

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094177.D
 Acq On : 4 Apr 2017 19:53
 Operator : SJ/MA
 Sample : I2516-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Quant Time: Apr 05 01:47:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

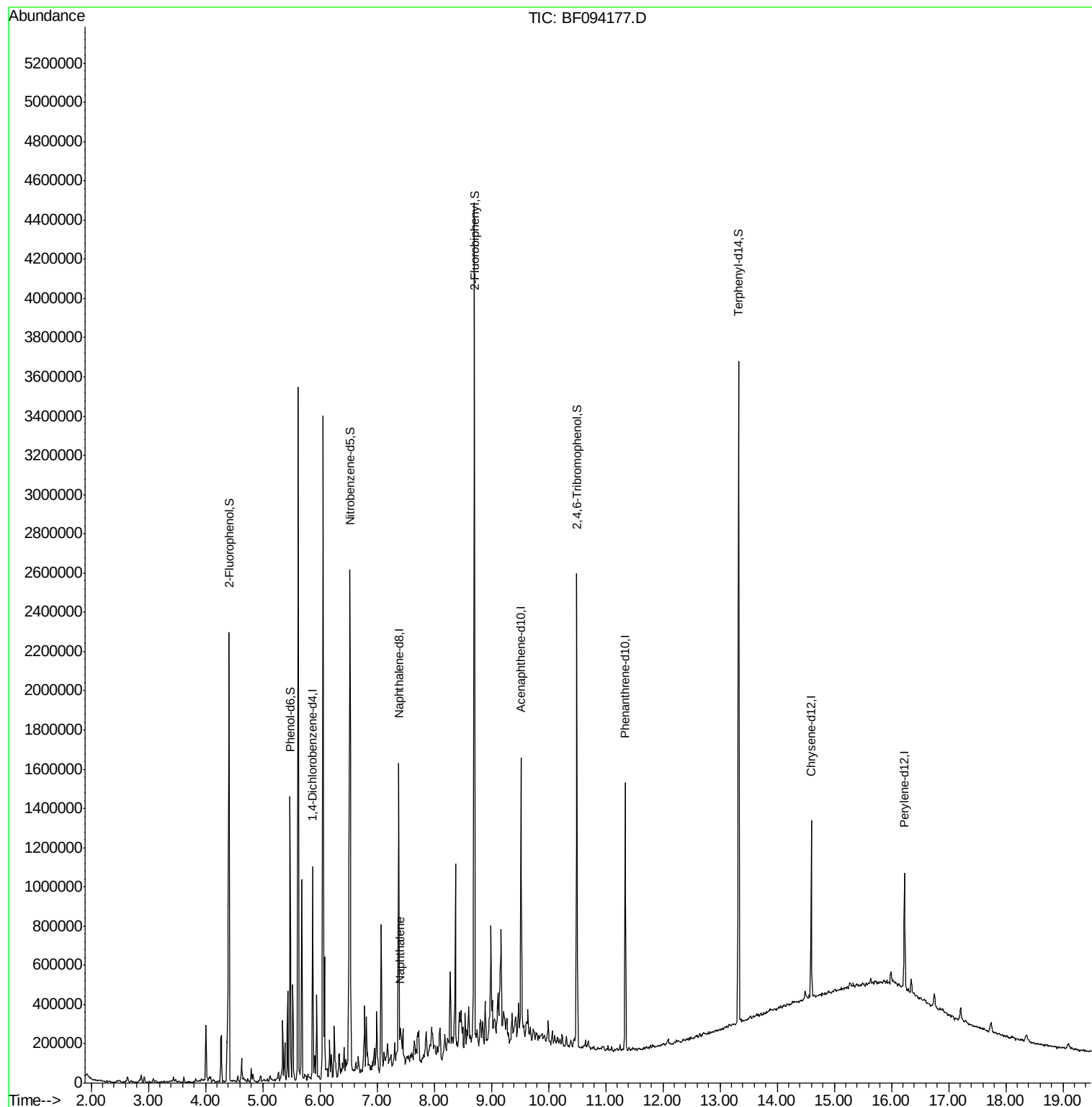
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	168810	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	678455	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	309182	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	532110	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	348266	20.00	ng	-0.03
86) Perylene-d12	16.23	264	268850	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	632270	63.26	ng	-0.02
7) Phenol-d6	5.48	99	520356	42.09	ng	-0.03
23) Nitrobenzene-d5	6.53	82	1046330	88.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	370613	151.69	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	1866107	92.06	ng	-0.02
78) Terphenyl-d14	13.33	244	1338609	86.15	ng	-0.02
Target Compounds						
31) Naphthalene	7.40	128	81396	2.50	ng	Qvalue 98

