

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
 Data File : BF089696.D
 Acq On : 9 Aug 2016 19:27
 Operator : UM/SJ
 Sample : H4365-02 25X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Aug 10 02:00:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

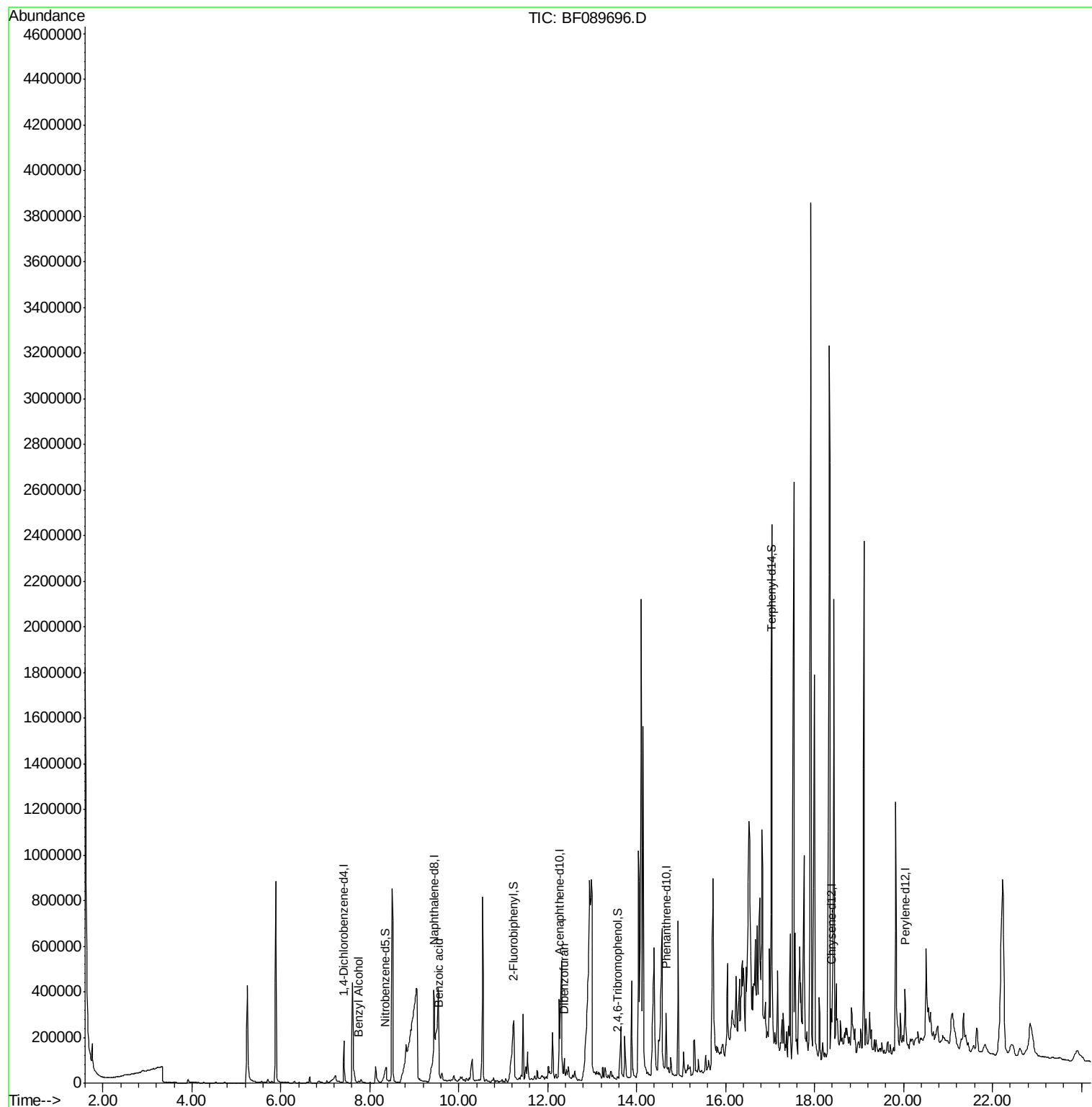
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	46755	20.00	ng	-0.03
21) Naphthalene-d8	9.44	136	196252	20.00	ng	-0.03
38) Acenaphthene-d10	12.26	164	92574	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	157853	20.00	ng	-0.03
75) Chrysene-d12	18.38	240	95696	20.00	ng	-0.01
86) Perylene-d12	20.03	264	102544	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1498	0.54	ng	0.14
7) Phenol-d6	7.04	99	1498	0.40	ng	0.06
23) Nitrobenzene-d5	8.34	82	10003	2.82	ng	-0.02
41) 2,4,6-Tribromophenol	13.57	330	1595	2.09	ng	-0.02
44) 2-Fluorobiphenyl	11.22	172	22514	3.16	ng	-0.03
78) Terphenyl-d14	17.03	244	12890	2.66	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.75	79	7402	2.98	ng	# 85
32) Benzoic acid	9.55	122	91362	52.30	ng	# 68
54) Dibenzofuran	12.38	168	31292	3.82	ng	# 57

