

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093917.D
 Acq On : 24 Mar 2017 20:14
 Operator : SJ/MA
 Sample : I2394-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP2

Quant Time: Mar 25 00:38:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

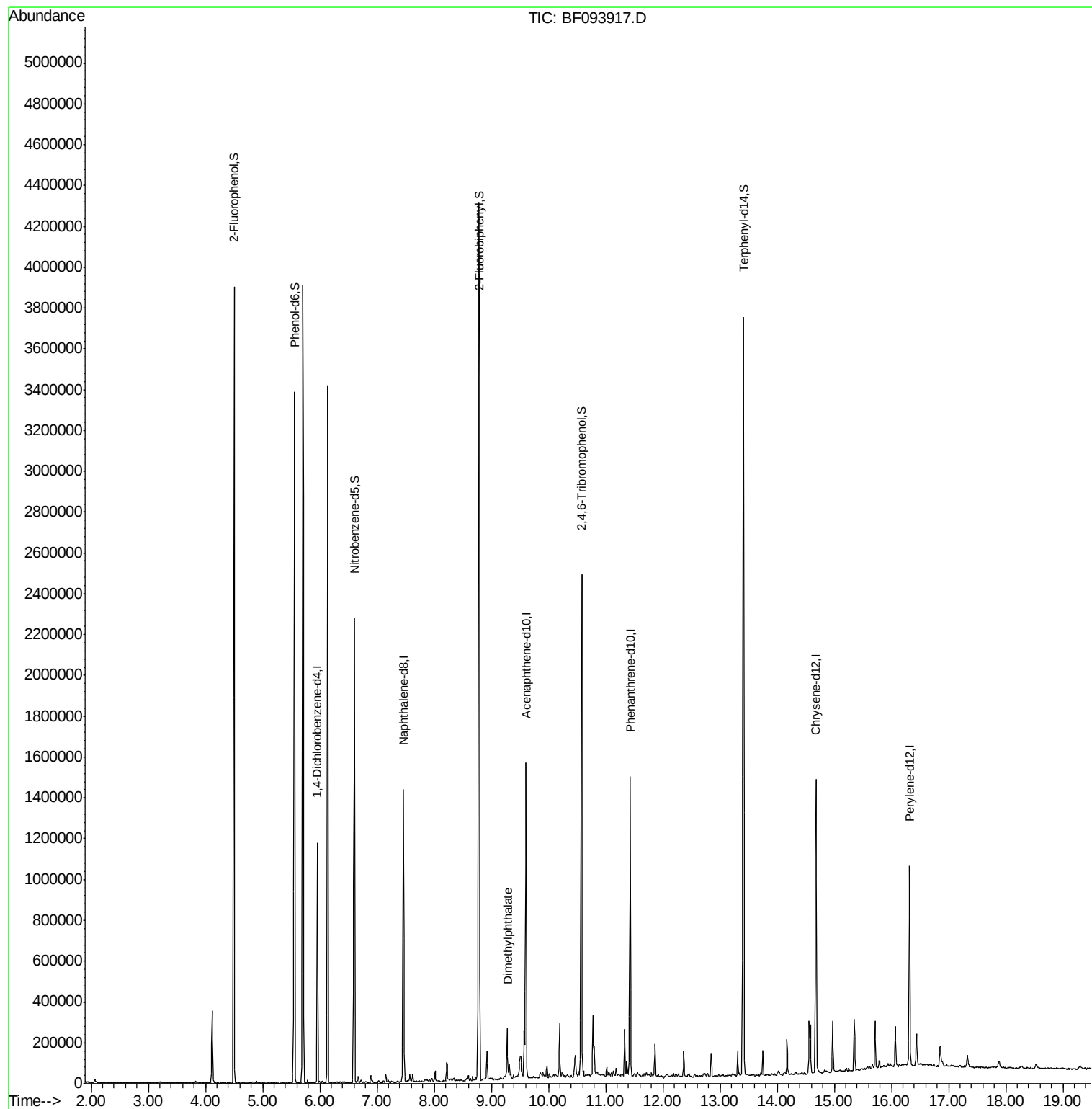
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	178459	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	734511	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	341675	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	621537	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	538814	20.00	ng	-0.04
86) Perylene-d12	16.32	264	402742	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1234265	116.82	ng	0.00
7) Phenol-d6	5.56	99	1583054	121.11	ng	-0.01
23) Nitrobenzene-d5	6.60	82	972834	75.59	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	347558	128.73	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1756971	78.43	ng	-0.04
78) Terphenyl-d14	13.42	244	1521331	63.29	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.28	163	111415	4.59	ng	Qvalue 99

