

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093916.D
 Acq On : 24 Mar 2017 19:46
 Operator : SJ/MA
 Sample : I2394-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP3

Quant Time: Mar 25 00:37:02 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

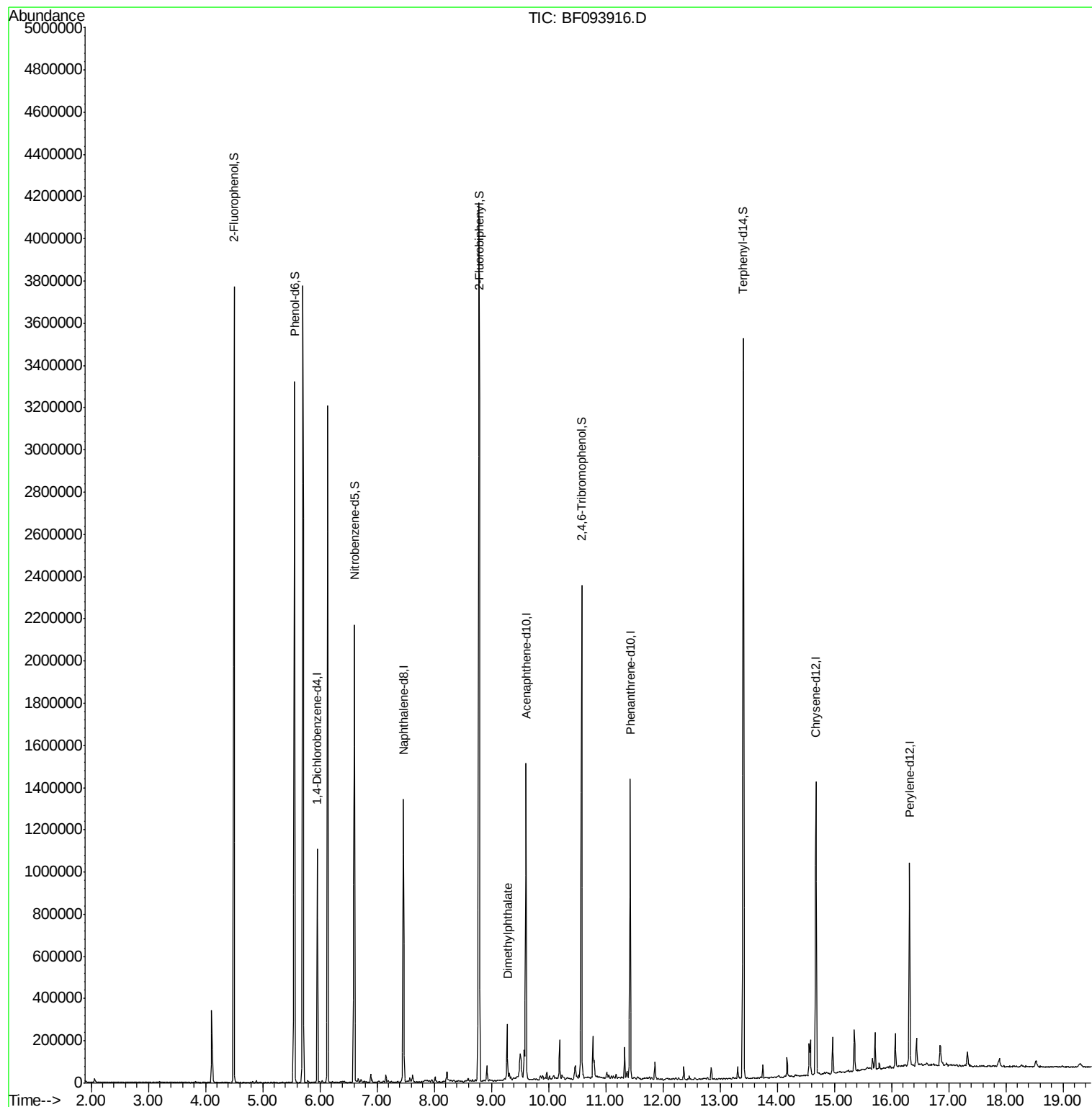
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	168443	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	687485	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	315786	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	574352	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	510636	20.00	ng	-0.04
86) Perylene-d12	16.32	264	388143	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1166297	116.95	ng	0.00
7) Phenol-d6	5.56	99	1511866	122.54	ng	-0.01
23) Nitrobenzene-d5	6.60	82	915792	76.02	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	326233	130.73	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1658666	80.11	ng	-0.04
78) Terphenyl-d14	13.41	244	1420841	62.37	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.28	163	114226	5.09	ng	Qvalue 99