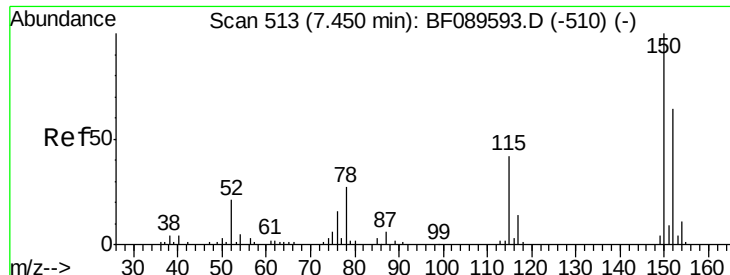
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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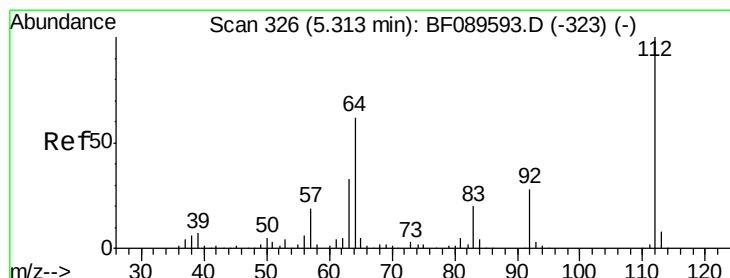
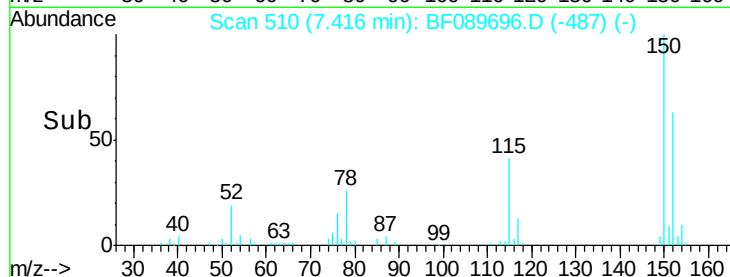
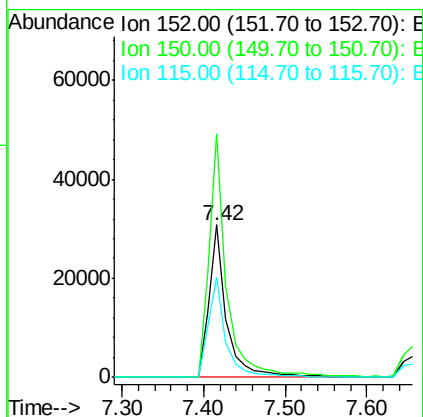
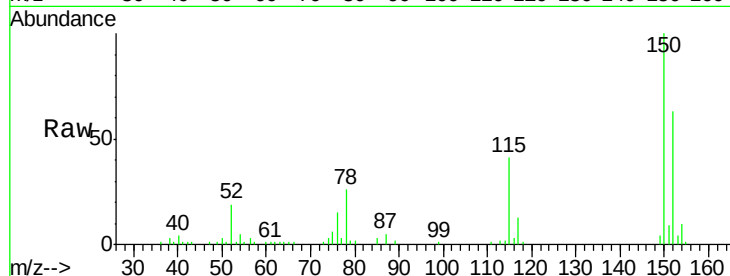


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF089696.D
 Acq: 9 Aug 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

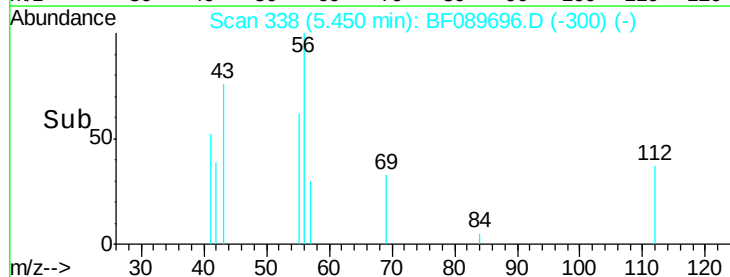
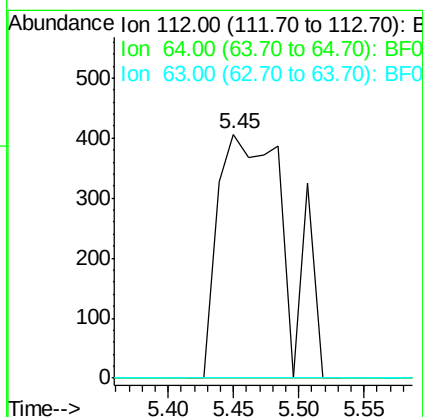
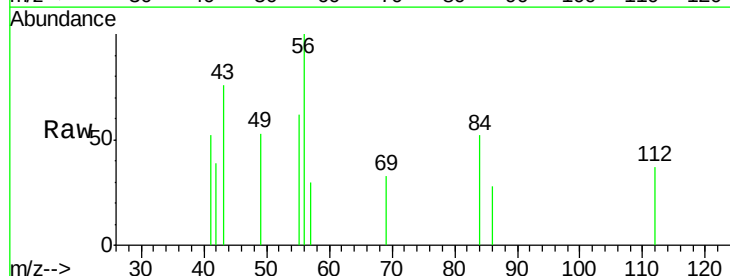
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.5	188.3
115	65.8	52.0	78.0

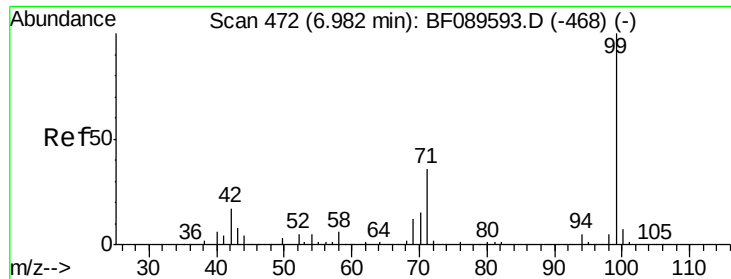


#5

2-Fluorophenol
 Concen: 0.54 ng
 RT: 5.45 min Scan# 338
 Delta R.T. 0.14 min
 Lab File: BF089696.D
 Acq: 9 Aug 2016 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	49.9	74.9#
63	0.0	26.1	39.1#





#7

Phenol-d6

Concen: 0.40 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.06 min

Lab File: BF089696.D

Acq: 9 Aug 2016 19:27

Instrument :

BNA_F

ClientSampleId :