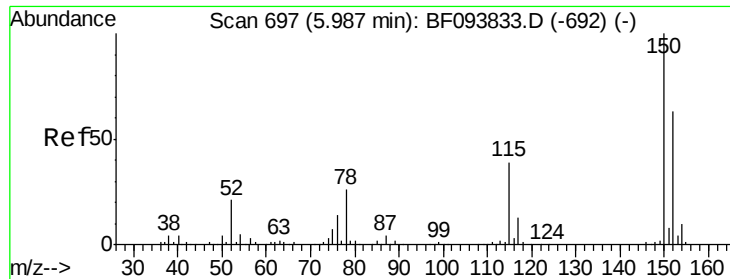
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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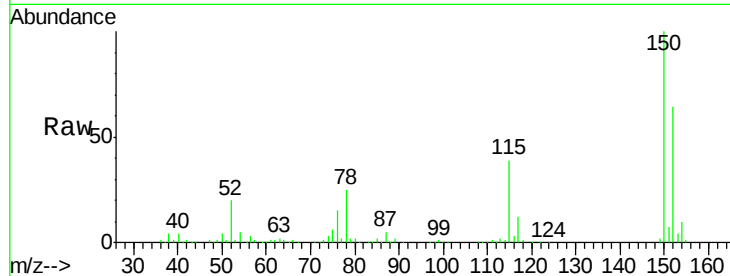


#1

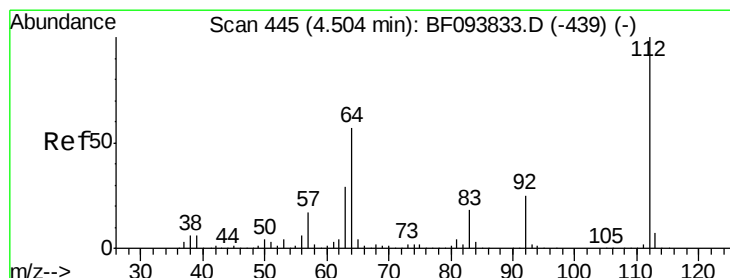
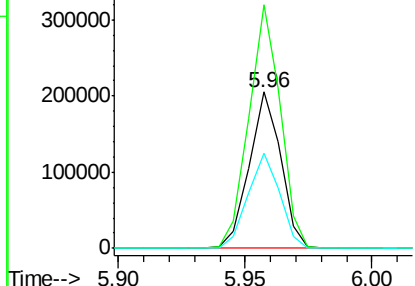
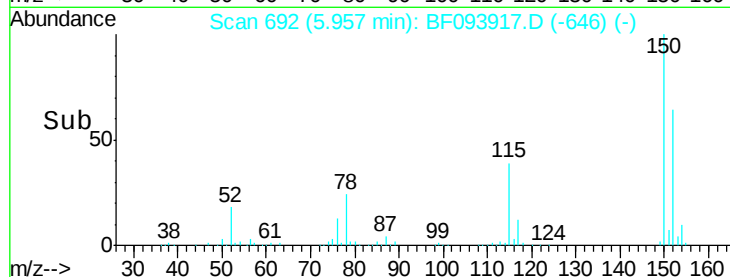
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093917.D
Acq: 24 Mar 2017 20:14

Instrument :
BNA_F
ClientSampleId :
COMP2

Tot Ion:152 Resp: 178459
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 61.0 52.2 78.2



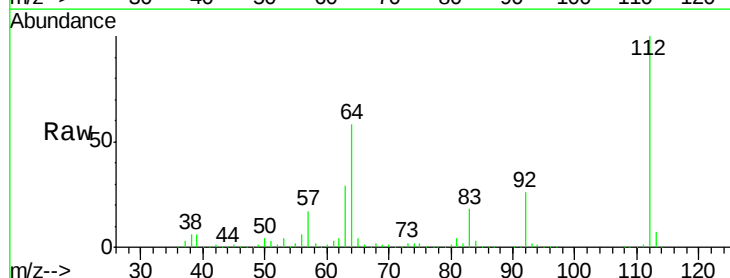
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



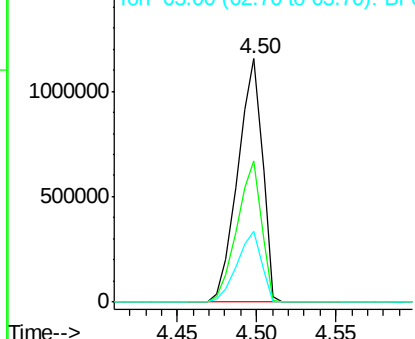
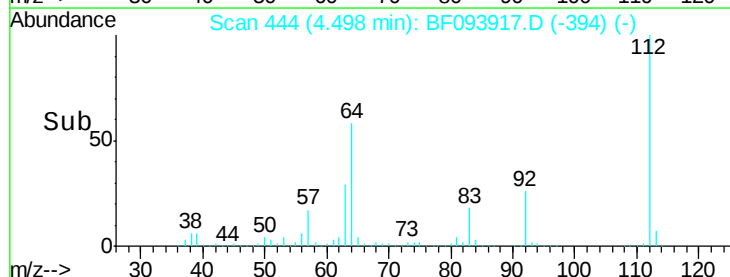
#5

