

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094281.D
 Acq On : 7 Apr 2017 19:07
 Operator : SJ/MA
 Sample : I2586-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Apr 07 22:59:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

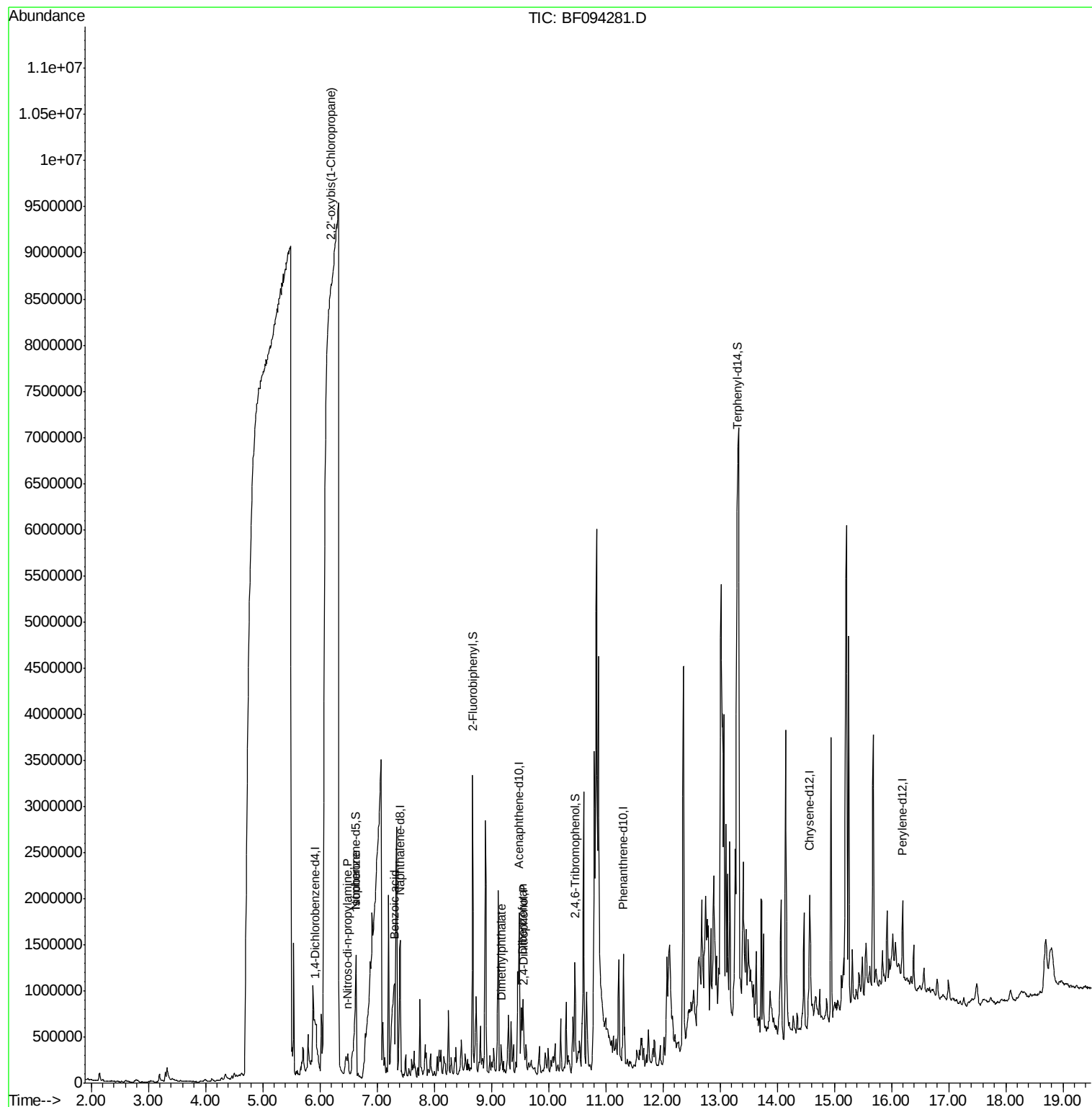
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	67616	20.00	ng	0.06
21) Naphthalene-d8	7.40	136	715555	20.00	ng	0.04
38) Acenaphthene-d10	9.49	164	299180	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	481413	20.00	ng	-0.01
75) Chrysene-d12	14.57	240	420876	20.00	ng	0.00
86) Perylene-d12	16.20	264	293792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	5.54	99	183	0.04	ng	0.08
23) Nitrobenzene-d5	6.64	82	694861	55.42	ng	0.13
41) 2,4,6-Tribromophenol	10.46	330	126253	53.40	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1102460	56.21	ng	-0.01
78) Terphenyl-d14	13.30	244	504331	26.86	ng	0.00
Target Compounds						
16) 2,2'-oxybis(1-Chloropropan	6.20	45	343138	50.56	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	6.49	70	17107	5.37	ng	# 59
25) Isophorone	6.64	82	643399	29.20	ng	# 67
32) Benzoic acid	7.30	122	111071	16.42	ng	98
49) Dimethylphthalate	9.17	163	138633	6.52	ng	97
53) 2,4-Dinitrophenol	9.57	184	284	4.77	ng	# 38
54) Dibenzofuran	9.55	168	98318	3.94	ng	# 59

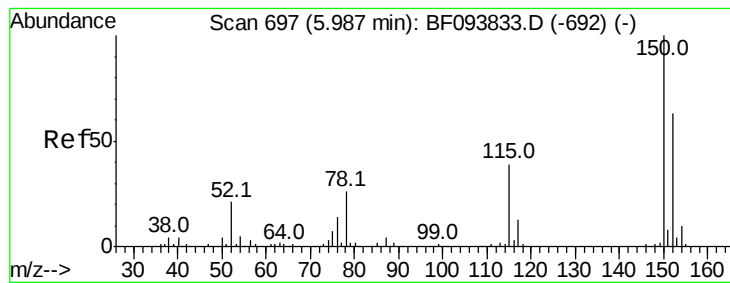
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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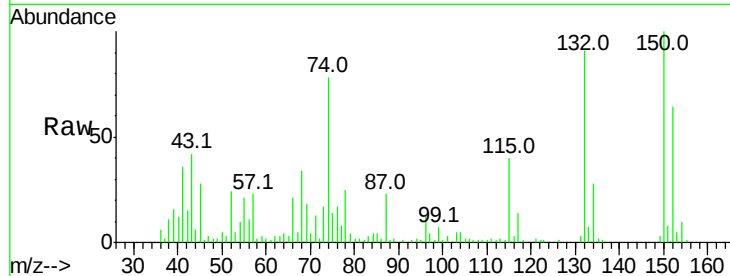