EFF-WW

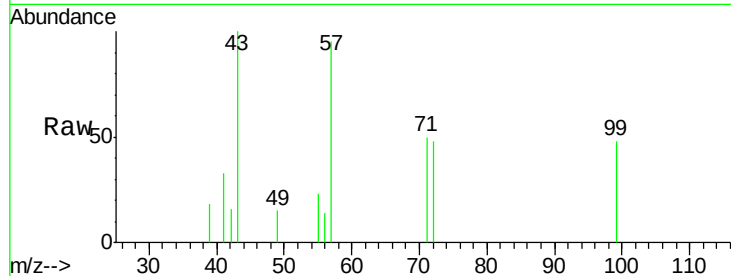
Tot Ion: 99 Resp: 1498

Ion Ratio Lower Upper

99 100

42 34.0 13.7 20.5#

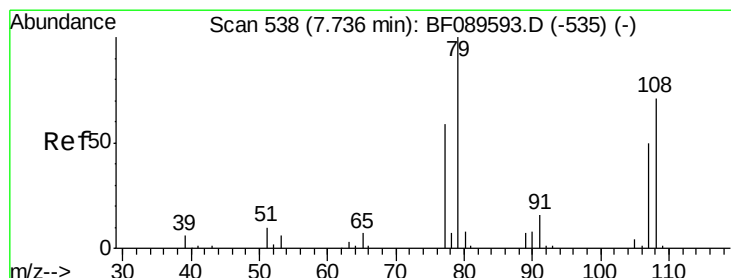
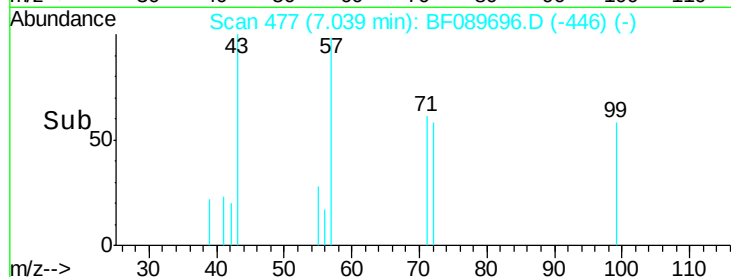
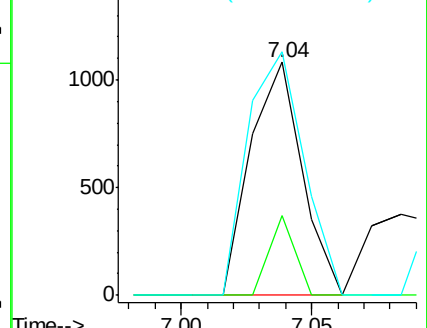
71 104.6 29.0 43.4#



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



#15

Benzyl Alcohol

Concen: 2.98 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF089696.D

Acq: 9 Aug 2016 19:27

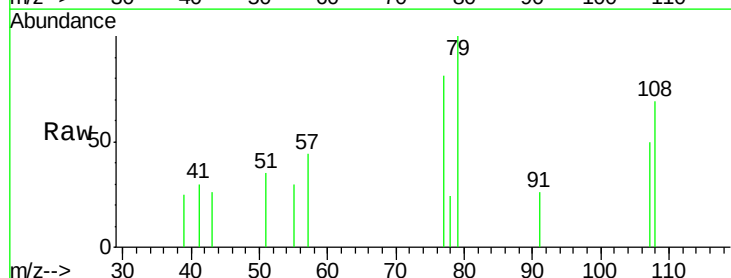
Tgt Ion: 79 Resp: 7402

Ion Ratio Lower Upper

79 100

108 68.6 58.3 87.5

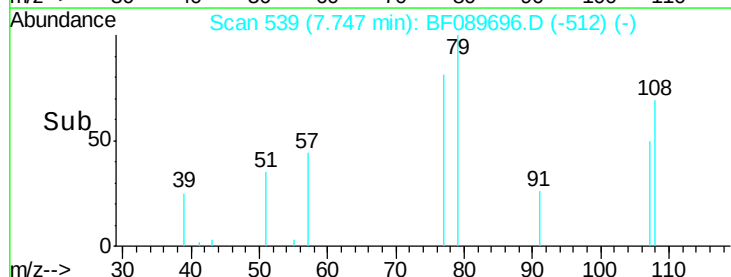
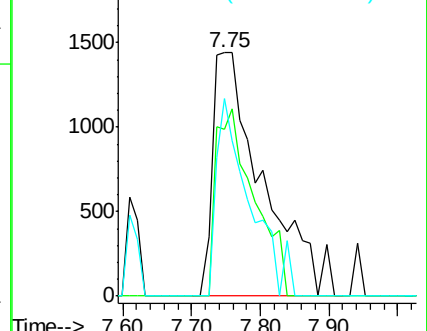
77 81.0 48.7 73.1#