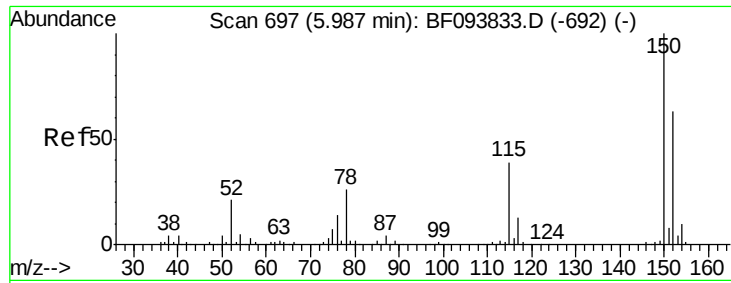
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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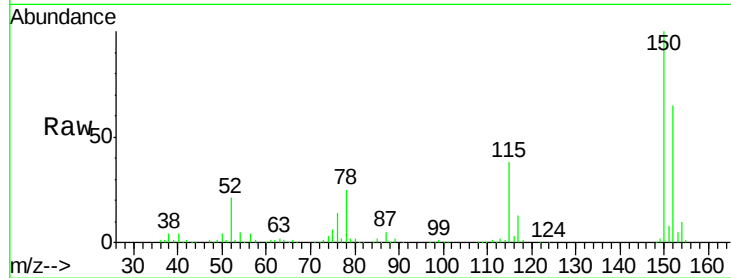


#1

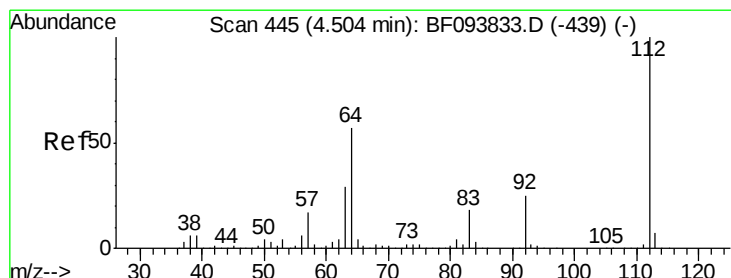
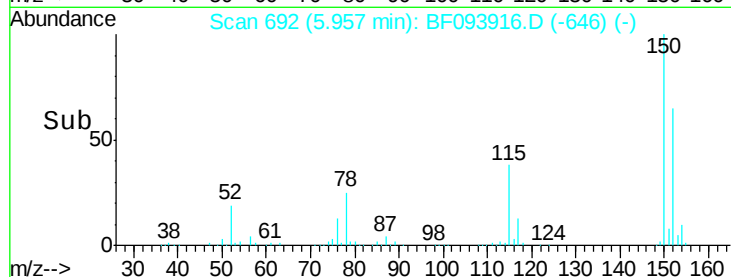
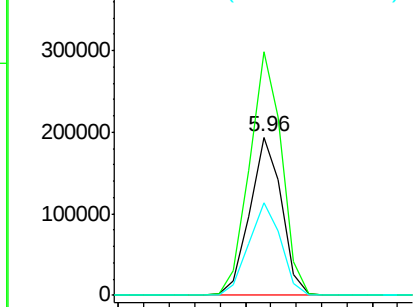
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093916.D
Acq: 24 Mar 2017 19:46

Instrument :
BNA_F
ClientSampleId :
COMP3

Tot Ion:152 Resp: 168443
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 59.0 52.2 78.2



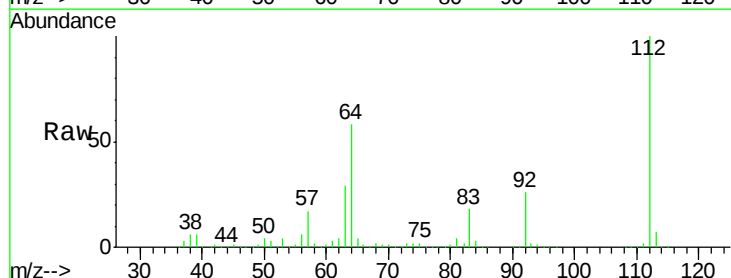
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