#1

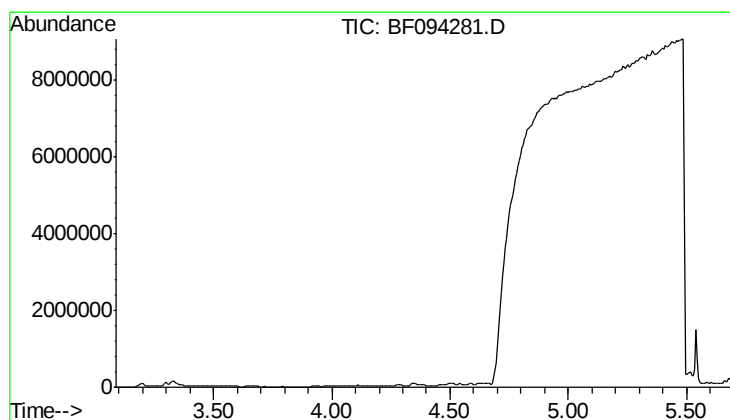
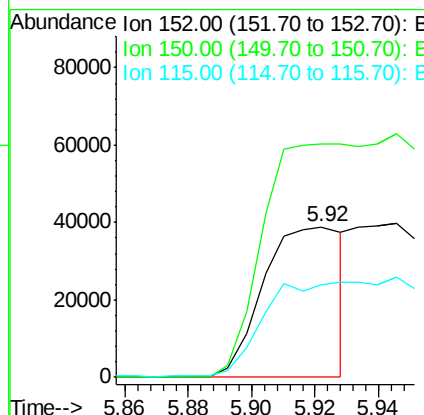
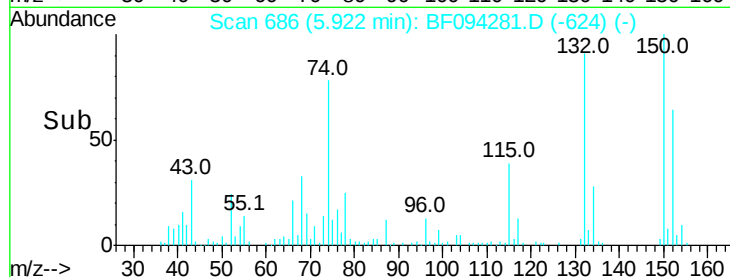
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.92 min Scan# 686
 Delta R.T. 0.06 min
 Lab File: BF094281.D
 Acq: 7 Apr 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tot Ion:152 Resp: 67616
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.2 189.2
 115 61.5 52.2 78.2



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

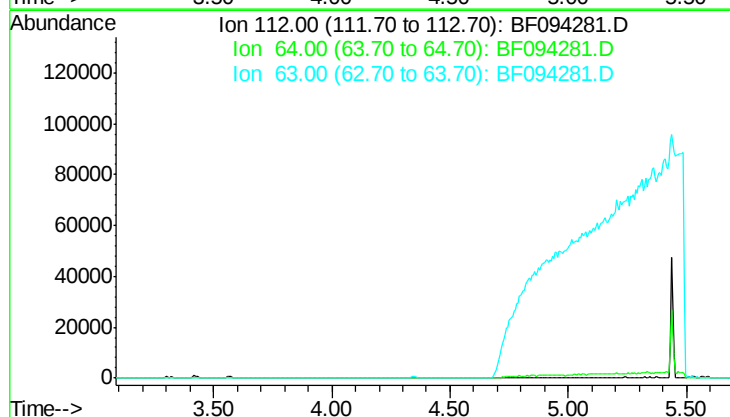


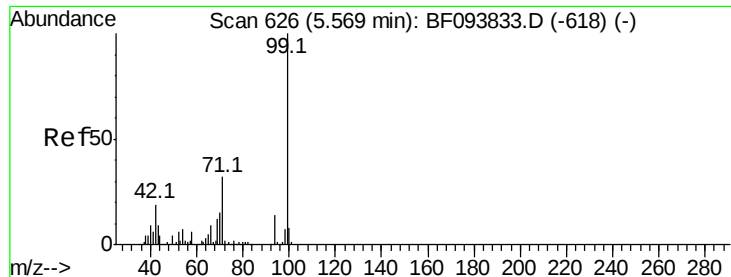
#5

2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 4.39 min

Lab File: BF094281.D
 Acq: 7 Apr 2017 19:07

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.5
 63 29.2





#7

Phenol-d6

Concen: 0.04 ng

RT: 5.54 min Scan# 621

Delta R.T. 0.08 min

Lab File: BF094281.D

Acq: 7 Apr 2017 19:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

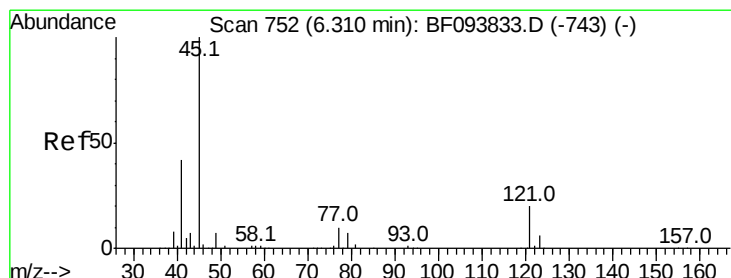
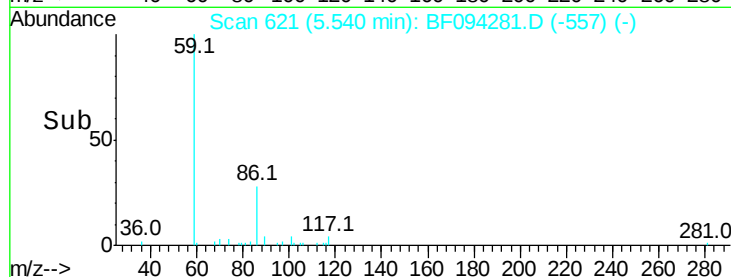
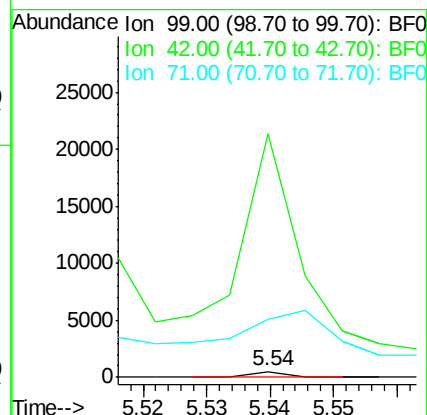
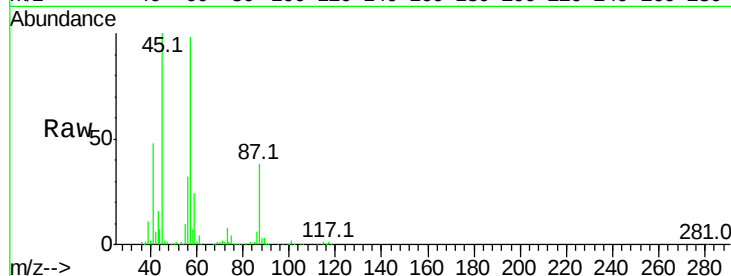
Tot Ion: 99 Resp: 183