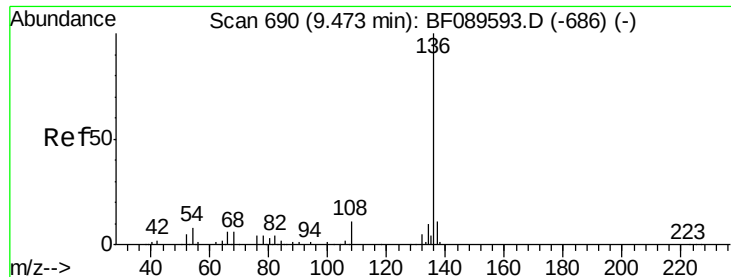


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF089696.D

Acq: 9 Aug 2016 19:27

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tot Ion:136 Resp: 196252

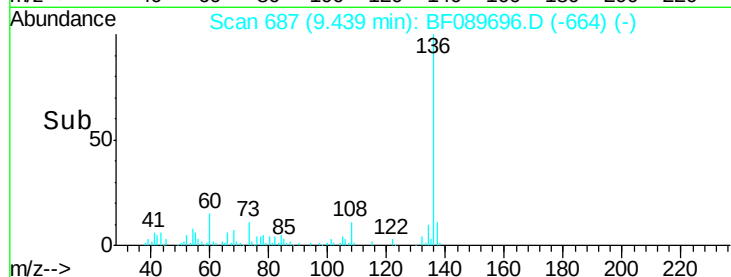
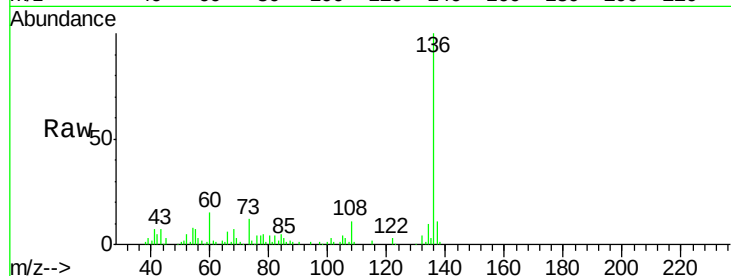
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 8.4 6.0 9.0

68 6.9 4.6 6.8#

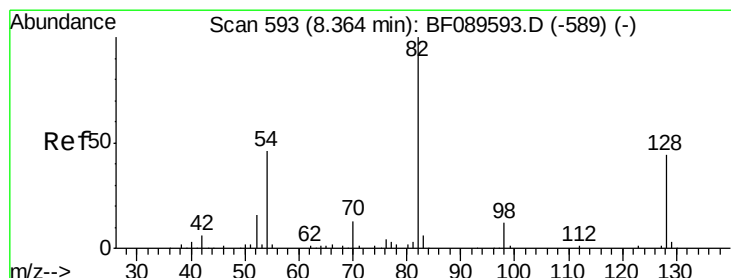
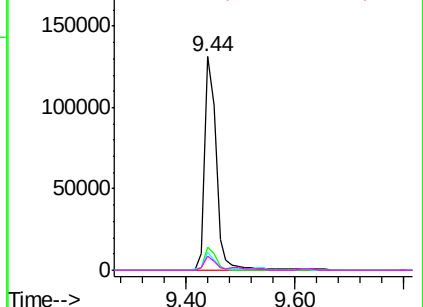


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.82 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.02 min

Lab File: BF089696.D

Acq: 9 Aug 2016 19:27

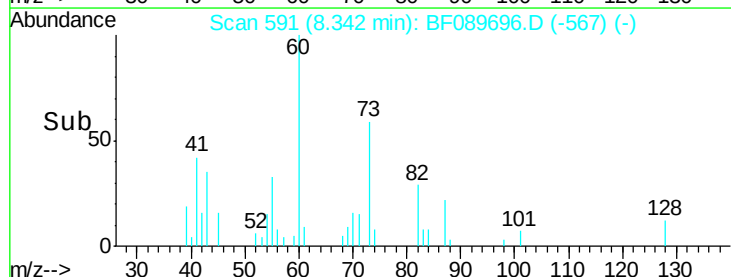
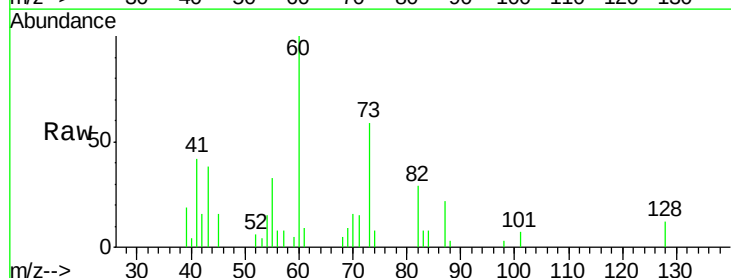
Tgt Ion: 82 Resp: 10003

Ion Ratio Lower Upper

82 100

128 41.4 35.4 53.0

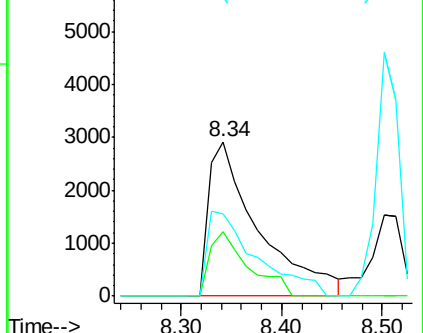
54 52.9 36.4 54.6

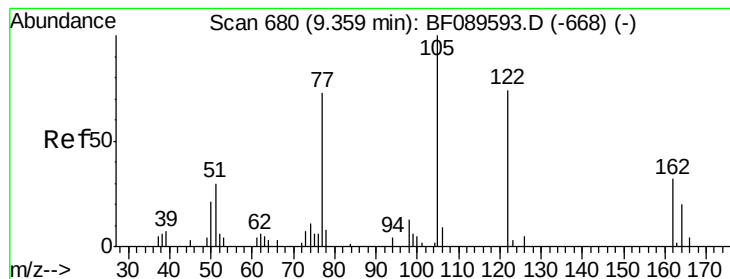


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 52.30 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.19 min

Lab File: BF089696.D

Acq: 9 Aug 2016 19:27

Instrument :

BNA_F

ClientSampleId :