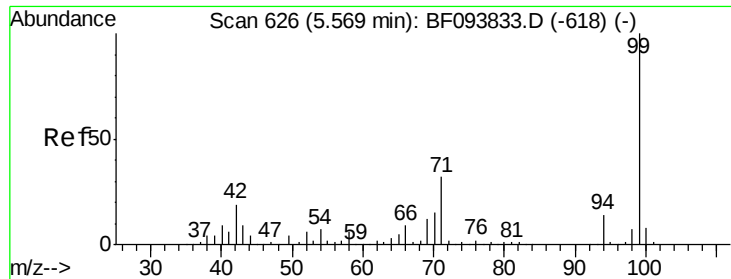
2-Fluorophenol
Concen: 116.82 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093917.D
Acq: 24 Mar 2017 20:14

Tgt Ion:112 Resp: 1234265
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 28.9 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: 121.11 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

Instrument :

BNA_F

ClientSampleId :

COMP2

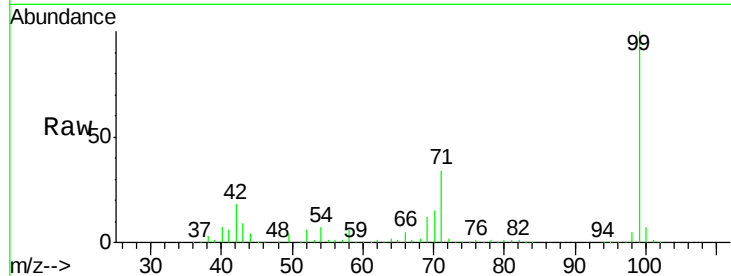
Tot Ion: 99 Resp: 1583054

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

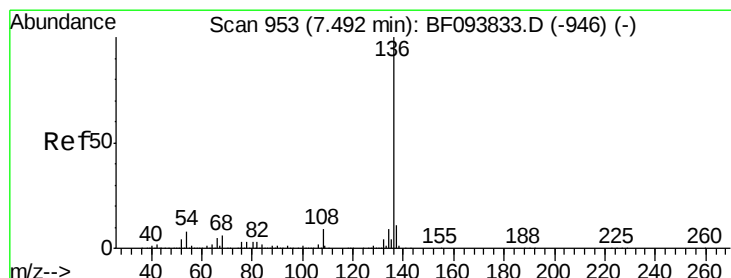
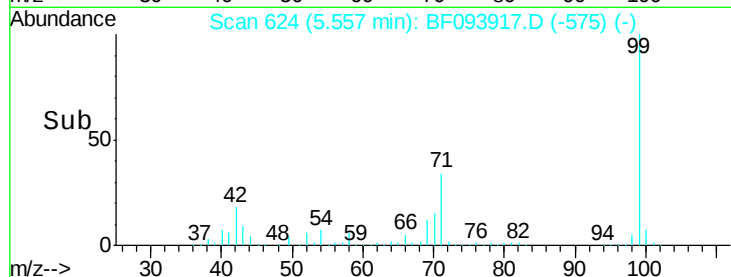
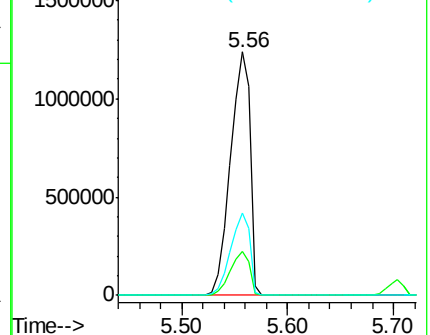
71 34.0 24.5 36.7



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: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

Tgt Ion: 136 Resp: 734511

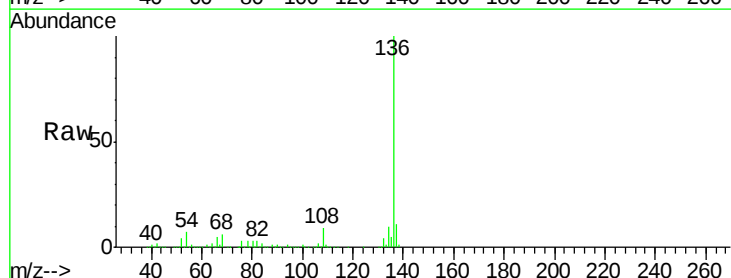
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1

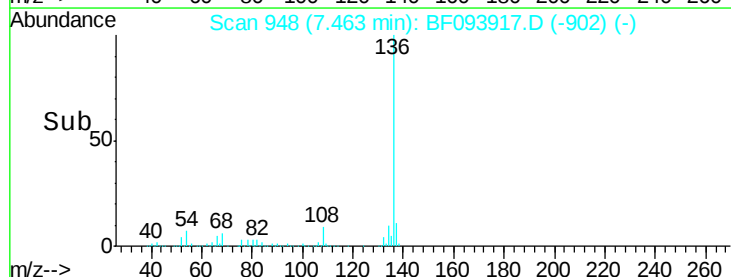
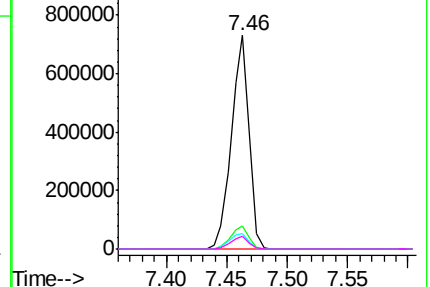