Ion Ratio Lower Upper

99 100

42 4114.1 13.5 20.3#

71 983.8 24.5 36.7#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.56 ng

RT: 6.20 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094281.D

Acq: 7 Apr 2017 19:07

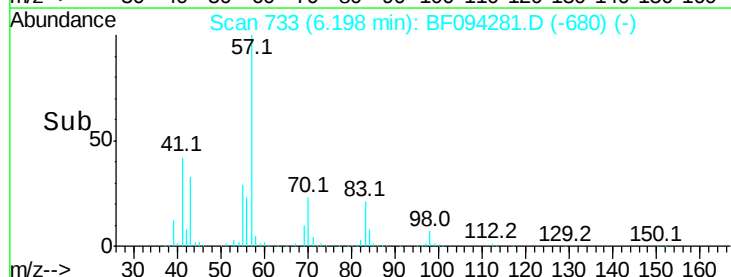
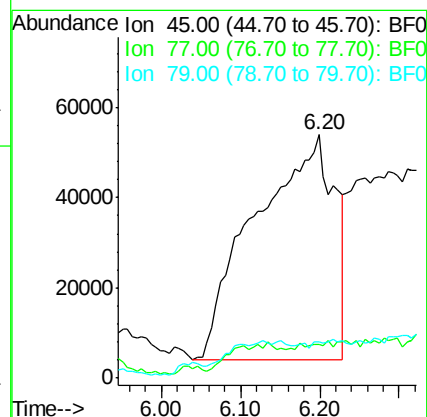
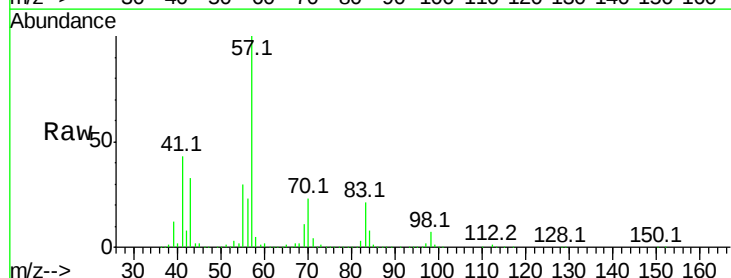
Tgt Ion: 45 Resp: 343138

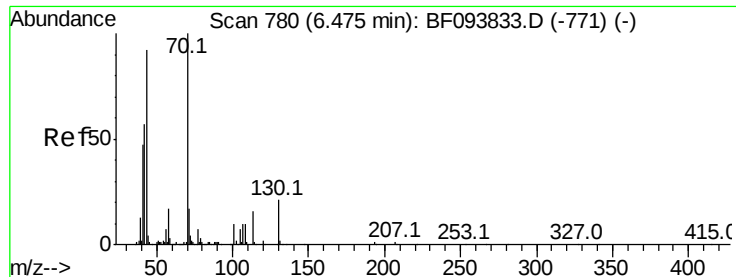
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.2

79 14.8 0.0 30.0





#19

n-Nitroso-di-n-propylamine

Concen: 5.37 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094281.D

Acq: 7 Apr 2017 19:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tot Ion: 70 Resp: 17107

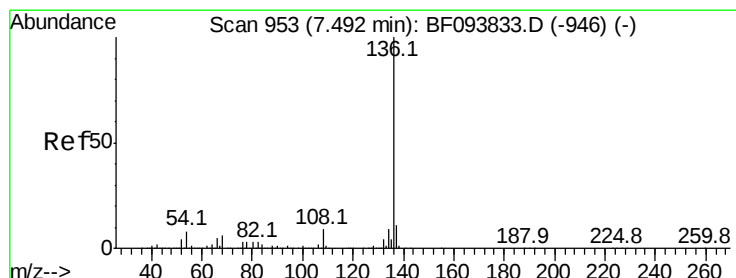
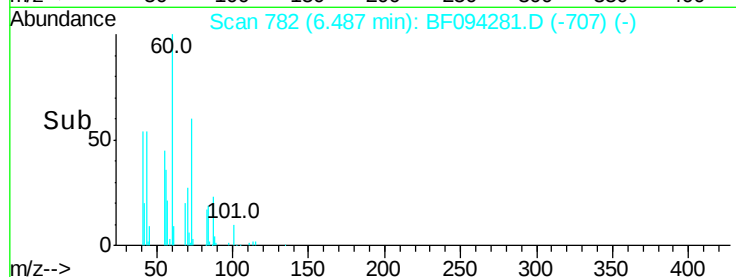
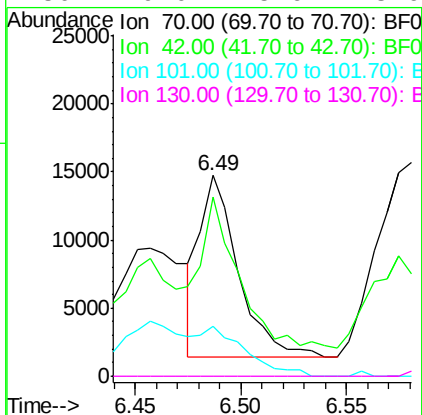
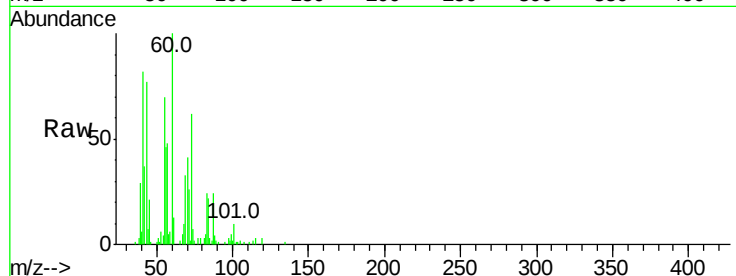
Ion Ratio Lower Upper

70 100

42 88.9 47.2 70.8#

101 24.6 7.2 10.8#

130 0.0 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.40 min Scan# 938

Delta R.T. 0.04 min

Lab File: BF094281.D

Acq: 7 Apr 2017 19:07

Tgt Ion: 136 Resp: 715555

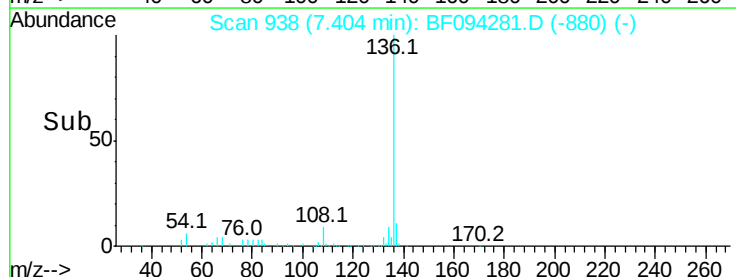
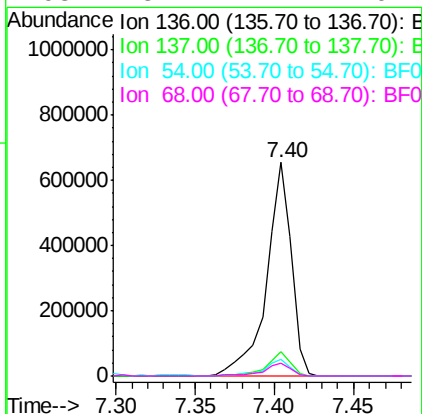
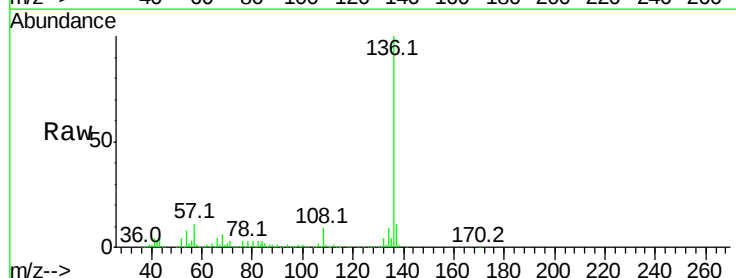
Ion Ratio Lower Upper