EFF-WW

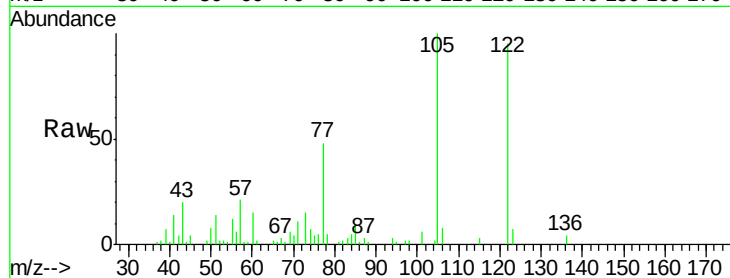
Tot Ion:122 Resp: 91362

Ion Ratio Lower Upper

122 100

105 105.6 109.9 149.9#

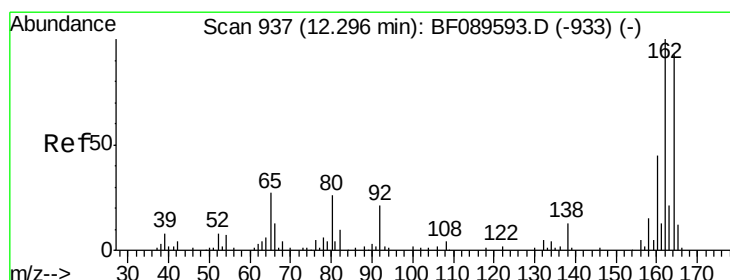
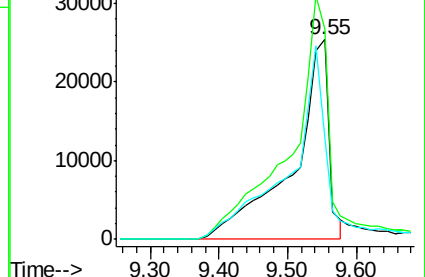
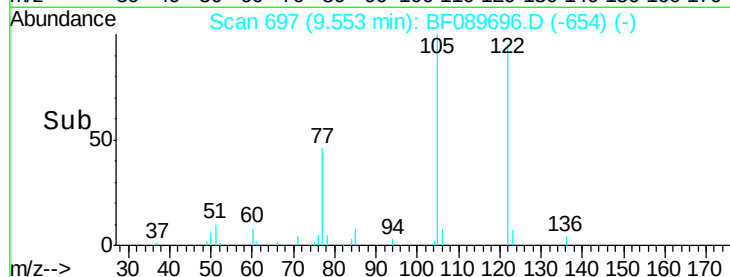
77 50.6 77.5 117.5#



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: 12.26 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF089696.D

Acq: 9 Aug 2016 19:27

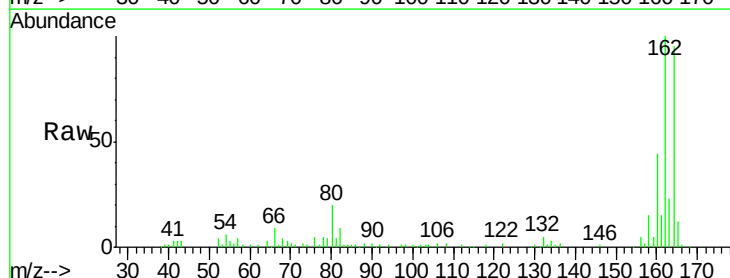
Tgt Ion:164 Resp: 92574

Ion Ratio Lower Upper

164 100

162 104.8 85.7 128.5

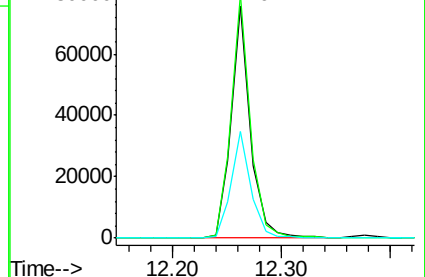
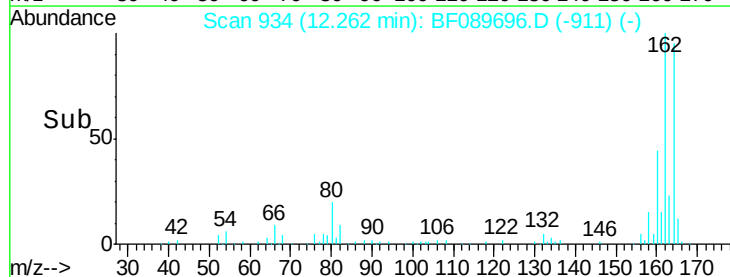
160 46.2 38.2 57.4

