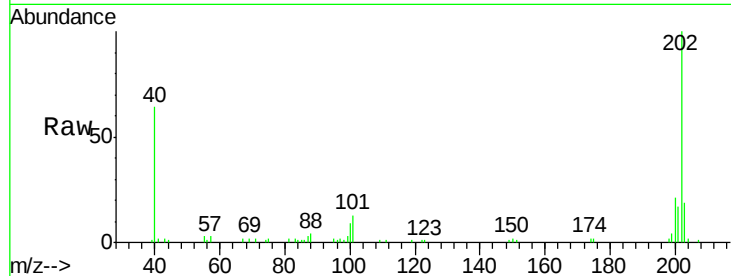
Tot Ion:202 Resp: 36810

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

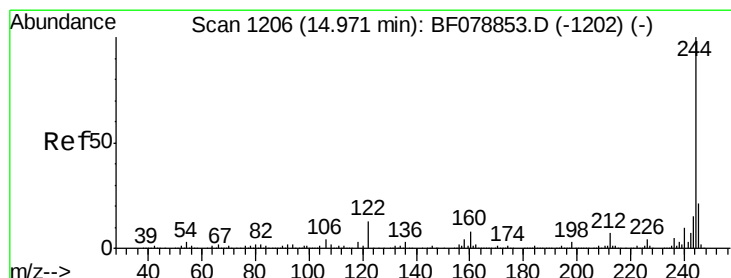
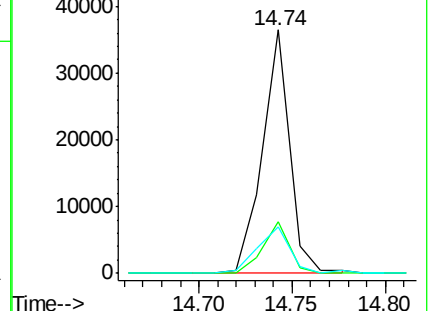
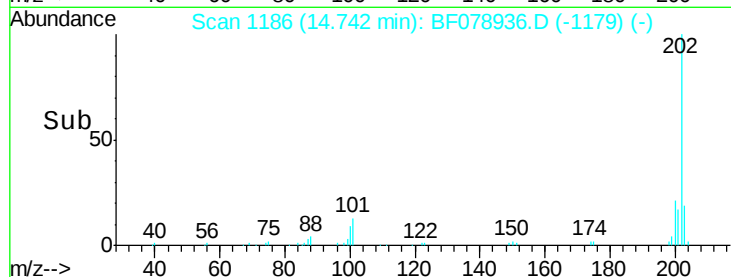
203 19.3 13.9 20.9



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: 48.15 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

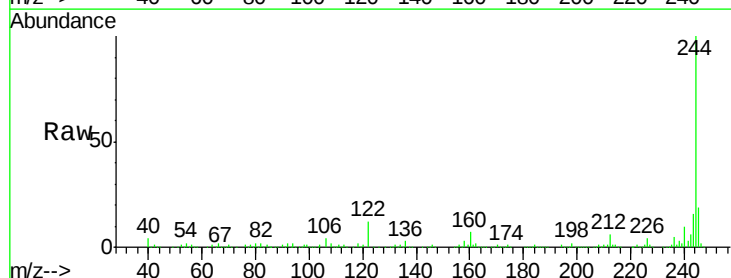
Tgt Ion:244 Resp: 527183

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

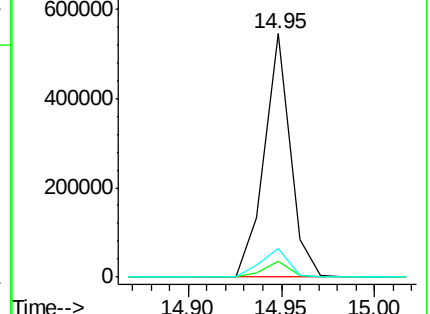
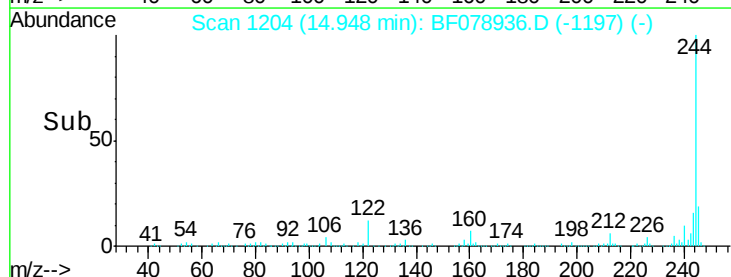
122 11.6 10.3 15.5

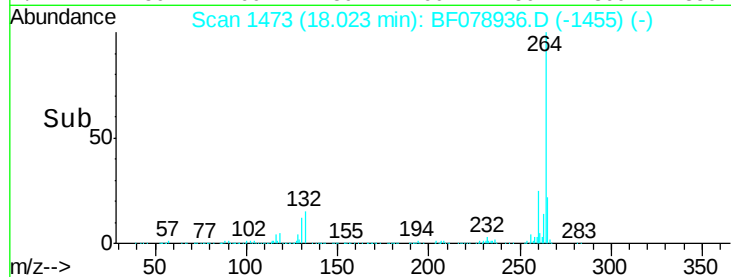
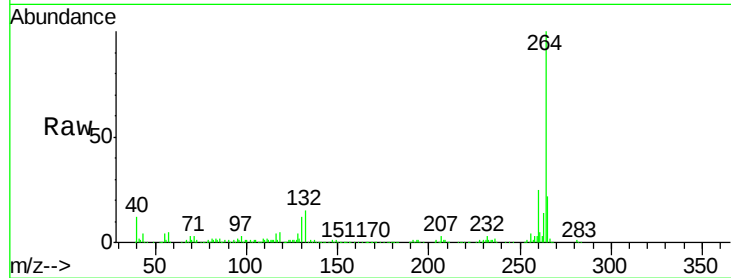
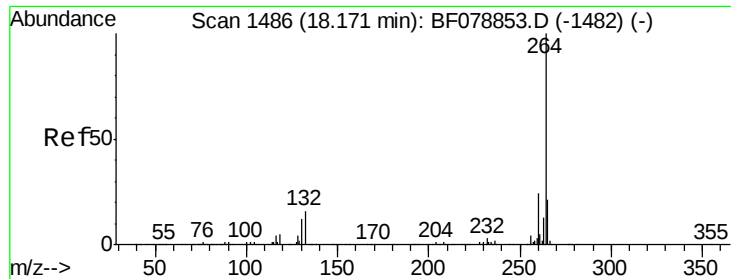


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.02 min Scan# 1473
Delta R.T. -0.09 min
Lab File: BF078936.D
Acq: 5 May 2015 12:02

Instrument :
BNA_F
ClientSampleId :
DUMBO-EP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.6	18.3	27.5