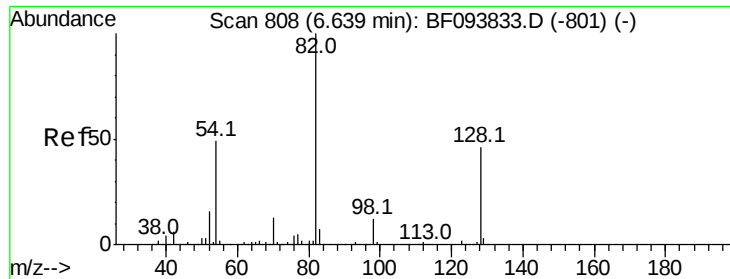
136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 5.7 4.1 6.1

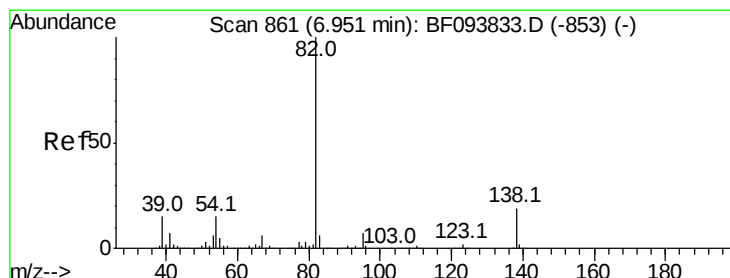
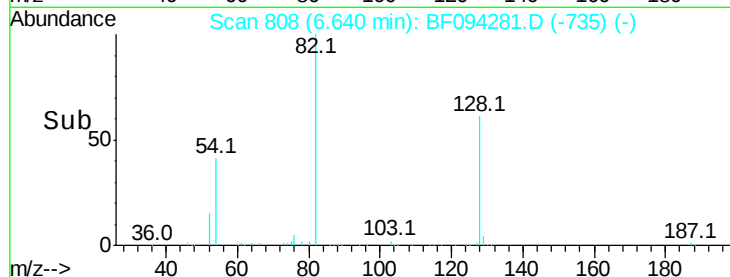
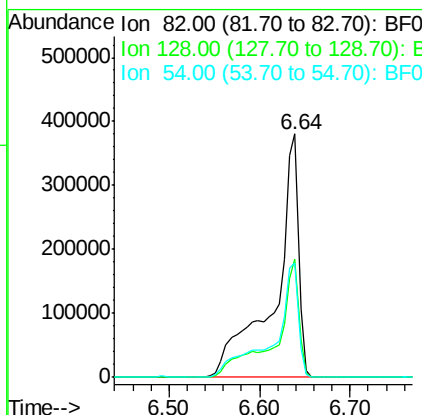
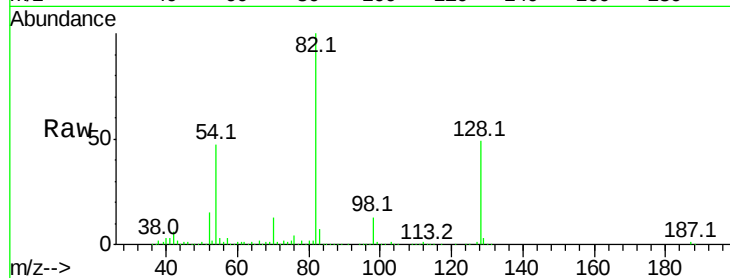




#23
 Nitrobenzene-d5
 Concen: 55.42 ng
 RT: 6.64 min Scan# 808
 Delta R.T. 0.13 min
 Lab File: BF094281.D
 Acq: 7 Apr 2017 19:07

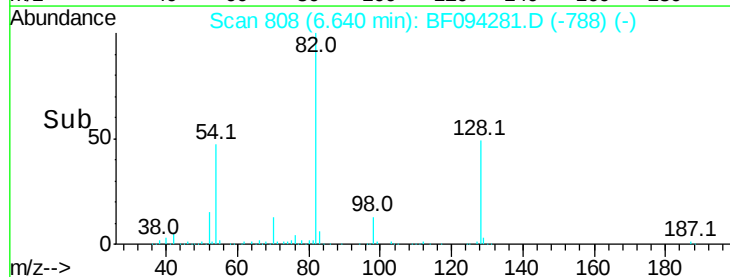
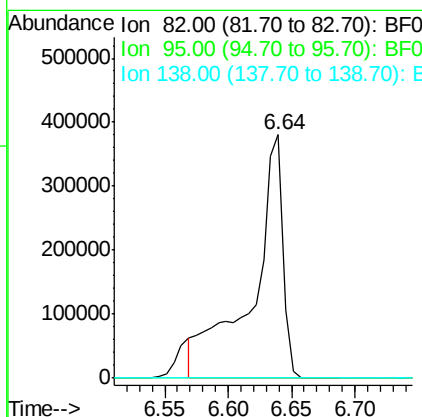
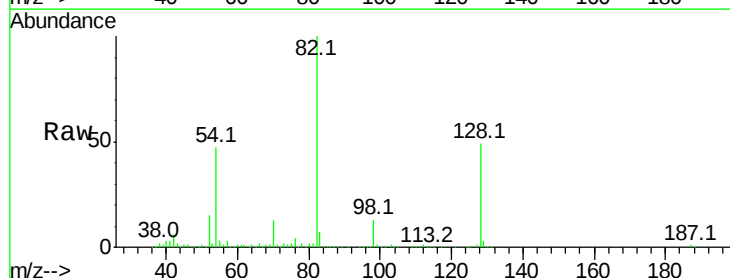
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

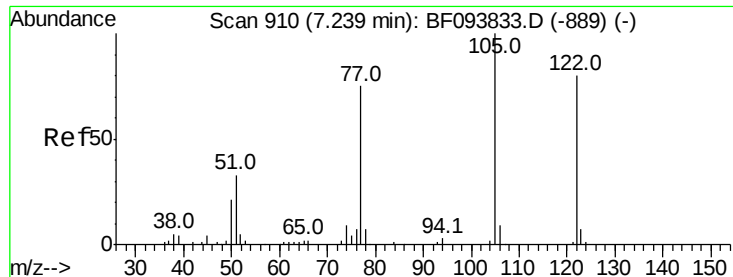
Tot Ion: 82 Resp: 694861
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.0 51.0
 54 47.2 42.2 63.2



#25
 Isophorone
 Concen: 29.20 ng
 RT: 6.64 min Scan# 808
 Delta R.T. -0.18 min
 Lab File: BF094281.D
 Acq: 7 Apr 2017 19:07

Tgt Ion: 82 Resp: 643399
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.3 7.9#
 138 0.0 13.1 19.7#