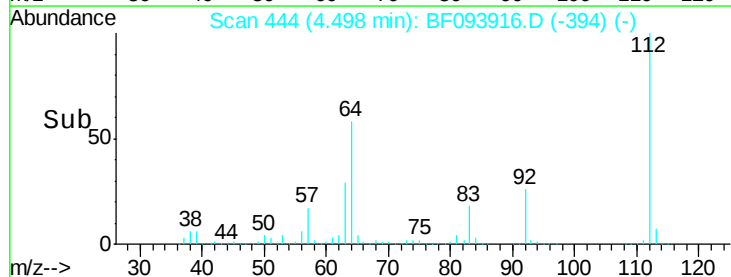
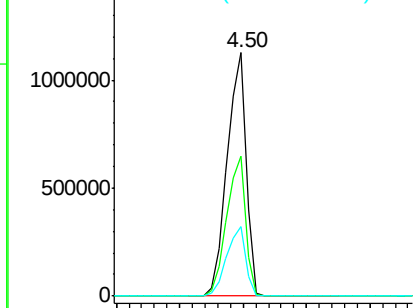
#5

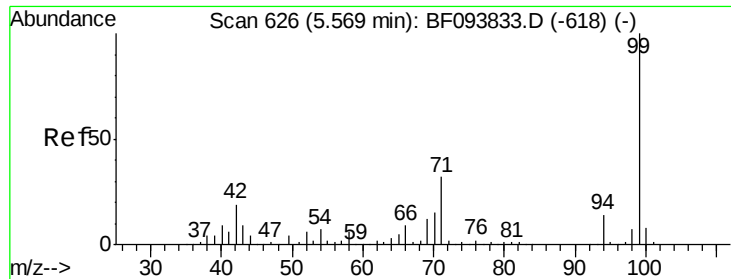
2-Fluorophenol
Concen: 116.95 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093916.D
Acq: 24 Mar 2017 19:46

Tgt Ion:112 Resp: 1166297
Ion Ratio Lower Upper
112 100
64 57.5 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: 122.54 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093916.D

Acq: 24 Mar 2017 19:46

Instrument :

BNA_F

ClientSampleId :

COMP3

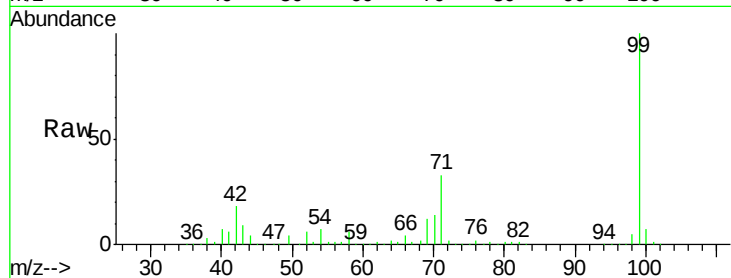
Tot Ion: 99 Resp: 1511866

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

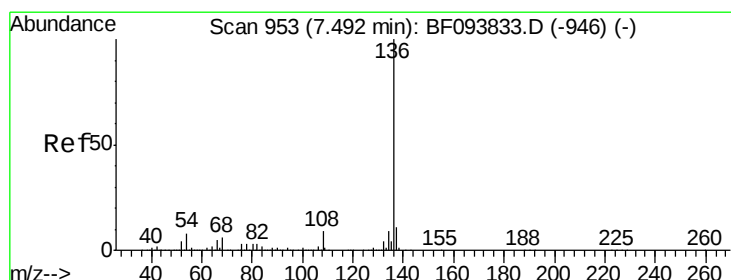
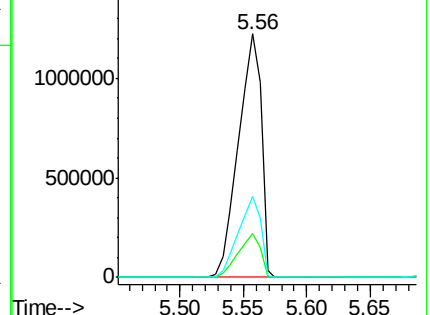
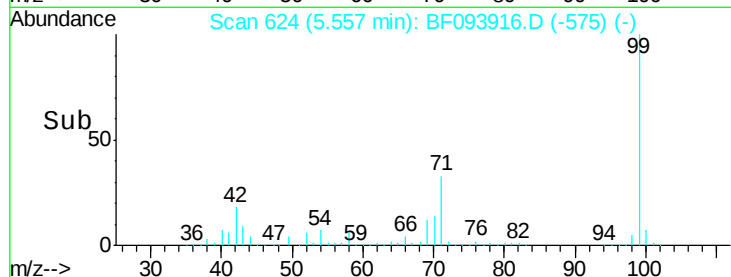
71 33.2 24.5 36.7