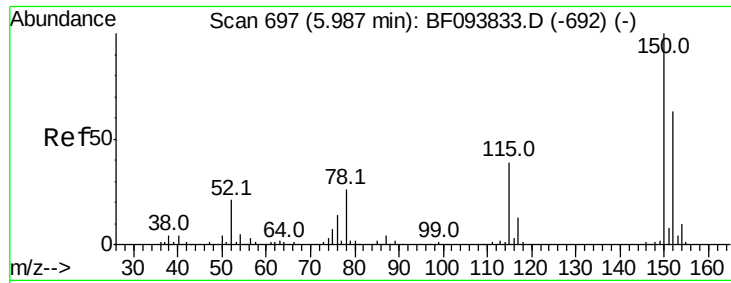
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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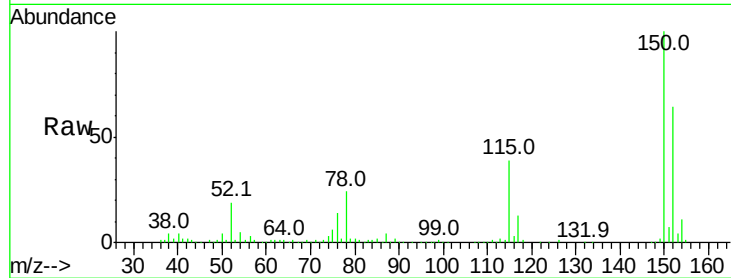


#1

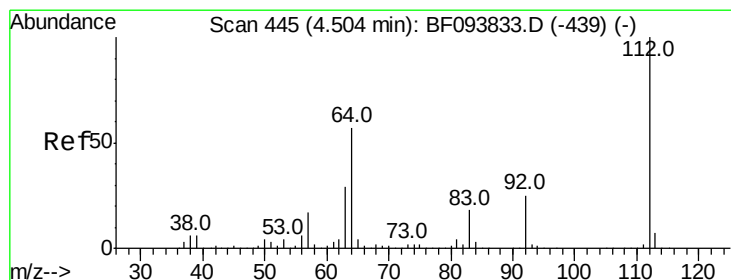
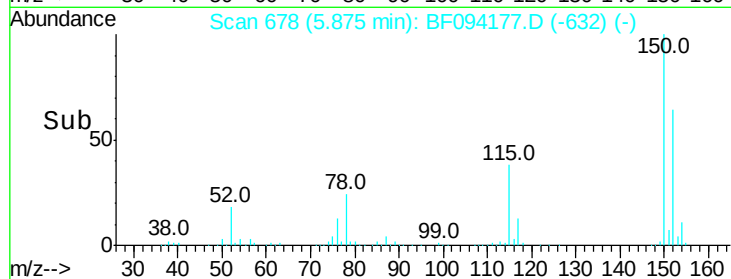
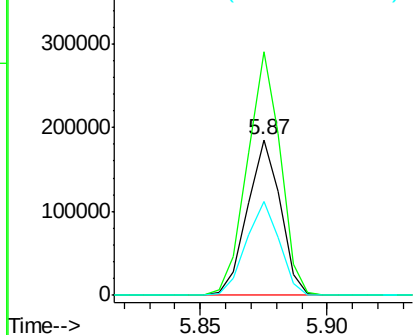
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.87 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF094177.D
 Acq: 4 Apr 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Tot Ion:152 Resp: 168810
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 60.4 52.2 78.2



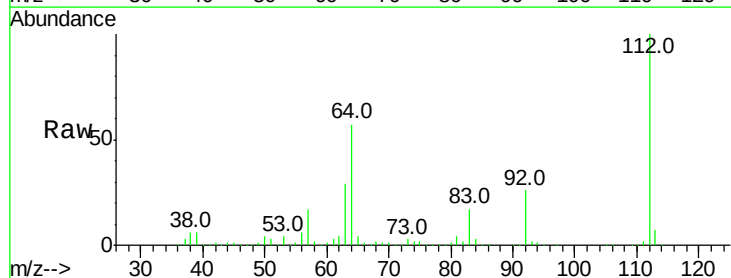
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



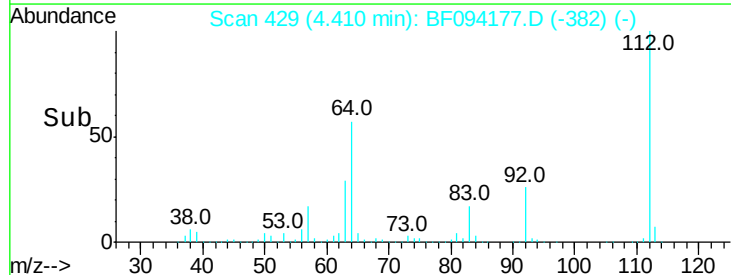
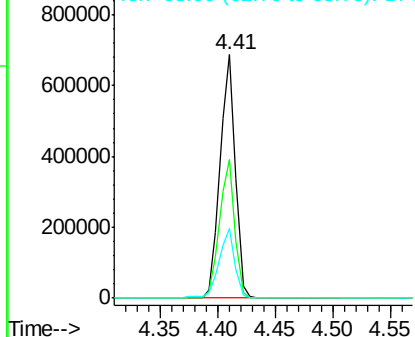
#5