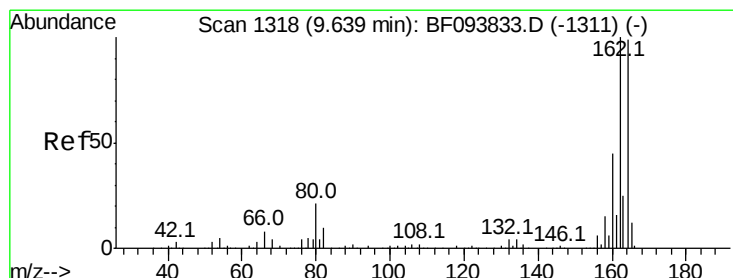
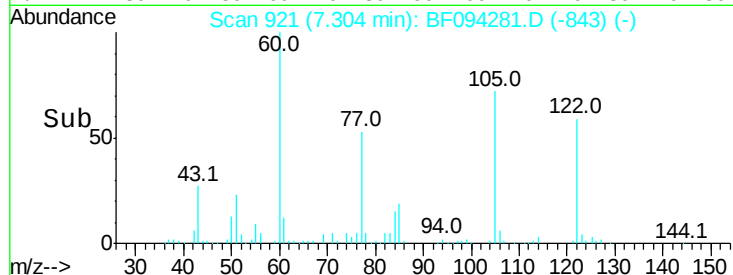
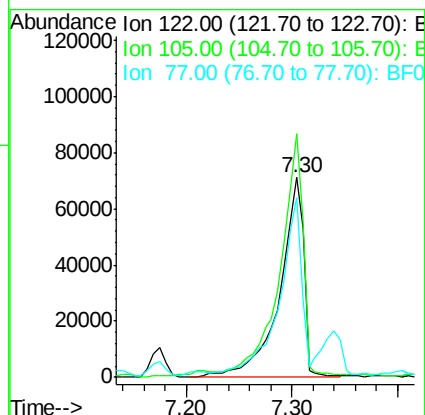
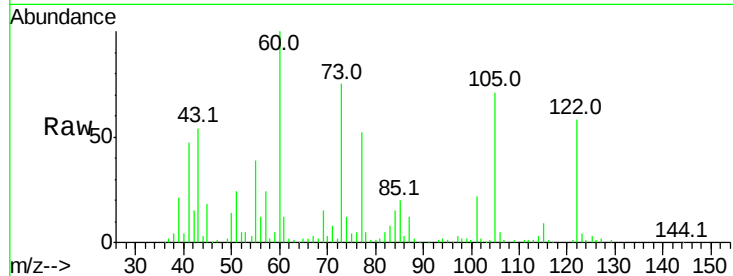




#32
Benzoic acid
Concen: 16.42 ng
RT: 7.30 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF094281.D
Acq: 7 Apr 2017 19:07

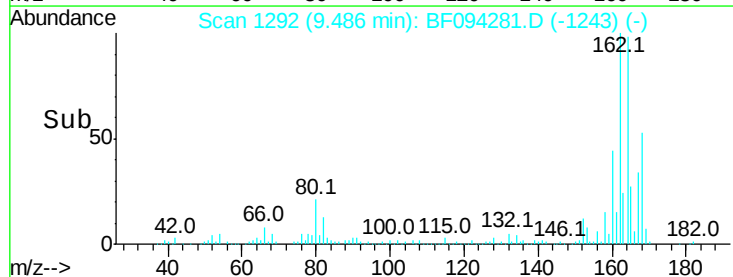
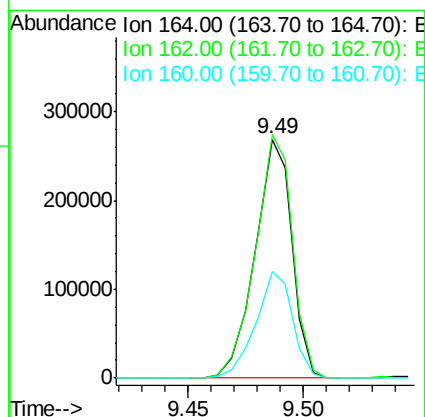
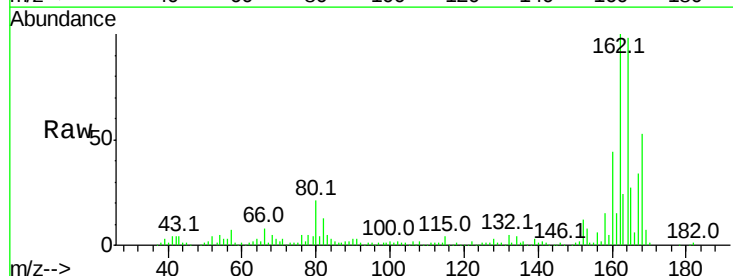
Instrument :
BNA_F
ClientSampleId :
EFF-WW

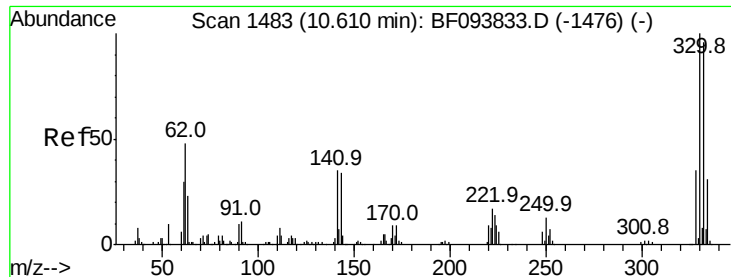
Tot Ion:122 Resp: 111071
Ion Ratio Lower Upper
122 100
105 122.0 103.3 143.3
77 90.1 73.7 113.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF094281.D
Acq: 7 Apr 2017 19:07

Tgt Ion:164 Resp: 299180
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 44.6 36.2 54.2

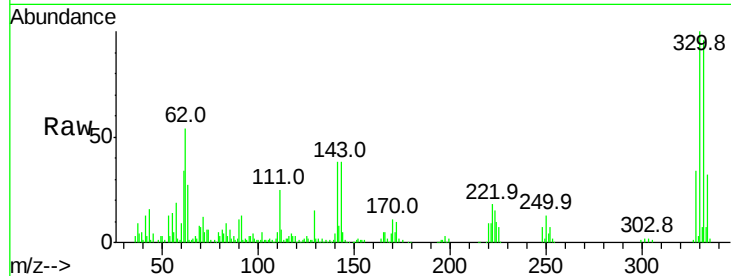




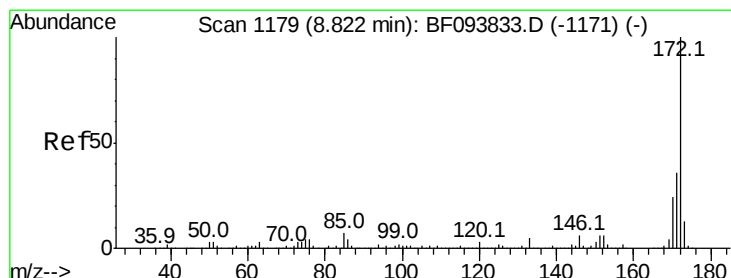
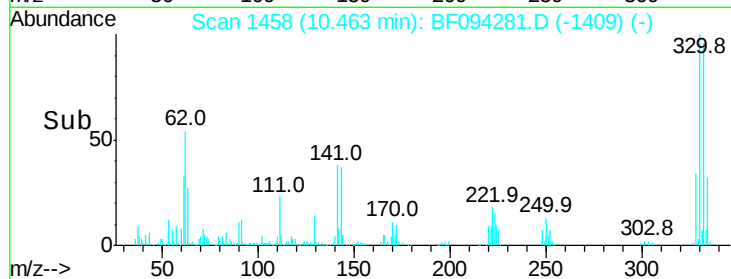
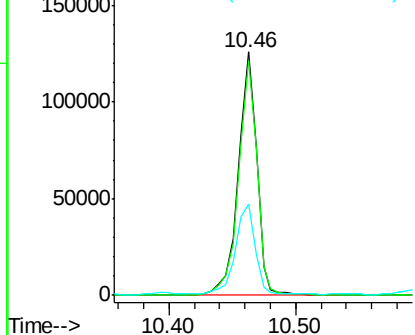
#41
 2,4,6-Tribromophenol
 Concen: 53.40 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094281.D
 Acq: 7 Apr 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	39.8	31.4	47.2