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: BF093916.D

Acq: 24 Mar 2017 19:46

Tgt Ion: 136 Resp: 687485

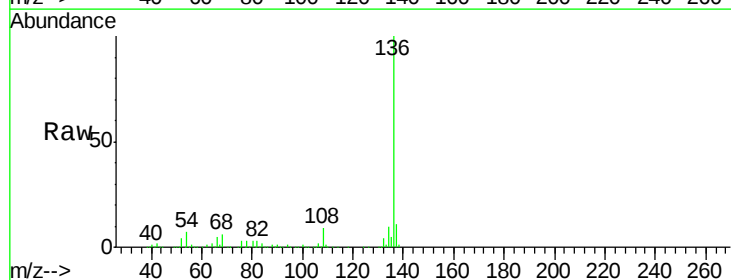
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 5.8 4.1 6.1

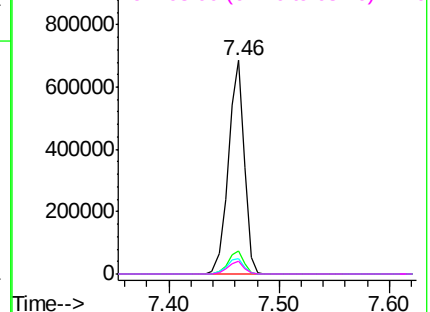
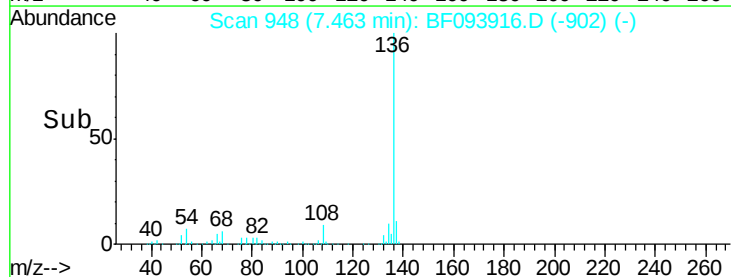


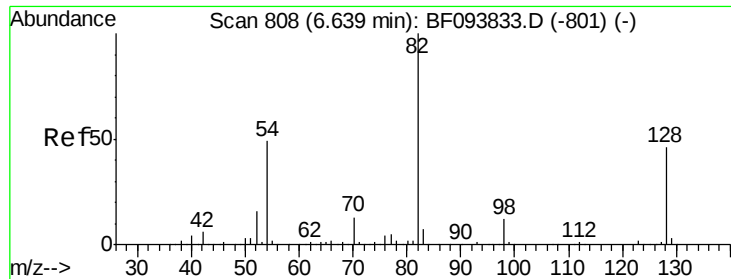
Abundance Ion 136.00 (135.70 to 136.70): E