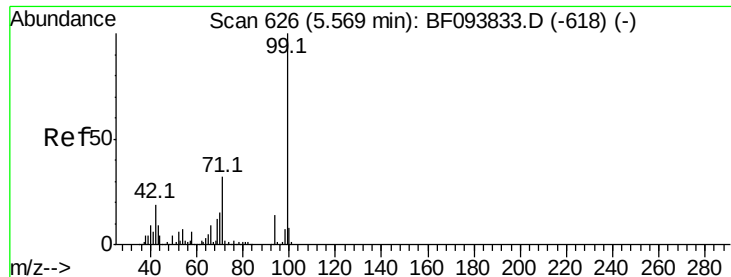
2-Fluorophenol
 Concen: 63.26 ng
 RT: 4.41 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: BF094177.D
 Acq: 4 Apr 2017 19:53

Tgt Ion:112 Resp: 632270
 Ion Ratio Lower Upper
 112 100
 64 56.9 46.0 69.0
 63 28.7 23.4 35.0



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: 42.09 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094177.D

Acq: 4 Apr 2017 19:53

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

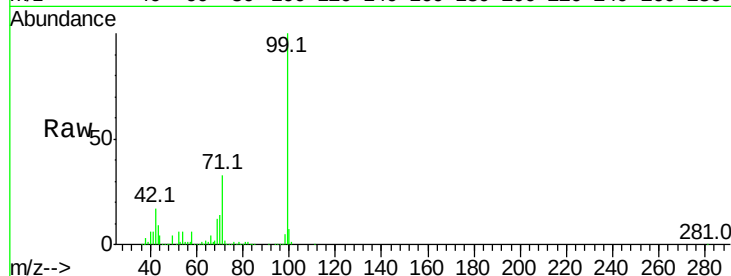
Tot Ion: 99 Resp: 520356

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

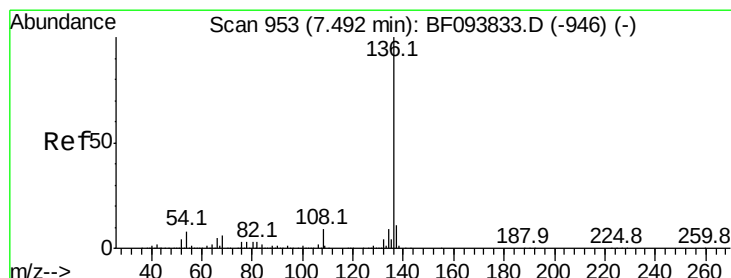
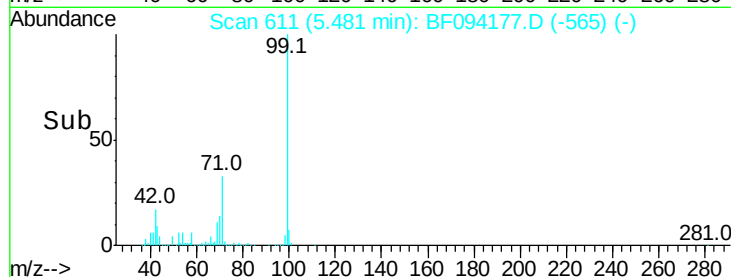
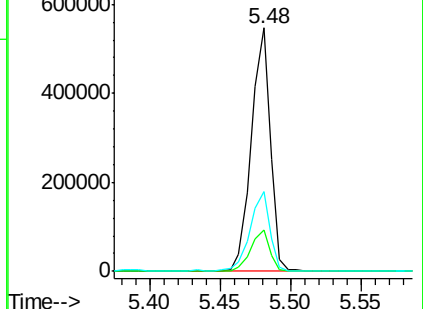
71 33.0 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094177.D

Acq: 4 Apr 2017 19:53

Tgt Ion: 136 Resp: 678455

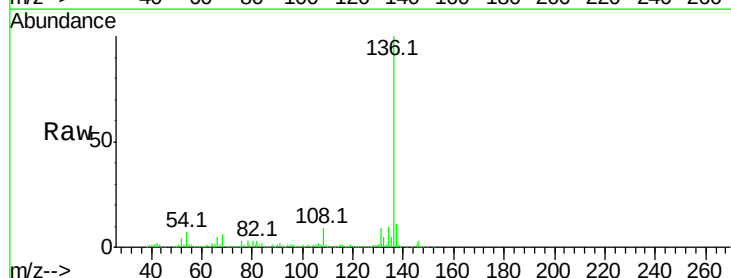
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 6.1 4.1 6.1#