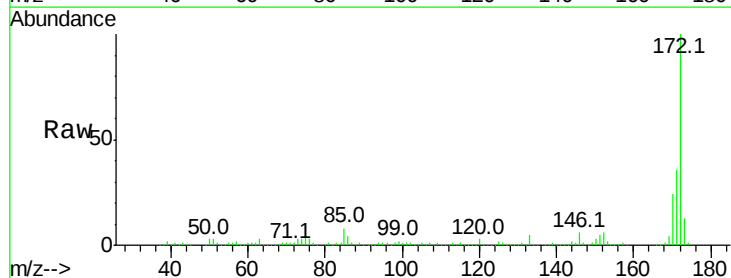


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

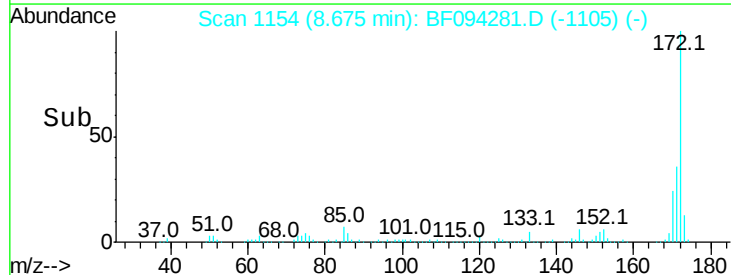
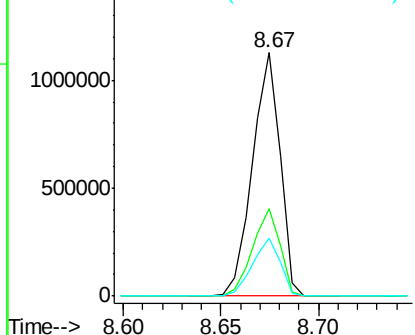


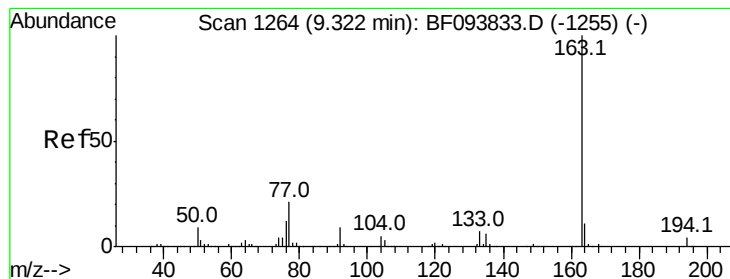
#44
 2-Fluorobiphenyl
 Concen: 56.21 ng
 RT: 8.67 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF094281.D
 Acq: 7 Apr 2017 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	19.8	29.8



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: 6.52 ng

RT: 9.17 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF094281.D

Acq: 7 Apr 2017 19:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

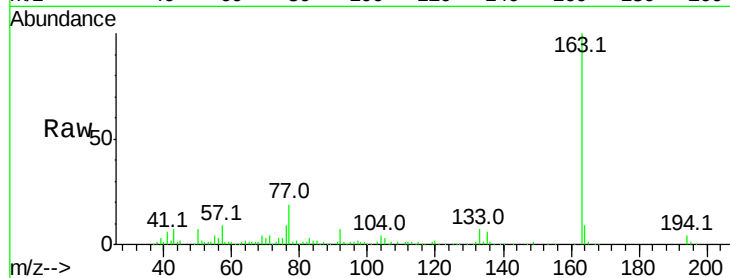
Tot Ion:163 Resp: 138633

Ion Ratio Lower Upper

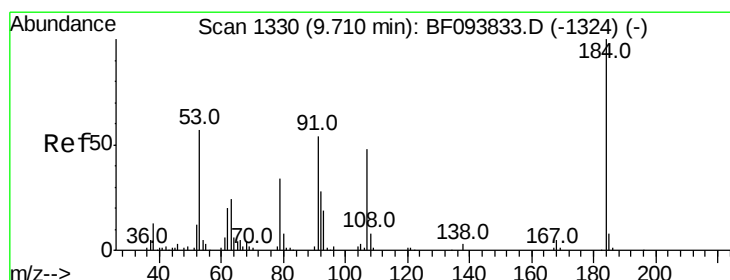
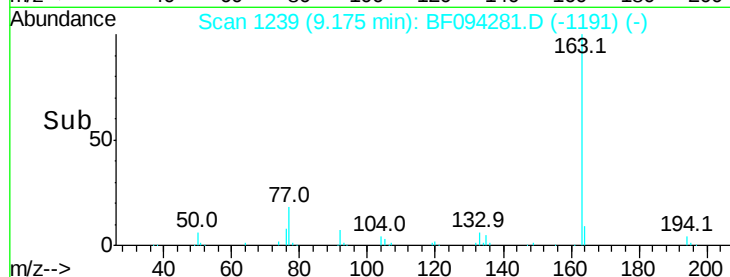
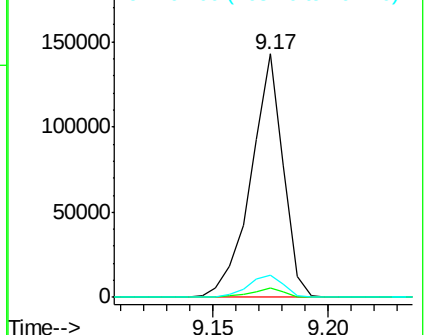
163 100