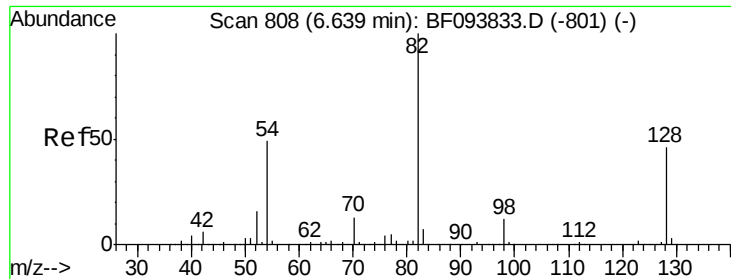
Abundance Ion 136.00 (135.70 to 136.70): E

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

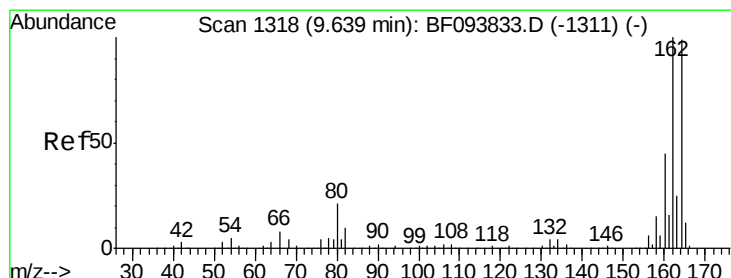
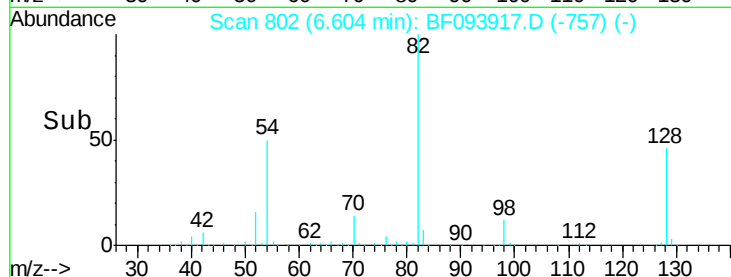
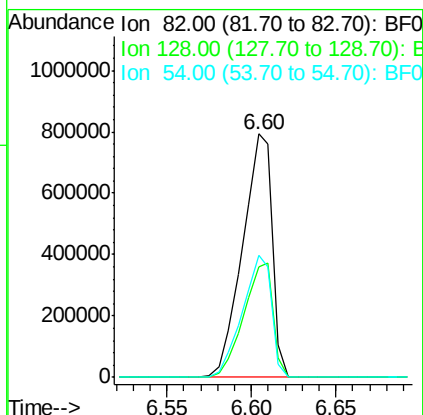
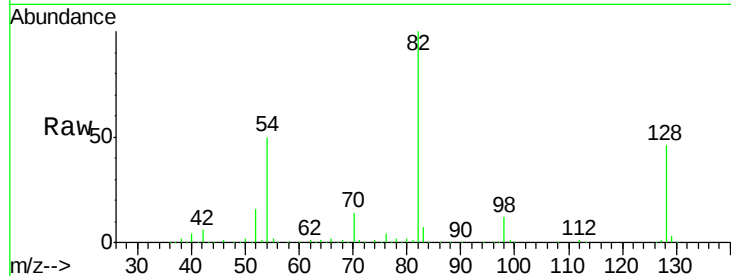




#23
 Nitrobenzene-d5
 Concen: 75.59 ng
 RT: 6.60 min Scan# 802
 Delta R.T. -0.04 min
 Lab File: BF093917.D
 Acq: 24 Mar 2017 20:14