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

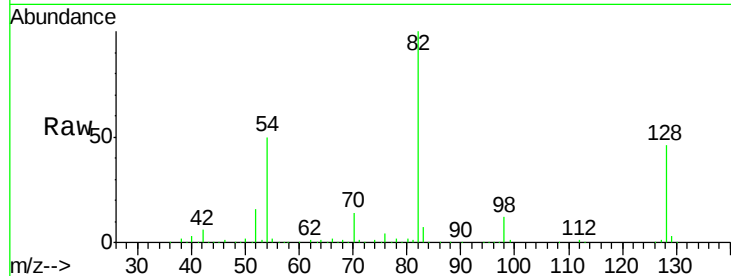




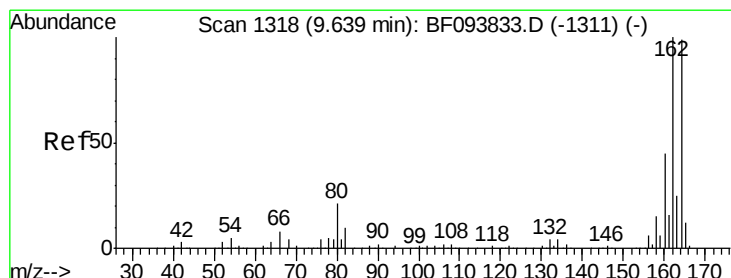
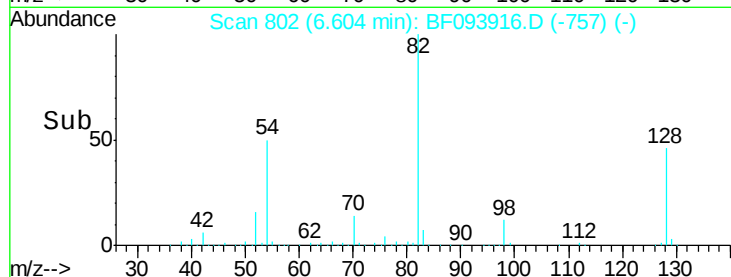
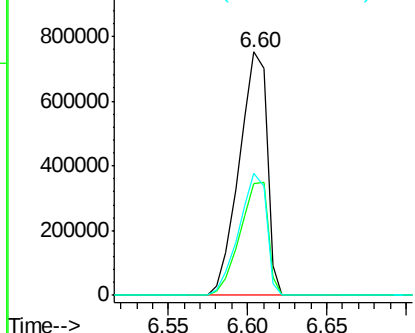
#23
 Nitrobenzene-d5
 Concen: 76.02 ng
 RT: 6.60 min Scan# 802
 Delta R.T. -0.04 min
 Lab File: BF093916.D
 Acq: 24 Mar 2017 19:46

Instrument :
 BNA_F
 ClientSampled :
 COMP3

Tot Ion: 82 Resp: 915792
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 50.2 42.2 63.2

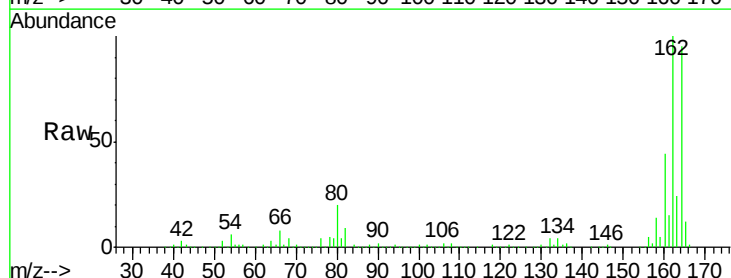


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

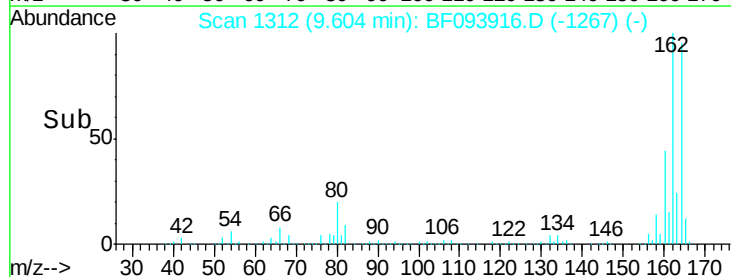
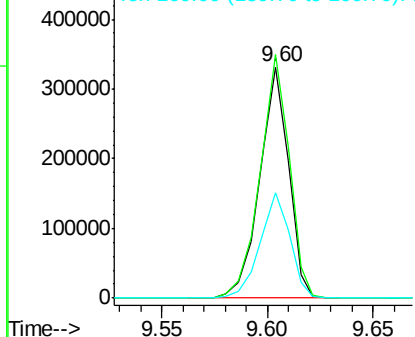