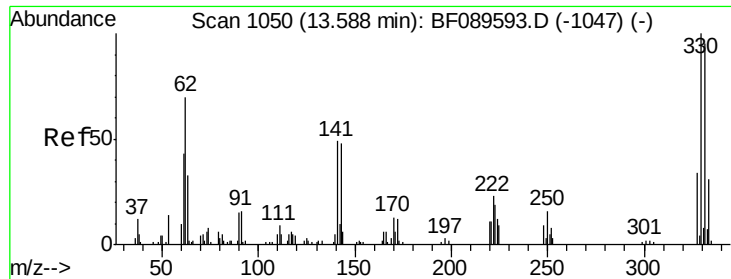


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

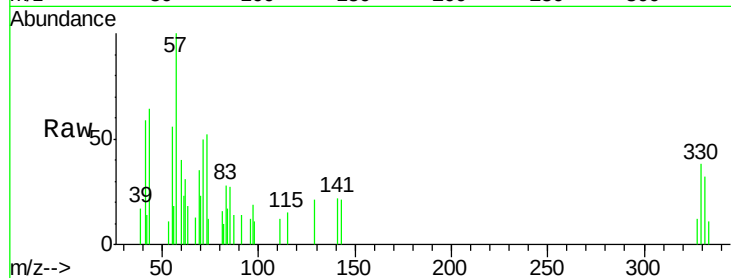




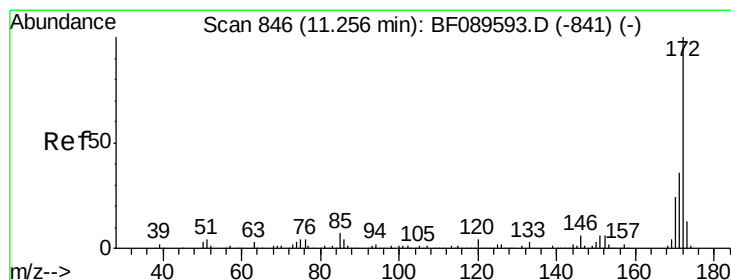
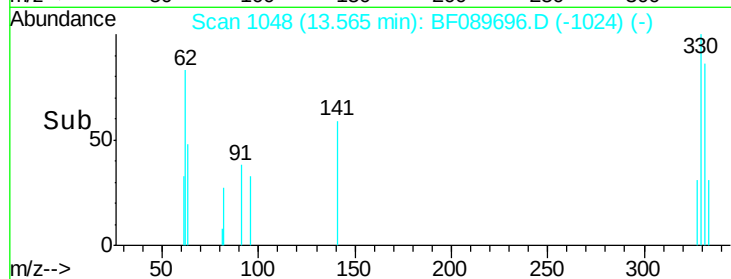
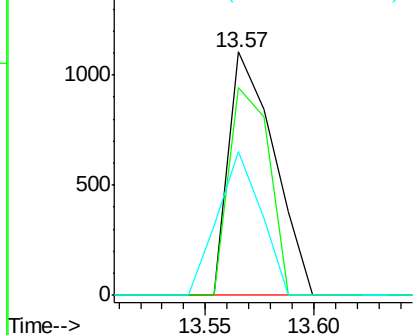
#41
 2,4,6-Tribromophenol
 Concen: 2.09 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089696.D
 Acq: 9 Aug 2016 19:27

Instrument :
 BNA_F
 ClientSampled :
 EFF-WW

Tot Ion:330 Resp: 1595
 Ion Ratio Lower Upper
 330 100
 332 75.4 77.0 115.6#
 141 56.5 38.6 57.8

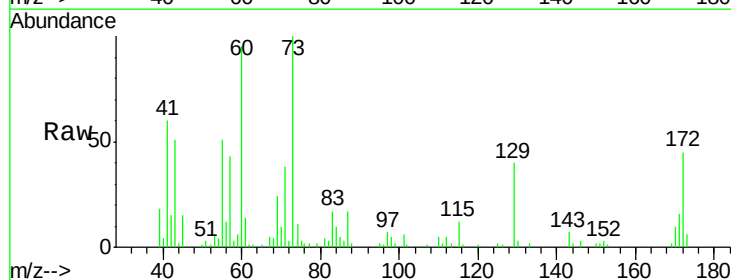


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

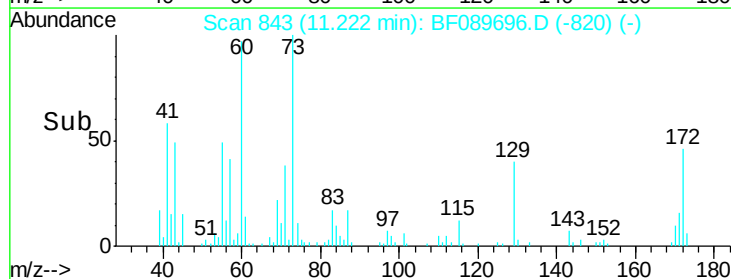
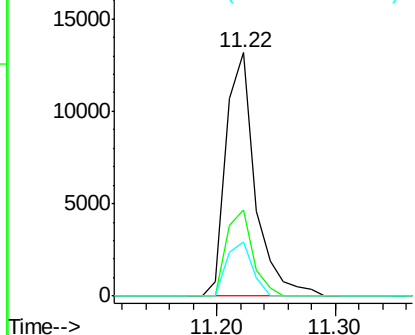


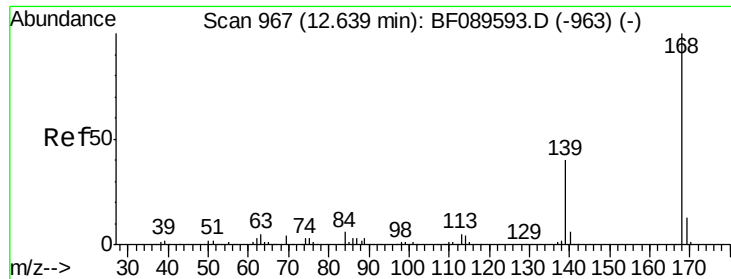
#44
 2-Fluorobiphenyl
 Concen: 3.16 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF089696.D
 Acq: 9 Aug 2016 19:27

Tgt Ion:172 Resp: 22514
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 22.5 19.0 28.6



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

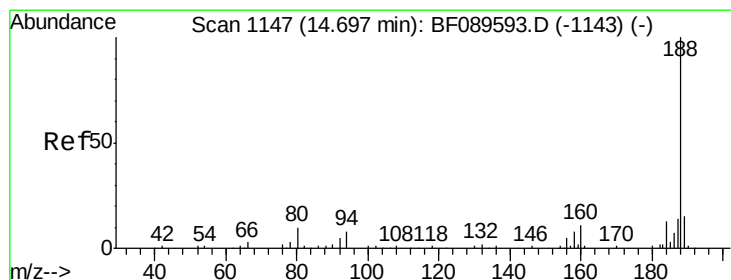
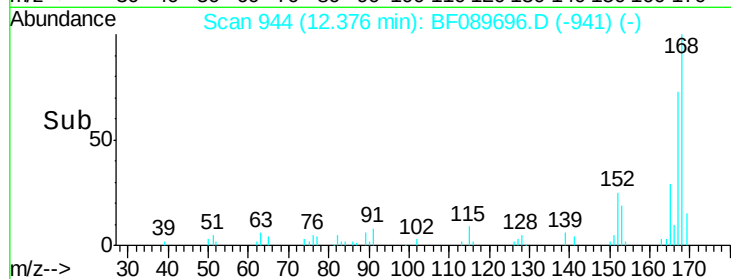
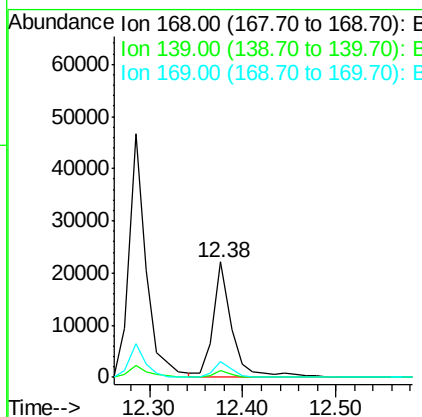
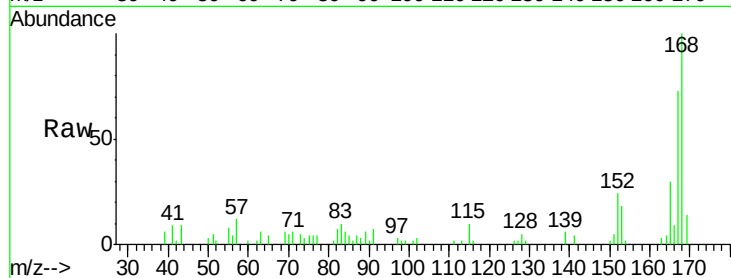