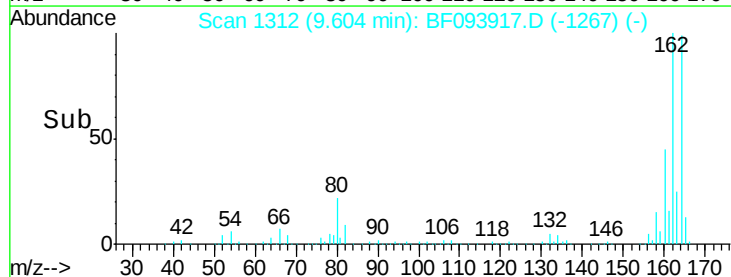
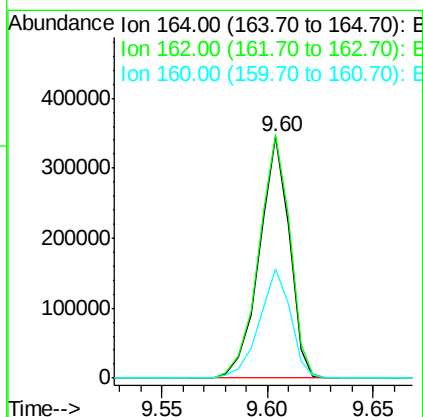
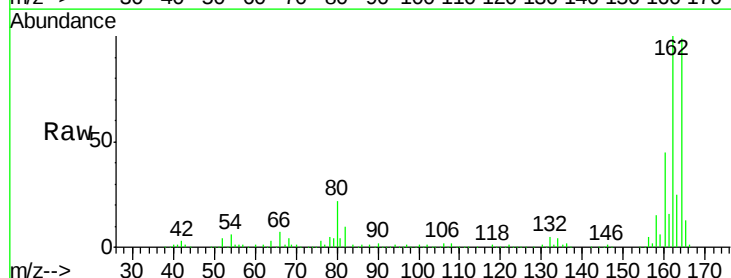
Instrument :
 BNA_F
 ClientSampled :
 COMP2

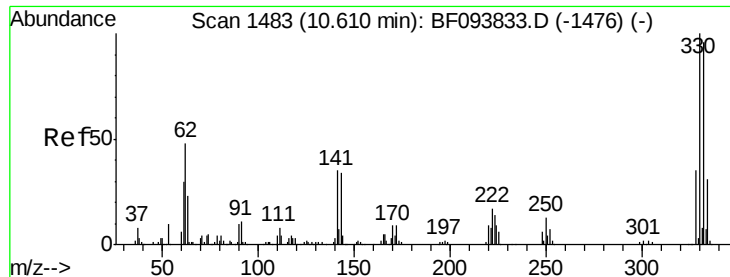
Tot Ion: 82 Resp: 972834
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 50.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF093917.D
 Acq: 24 Mar 2017 20:14

Tgt Ion:164 Resp: 341675
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 45.5 36.2 54.2

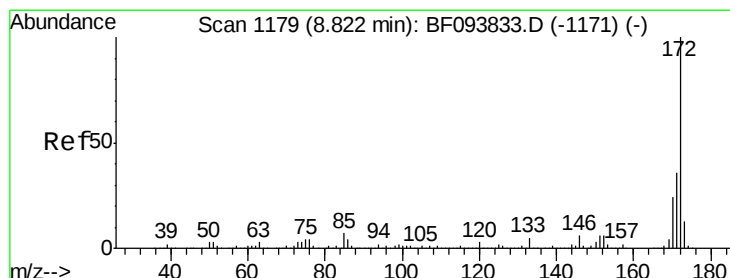
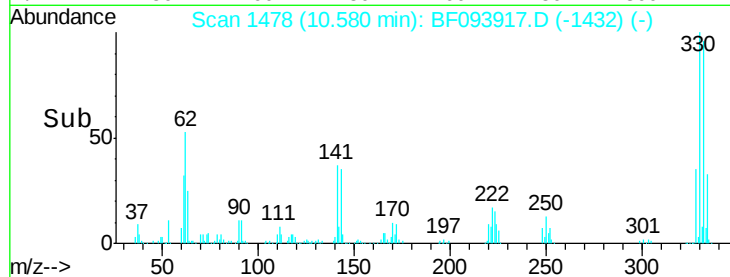
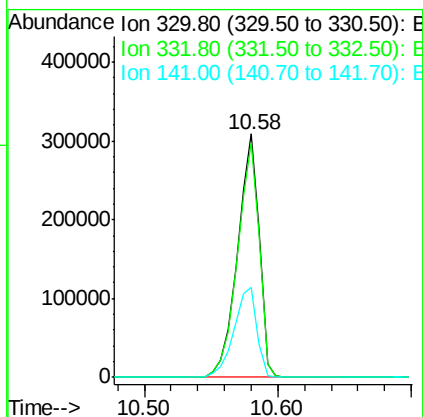
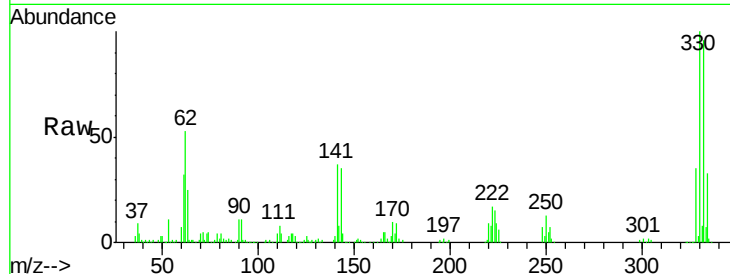




#41
 2,4,6-Tribromophenol
 Concen: 128.73 ng
 RT: 10.58 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF093917.D
 Acq: 24 Mar 2017 20:14