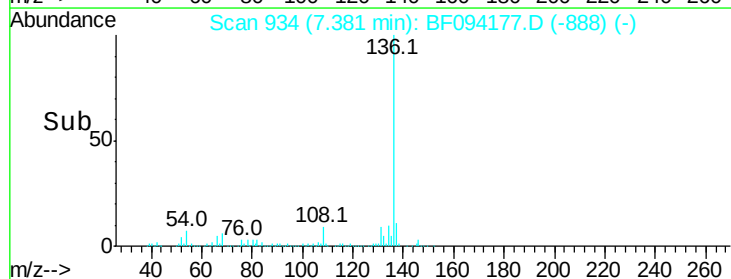
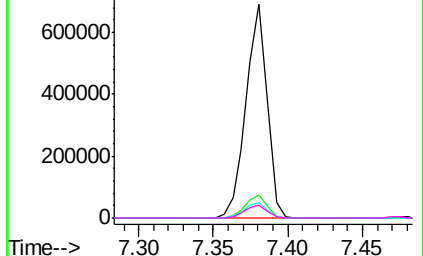


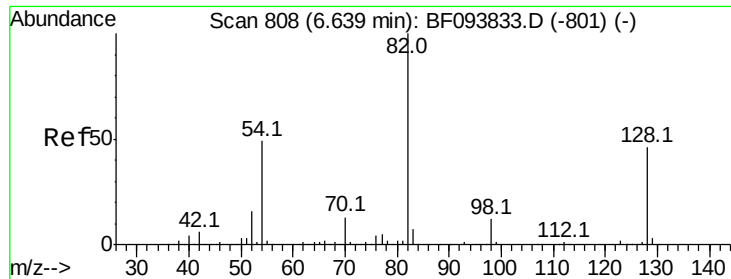
Abundance Ion 136.00 (135.70 to 136.70): E

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

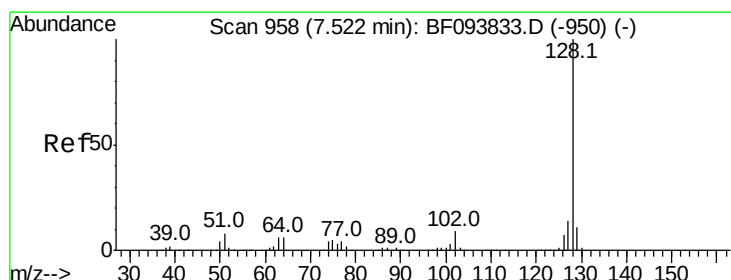
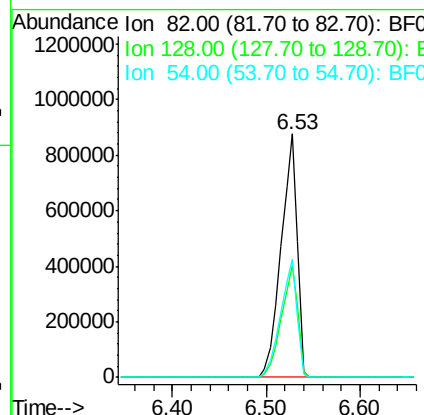
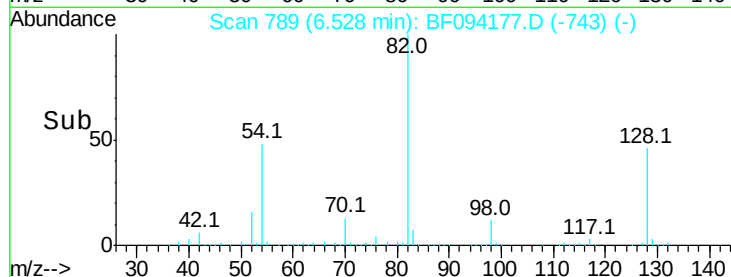
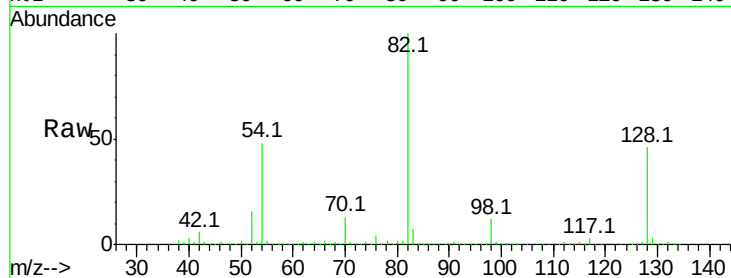




#23
Nitrobenzene-d5
Concen: 88.01 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094177.D
Acq: 4 Apr 2017 19:53