194 3.6 2.6 4.0

164 9.3 8.4 12.6



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



#53

2,4-Dinitrophenol

Concen: 4.77 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF094281.D

Acq: 7 Apr 2017 19:07

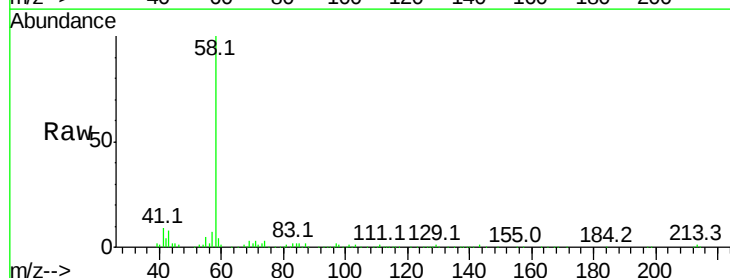
Tgt Ion:184 Resp: 284

Ion Ratio Lower Upper

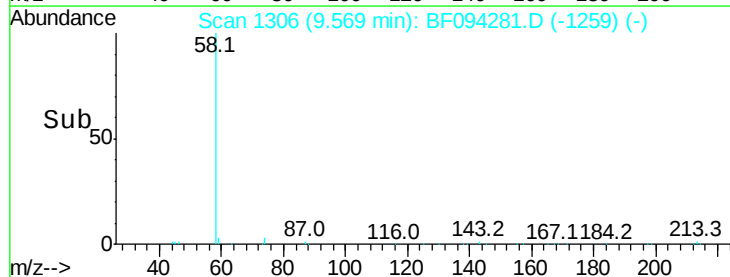
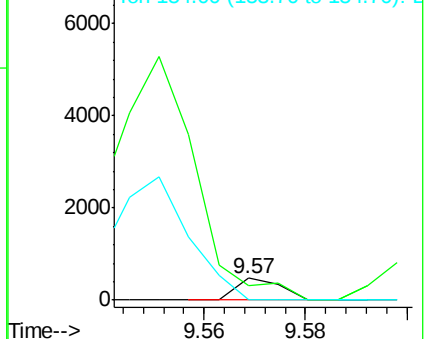
184 100

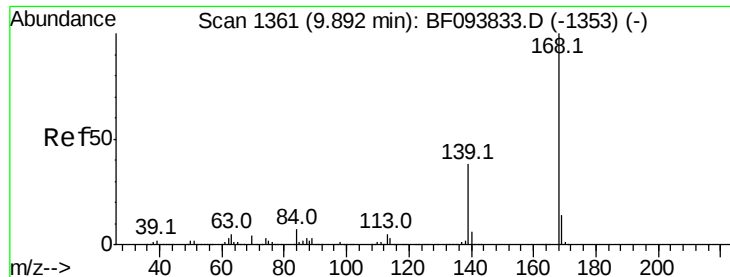
63 68.9 62.7 94.1

154 0.0 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

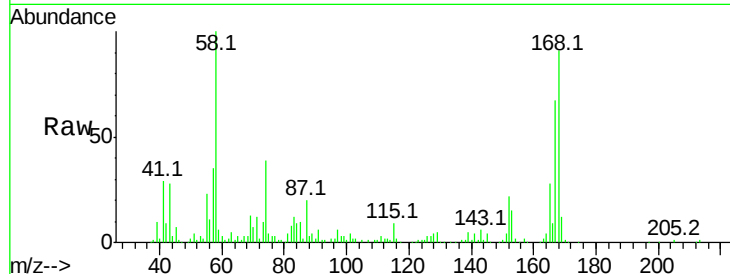




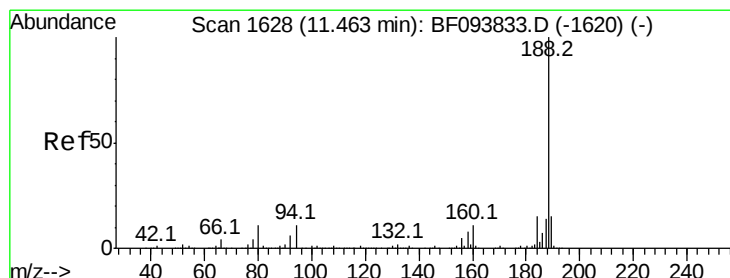
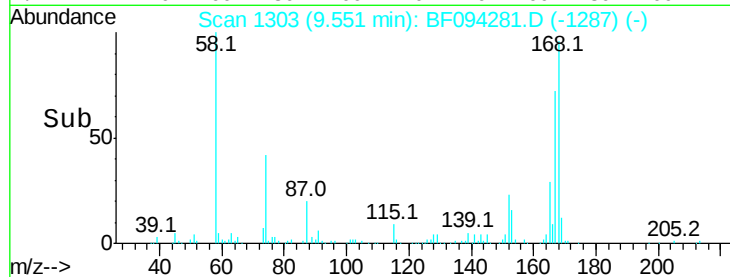
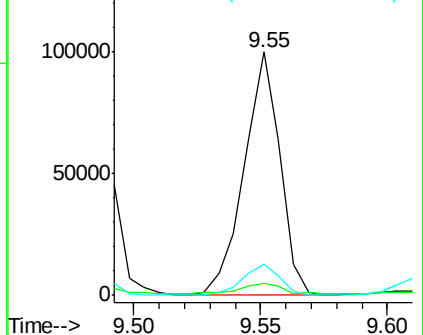
#54
Dibenzofuran
Concen: 3.94 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF094281.D
Acq: 7 Apr 2017 19:07

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:168 Resp: 98318
Ion Ratio Lower Upper
168 100
139 5.0 30.6 45.8#
169 12.7 10.8 16.2

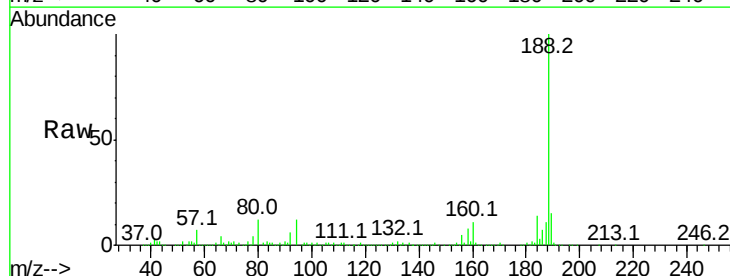


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

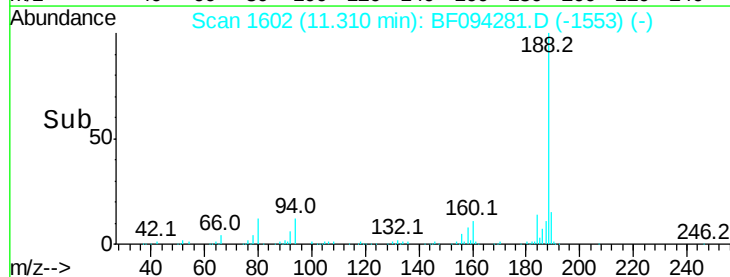
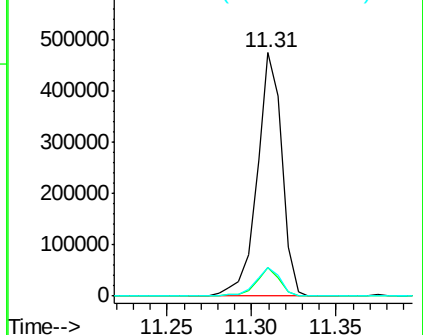


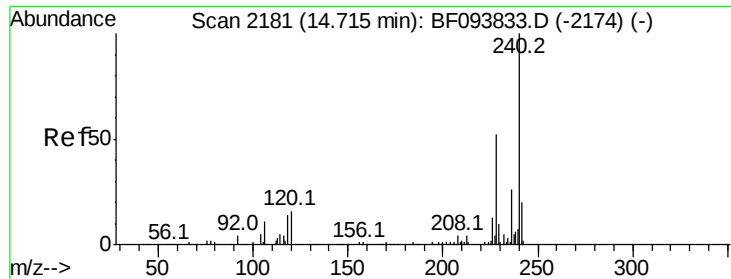
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094281.D
Acq: 7 Apr 2017 19:07