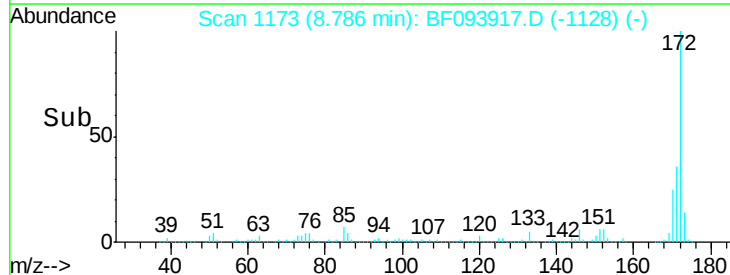
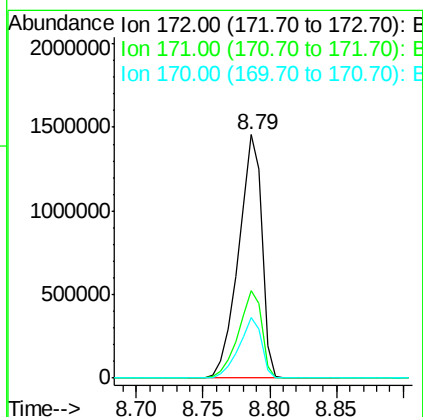
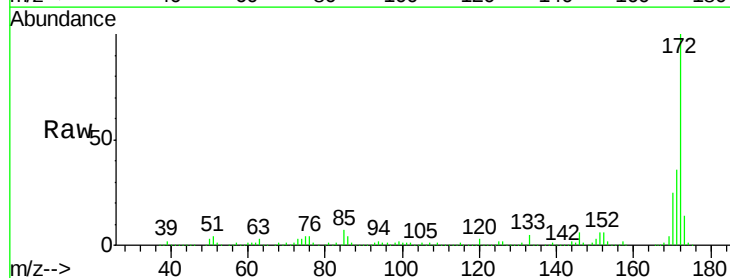
Instrument :
 BNA_F
 ClientSampleId :
 COMP2

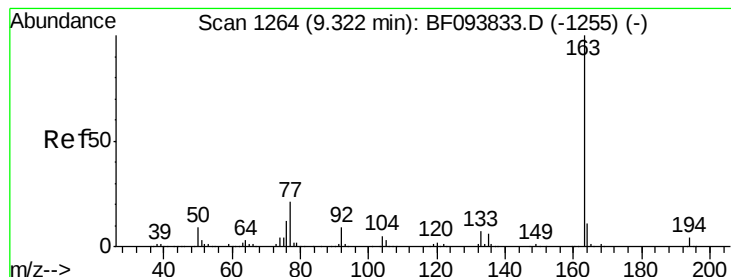
Tot Ion:330 Resp: 347558
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 78.43 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093917.D
 Acq: 24 Mar 2017 20:14

Tgt Ion:172 Resp: 1756971
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.7 19.8 29.8





#49

Dimethylphthalate

Concen: 4.59 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

Instrument :

BNA_F

ClientSampleId :

COMP2

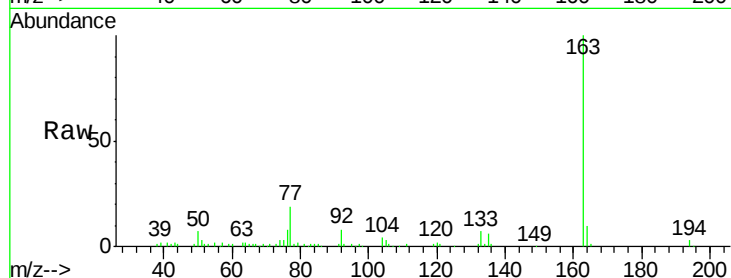
Tot Ion:163 Resp: 111415

Ion Ratio Lower Upper

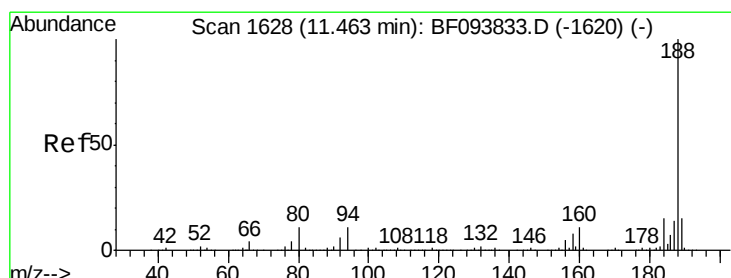
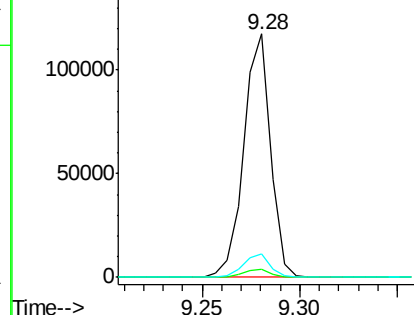
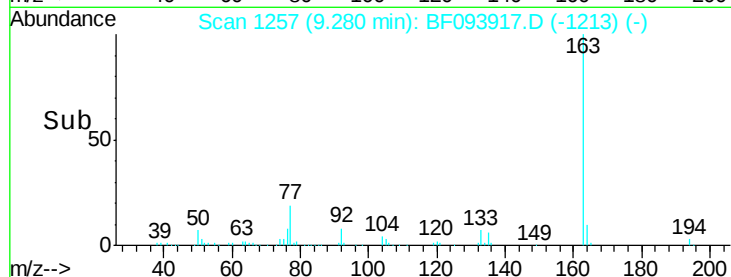
163 100