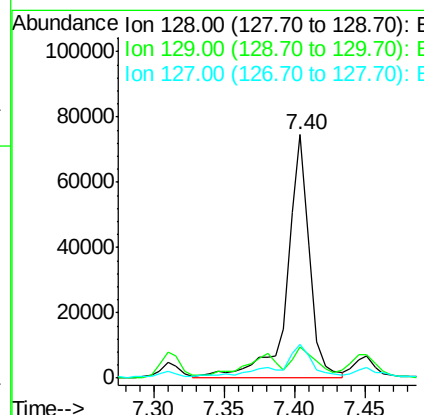
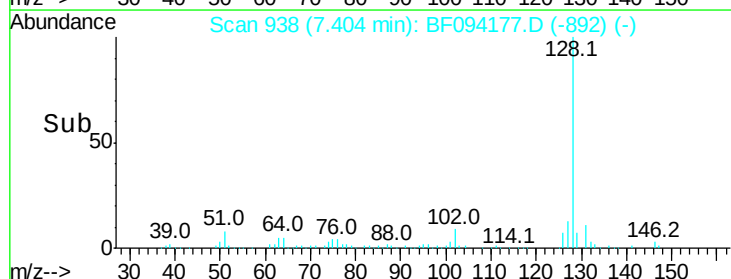
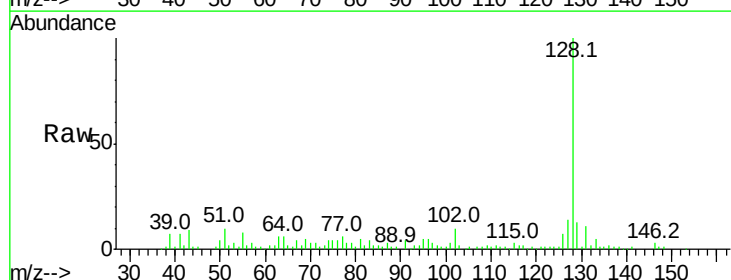
Instrument :
BNA_F
ClientSampleId :
DUPLICATE

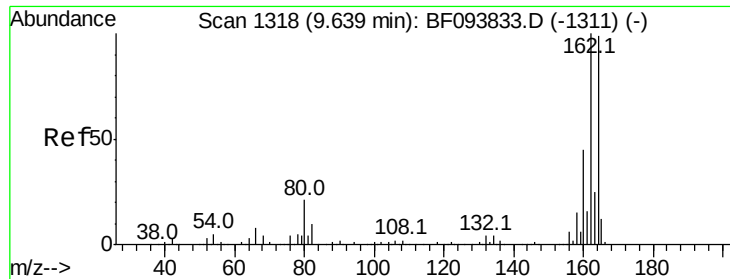
Tot Ion: 82 Resp: 1046330
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 48.4 42.2 63.2



#31
Naphthalene
Concen: 2.50 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF094177.D
Acq: 4 Apr 2017 19:53

Tgt Ion:128 Resp: 81396
Ion Ratio Lower Upper
128 100
129 12.6 9.0 13.6
127 14.1 10.8 16.2

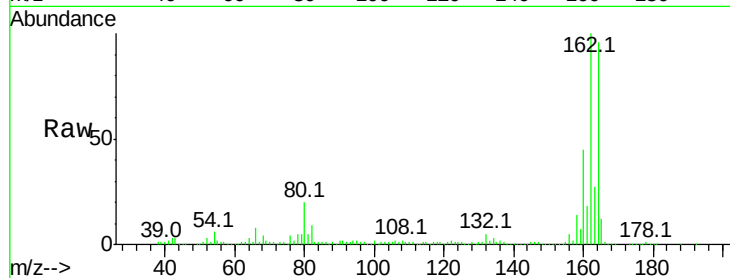




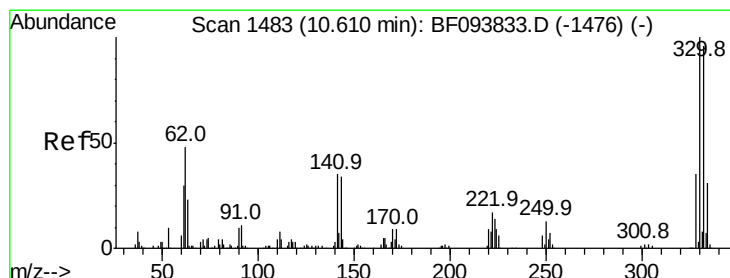
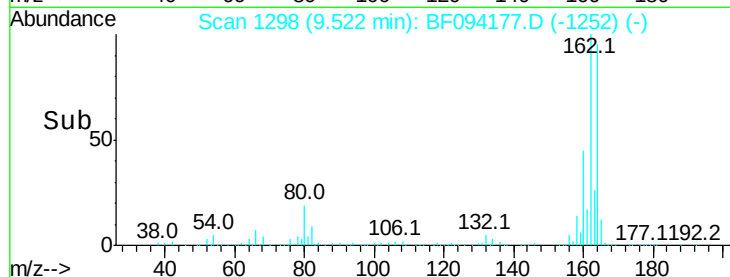
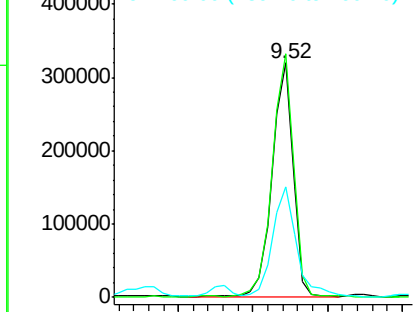
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BF094177.D
 Acq: 4 Apr 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Tot Ion:164 Resp: 309182
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 47.0 36.2 54.2