#54
Dibenzenofuran
Concen: 3.82 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.26 min
Lab File: BF089696.D
Acq: 9 Aug 2016 19:27

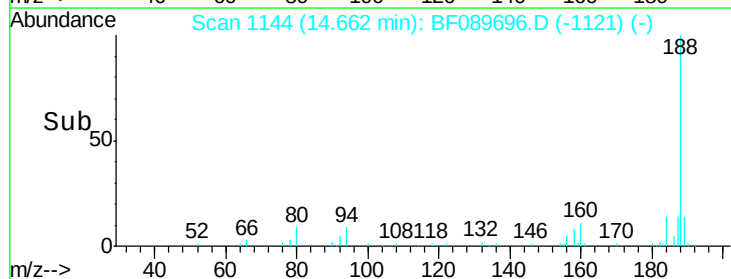
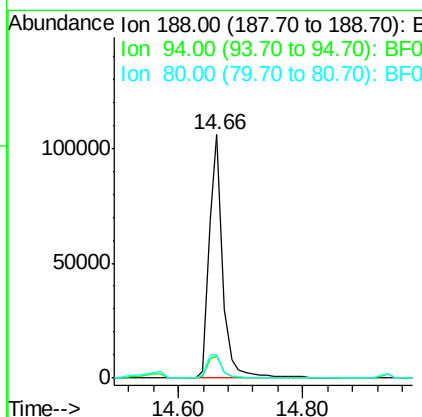
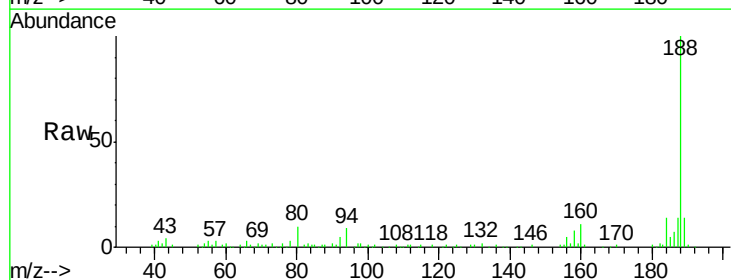
Instrument :
BNA_F
ClientSampleId :
EFF-WW

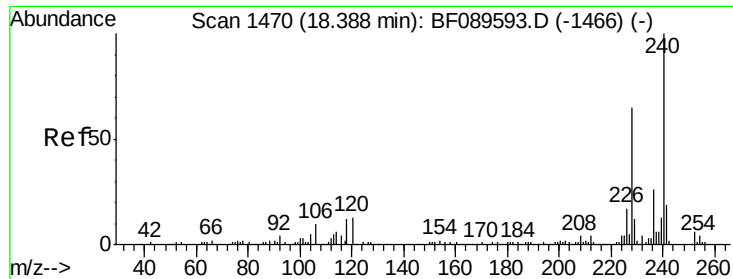
Tot Ion:168 Resp: 31292
Ion Ratio Lower Upper
168 100
139 5.7 32.3 48.5#
169 14.0 10.6 15.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089696.D
Acq: 9 Aug 2016 19:27

Tgt Ion:188 Resp: 157853
Ion Ratio Lower Upper
188 100
94 8.9 6.5 9.7
80 9.5 8.0 12.0

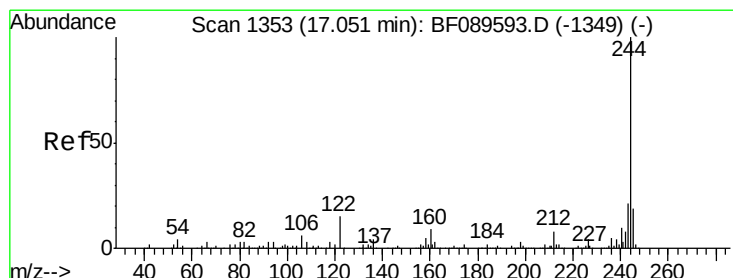
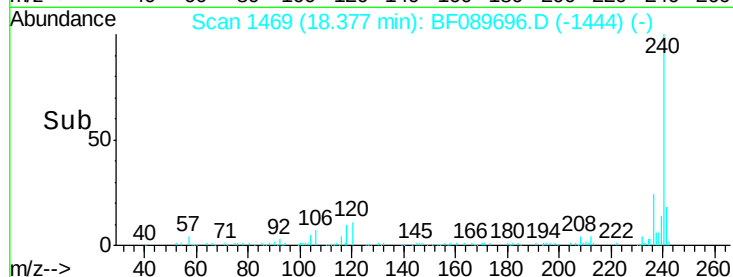
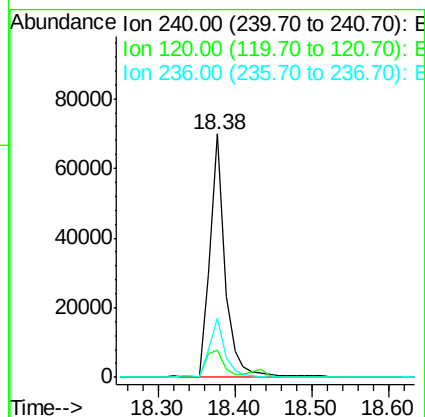
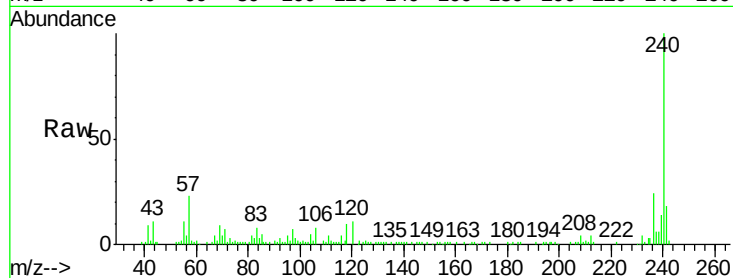