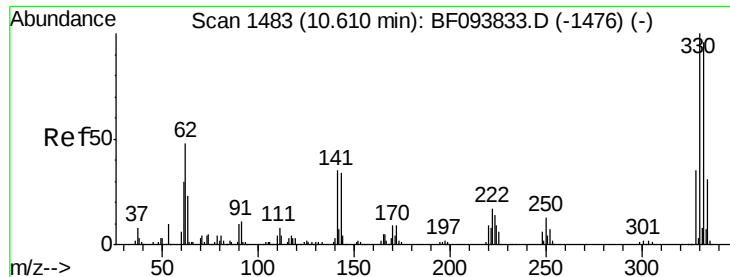
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF093916.D
 Acq: 24 Mar 2017 19:46

Tgt Ion: 164 Resp: 315786
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 45.8 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

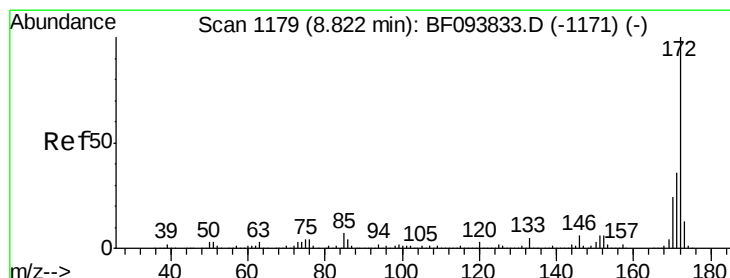
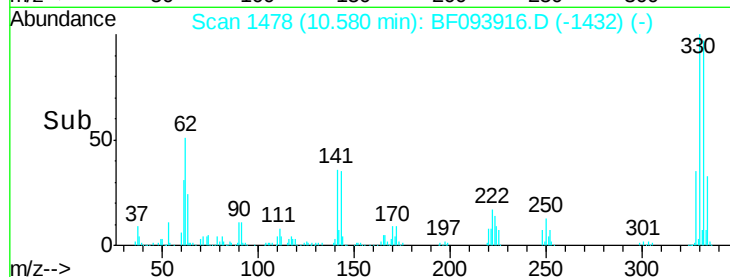
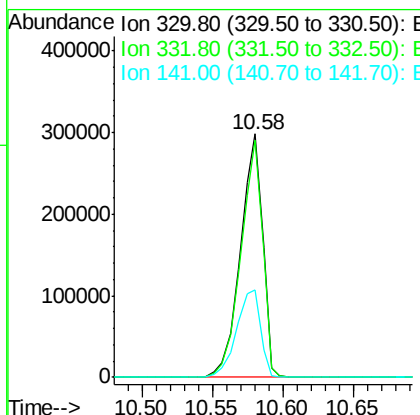
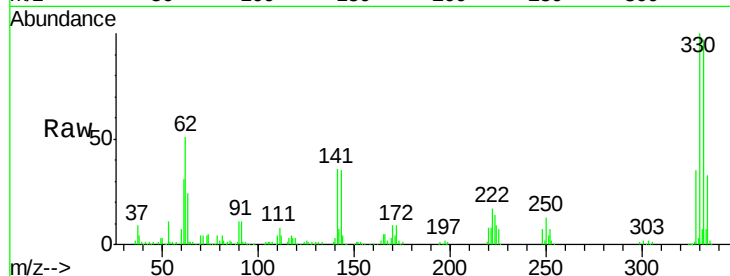




#41
 2,4,6-Tribromophenol
 Concen: 130.73 ng
 RT: 10.58 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF093916.D
 Acq: 24 Mar 2017 19:46