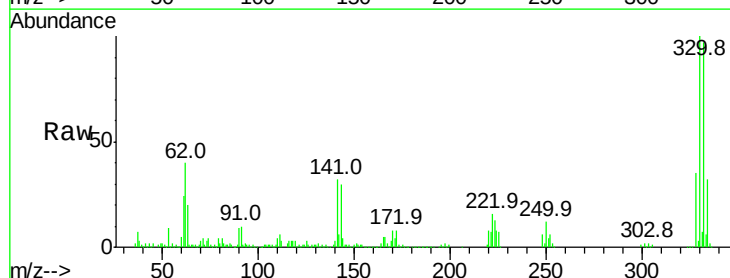


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

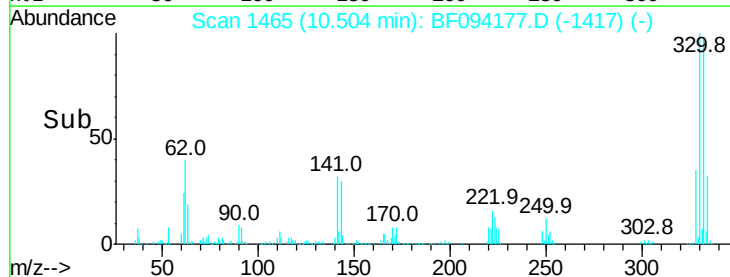
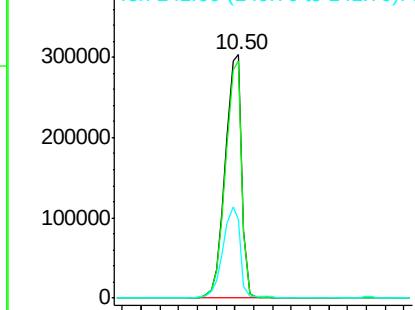


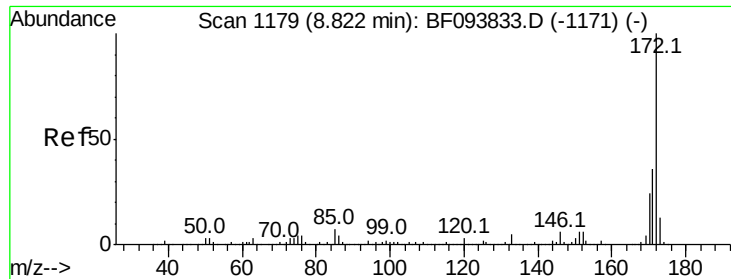
#41
 2,4,6-Tribromophenol
 Concen: 151.69 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094177.D
 Acq: 4 Apr 2017 19:53

Tgt Ion:330 Resp: 370613
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.7 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

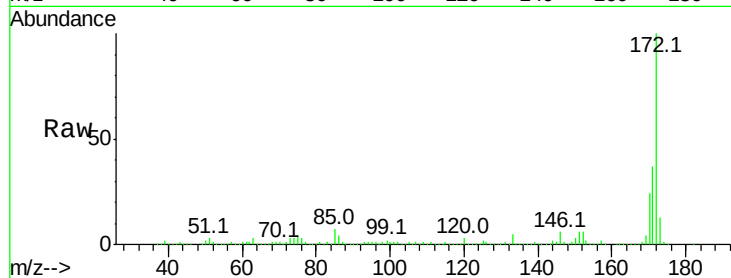




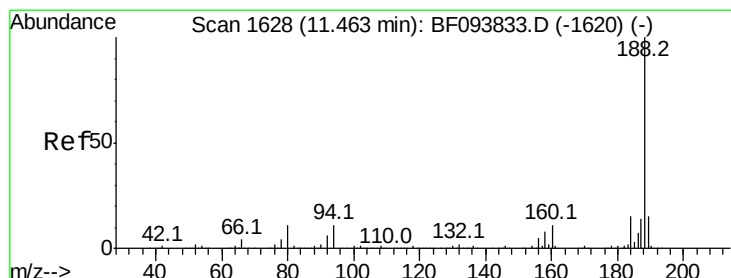
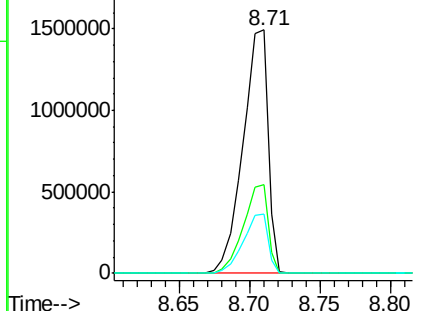
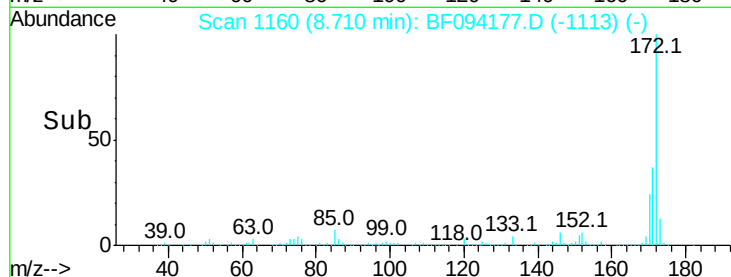
#44
 2-Fluorobiphenyl
 Concen: 92.06 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094177.D
 Acq: 4 Apr 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Tot Ion:172 Resp: 1866107
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.2 19.8 29.8