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089696.D
Acq: 9 Aug 2016 19:27

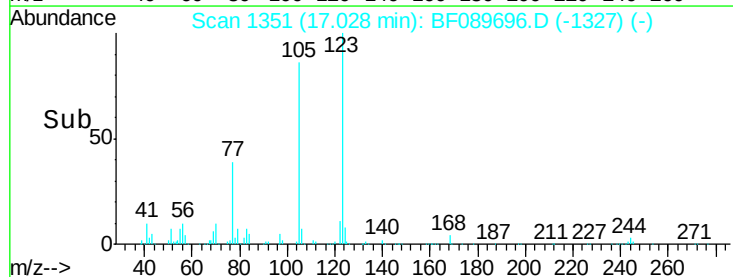
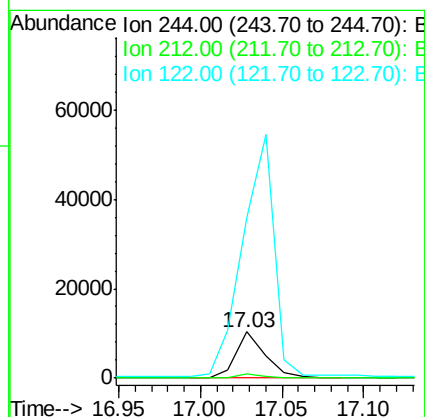
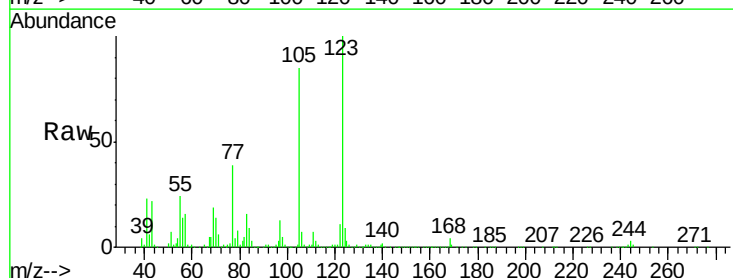
Instrument :
BNA_F
ClientSampleId :
EFF-WW

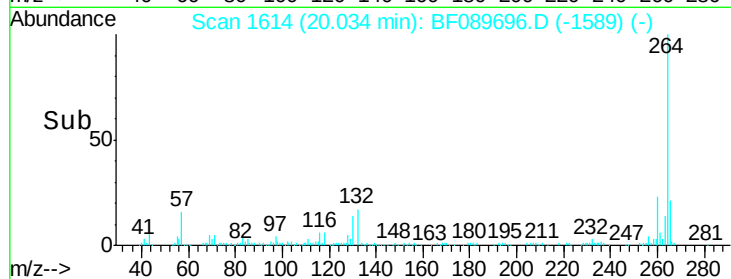
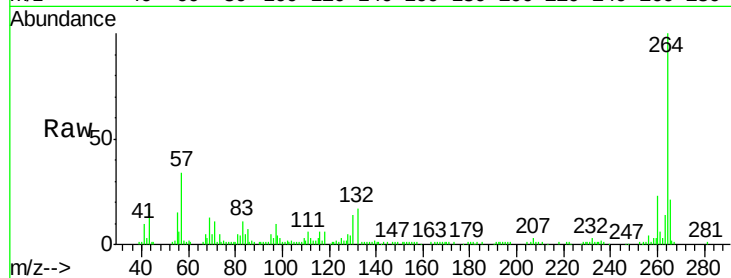
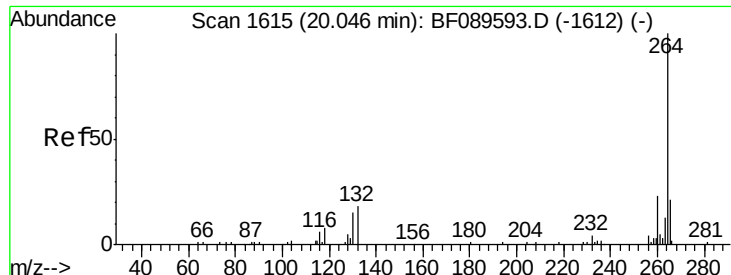
Tot Ion:240 Resp: 95696
Ion Ratio Lower Upper
240 100
120 11.5 10.6 15.8
236 24.3 20.6 30.8



#78
Terphenyl-d14
Concen: 2.66 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF089696.D
Acq: 9 Aug 2016 19:27

Tgt Ion:244 Resp: 12890
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 348.0 12.2 18.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.03 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF089696.D
Acq: 9 Aug 2016 19:27

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.2	16.5	24.7