194 3.3 2.6 4.0

164 9.8 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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 1622

Delta R.T. -0.04 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

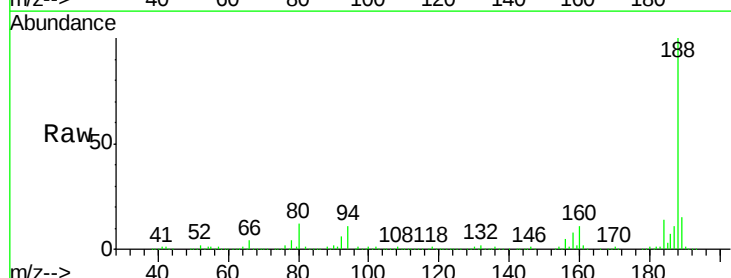
Tgt Ion:188 Resp: 621537

Ion Ratio Lower Upper

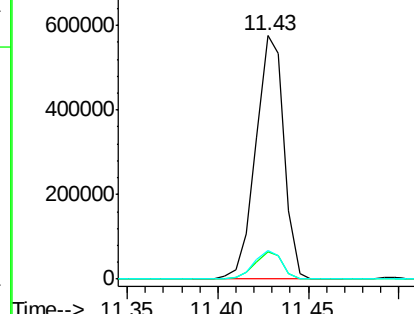
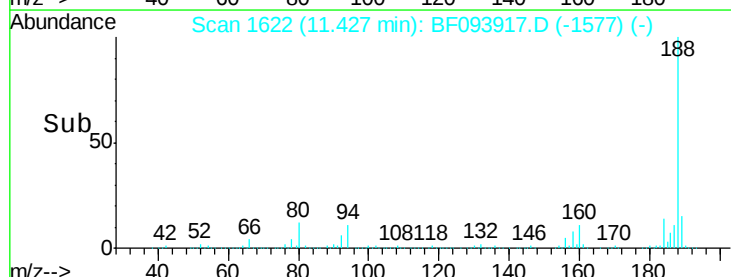
188 100

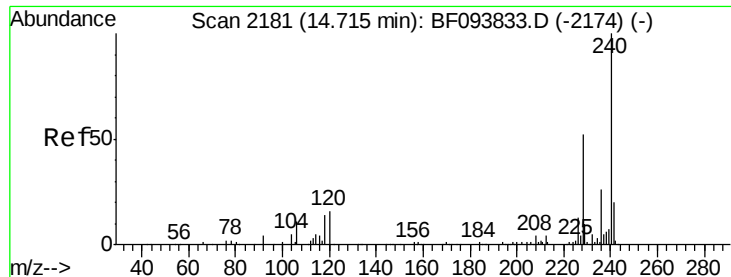
94 11.0 9.4 14.2

80 11.9 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: 14.68 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

Instrument :

BNA_F

ClientSampleId :