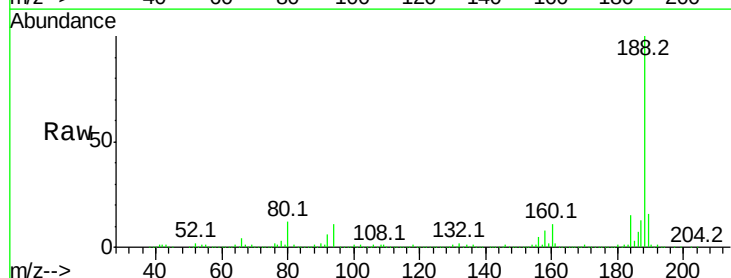


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

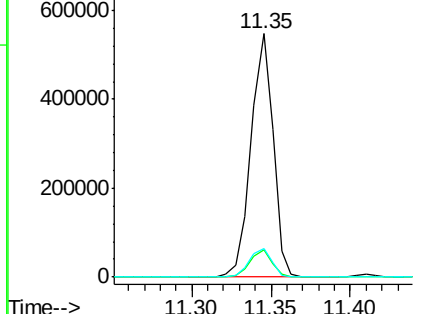
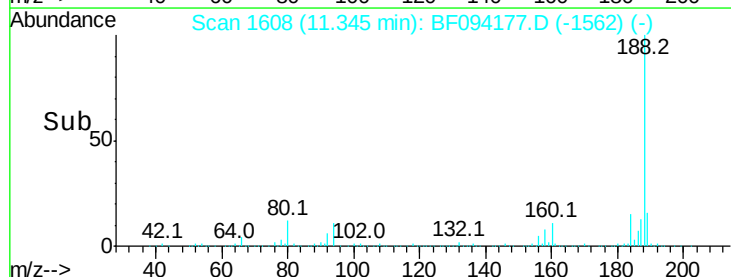


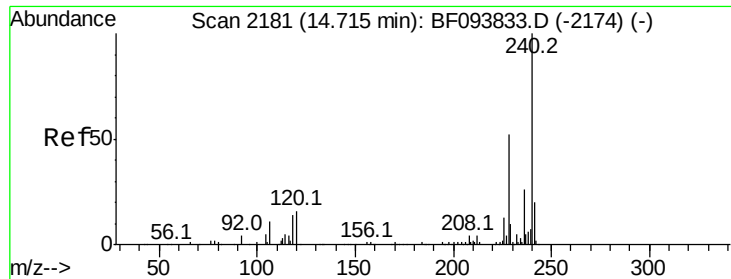
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BF094177.D
 Acq: 4 Apr 2017 19:53

Tgt Ion:188 Resp: 532110
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.7 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: 14.60 min Scan# 2161

Delta R.T. -0.03 min

Lab File: BF094177.D

Acq: 4 Apr 2017 19:53

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

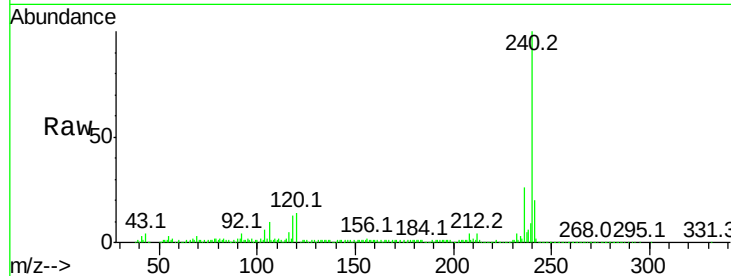
Tot Ion:240 Resp: 348266

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

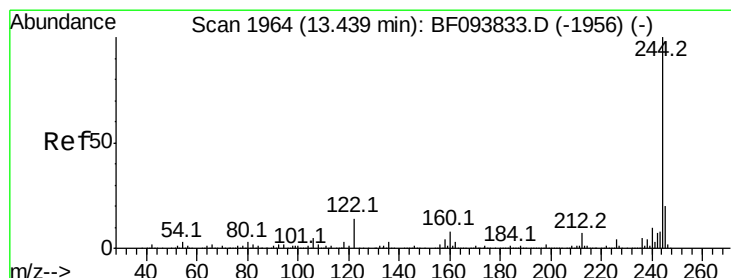
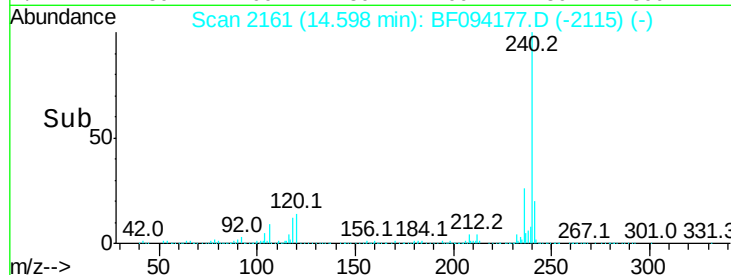
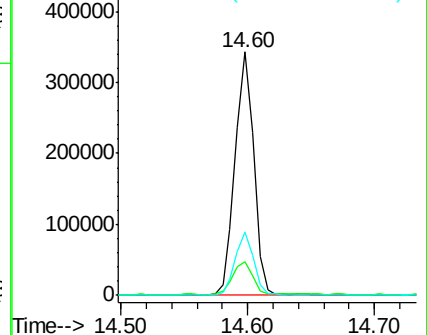
236 26.1 20.5 30.7