Tgt Ion:188 Resp: 481413
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.8 10.2 15.2



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: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094281.D

Acq: 7 Apr 2017 19:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

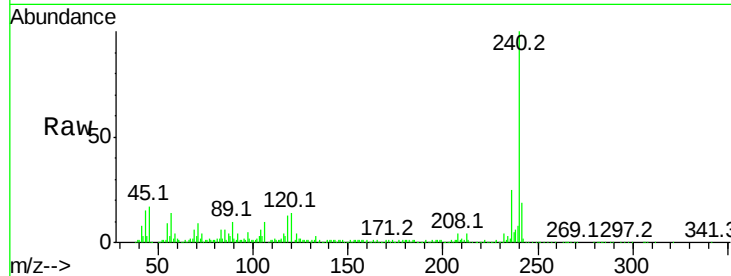
Tot Ion:240 Resp: 420876

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

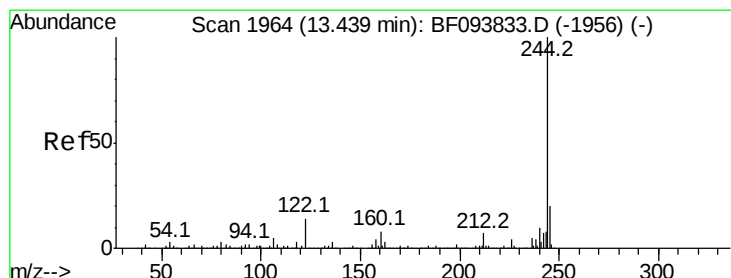
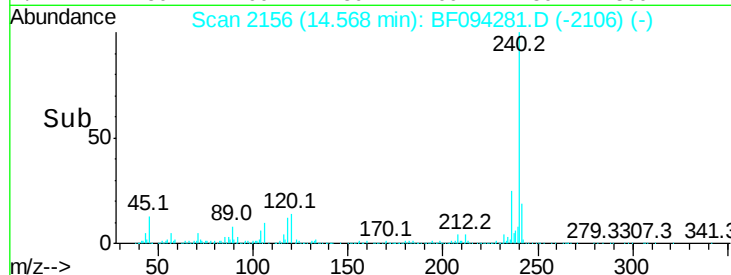
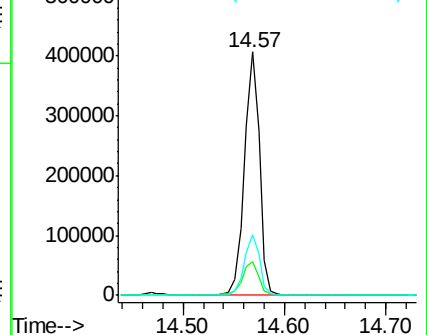
236 25.1 20.5 30.7



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: 26.86 ng

RT: 13.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BF094281.D

Acq: 7 Apr 2017 19:07

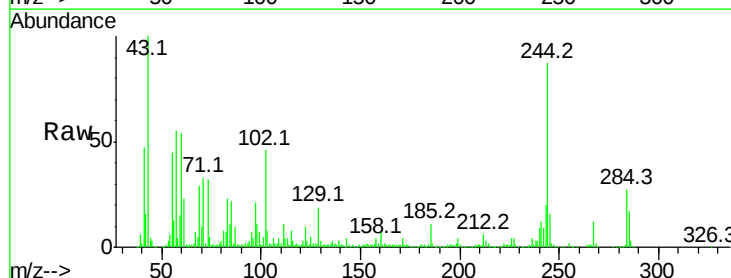
Tgt Ion:244 Resp: 504331

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

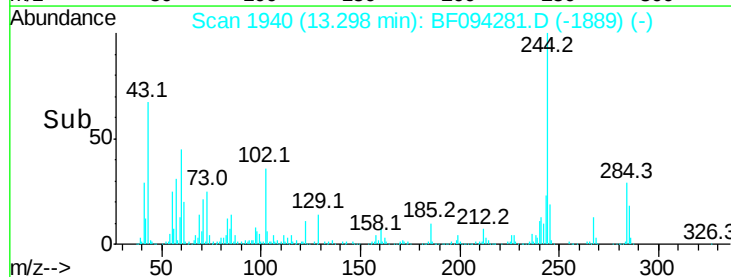
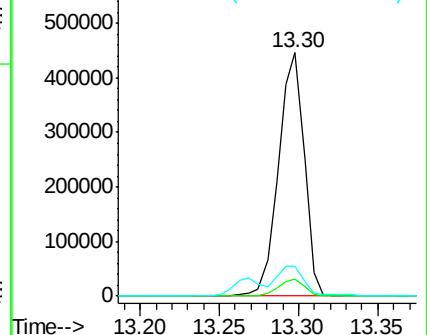
122 12.0 10.3 15.5

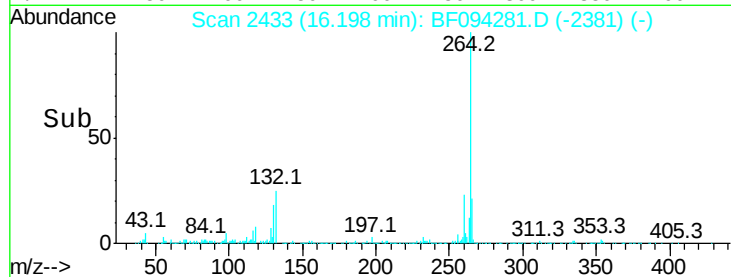
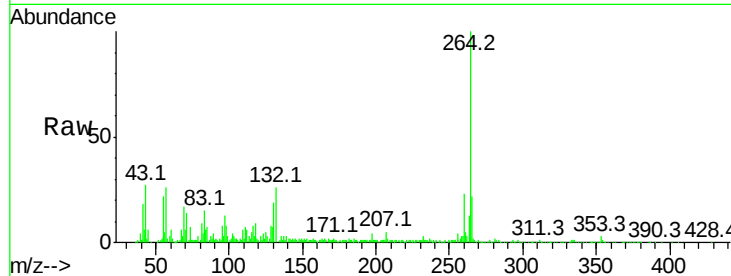
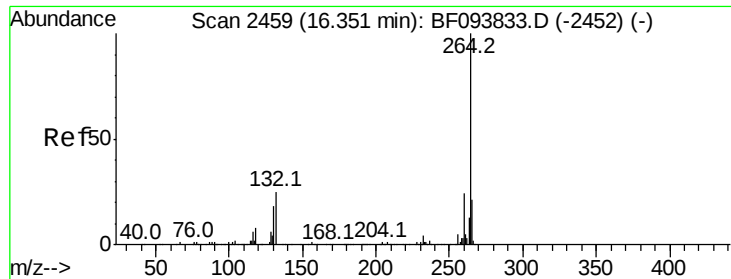


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.20 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BF094281.D

Acq: 7 Apr 2017 19:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tot Ion:264 Resp: 293792

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 22.1 17.2 25.8