COMP2

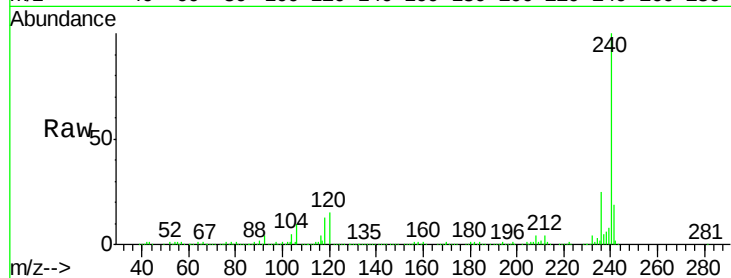
Tot Ion:240 Resp: 538814

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

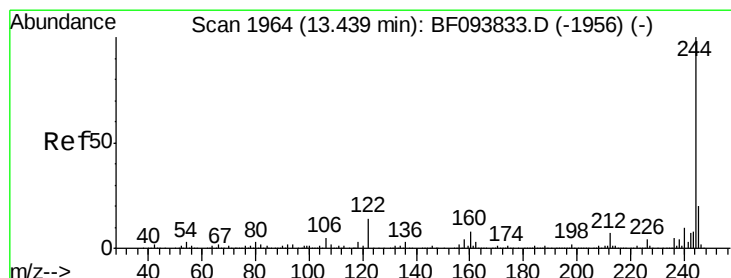
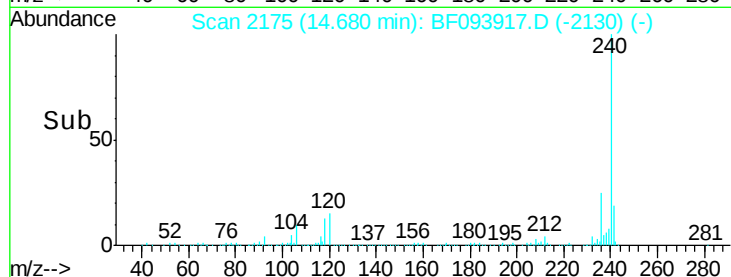
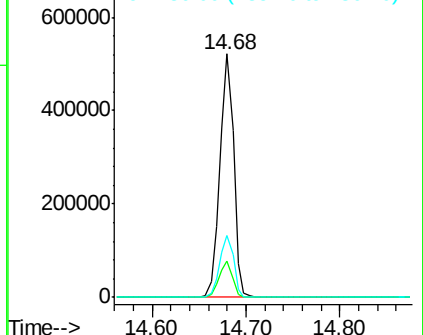
236 25.5 20.5 30.7



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: 63.29 ng

RT: 13.42 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

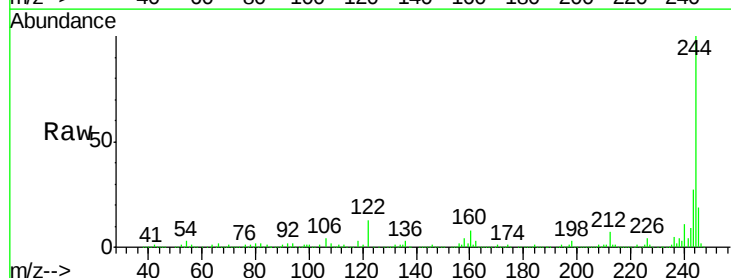
Tgt Ion:244 Resp: 1521331

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

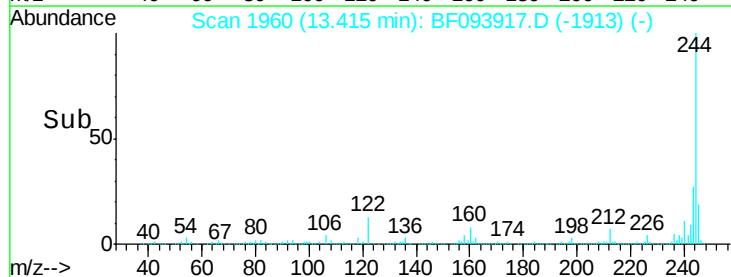
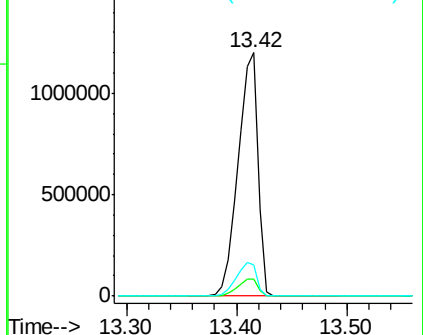
122 13.0 10.3 15.5

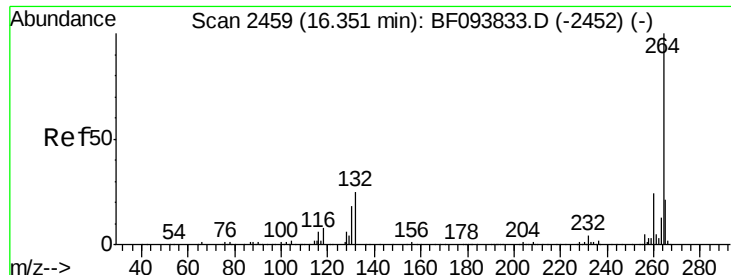


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

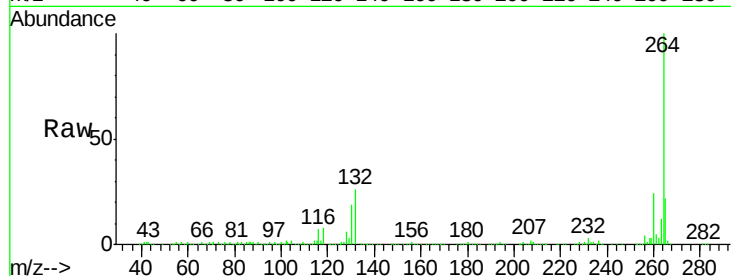




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.32 min Scan# 2453
Delta R.T. -0.04 min
Lab File: BF093917.D
Acq: 24 Mar 2017 20:14

Instrument :
BNA_F
ClientSampleId :
COMP2

Tot Ion:264 Resp: 402742
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