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: 86.15 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094177.D

Acq: 4 Apr 2017 19:53

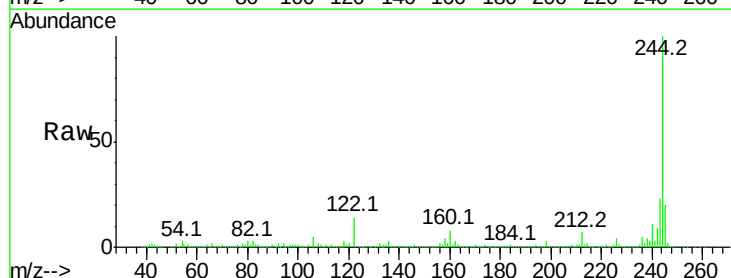
Tgt Ion:244 Resp: 1338609

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

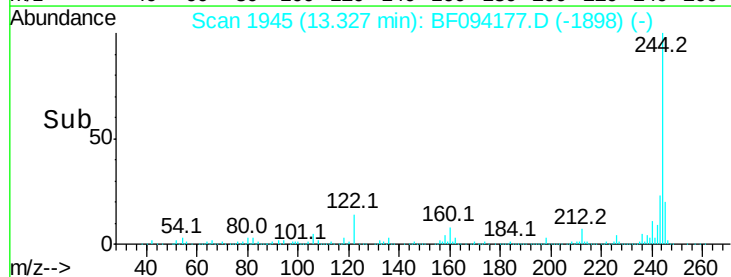
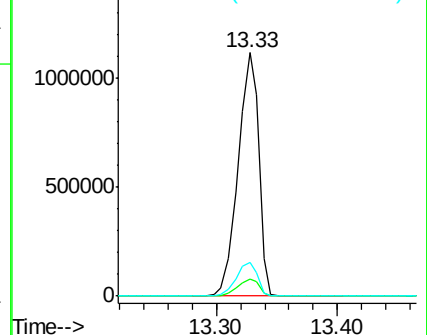
122 14.1 10.3 15.5

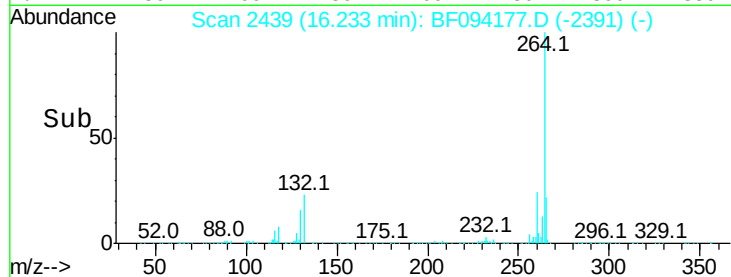
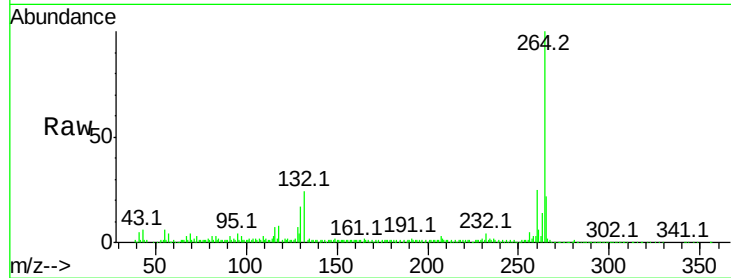
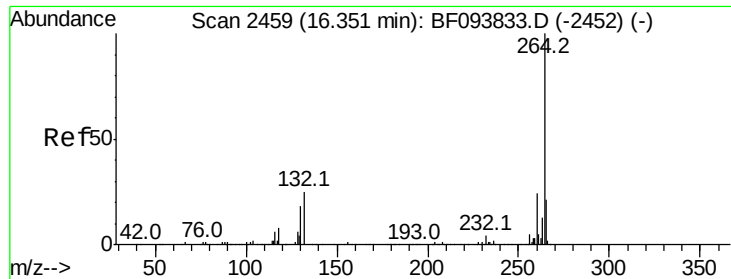


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.23 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BF094177.D

Acq: 4 Apr 2017 19:53

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

Tot Ion:264 Resp: 268850

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.1 17.2 25.8