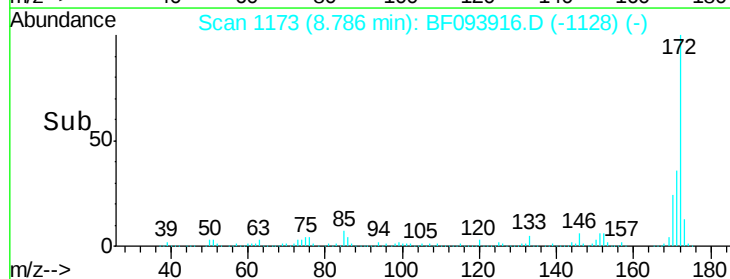
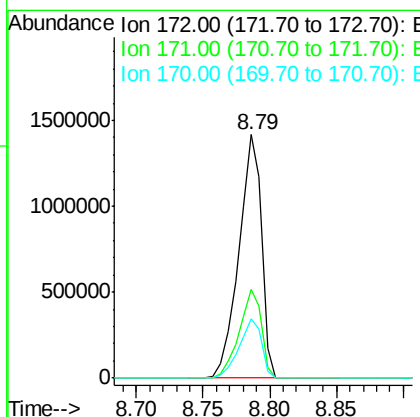
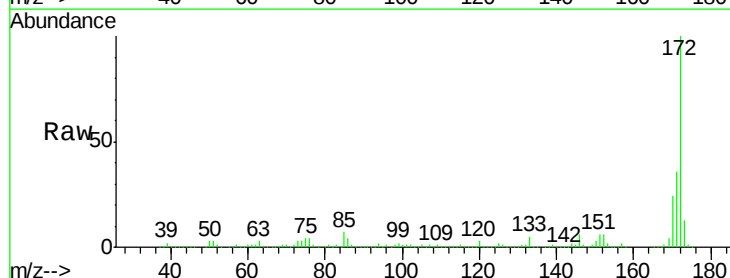
Instrument :
 BNA_F
 ClientSampleId :
 COMP3

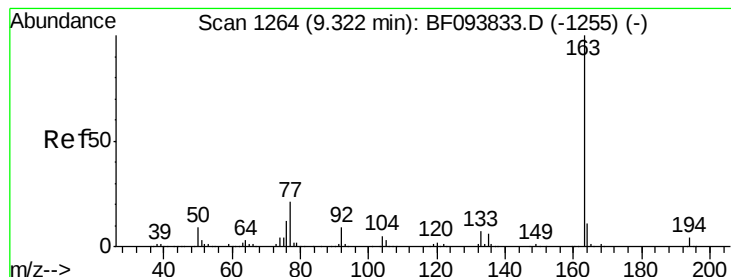
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	39.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 80.11 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093916.D
 Acq: 24 Mar 2017 19:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.8	29.8





#49

Dimethylphthalate

Concen: 5.09 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF093916.D

Acq: 24 Mar 2017 19:46

Instrument :

BNA_F

ClientSampleId :

COMP3

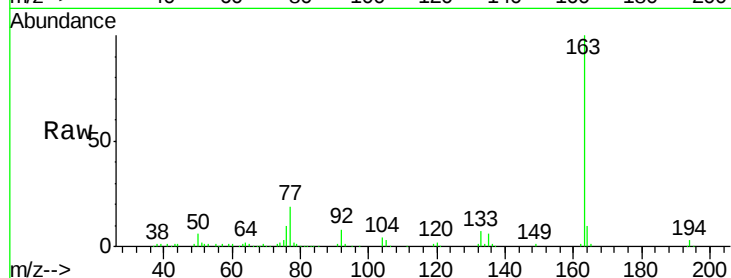
Tot Ion:163 Resp: 114226

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

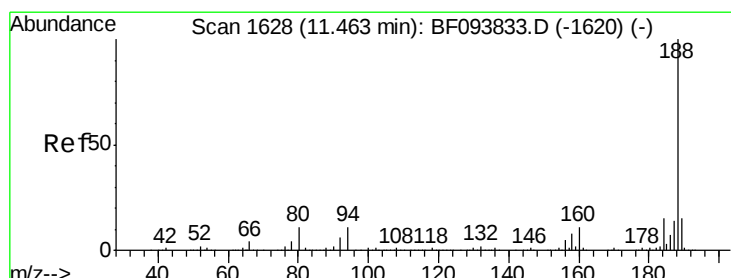
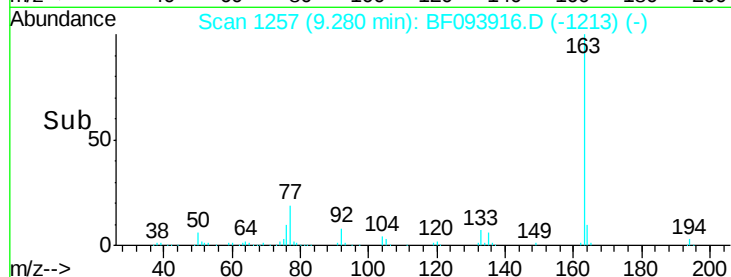
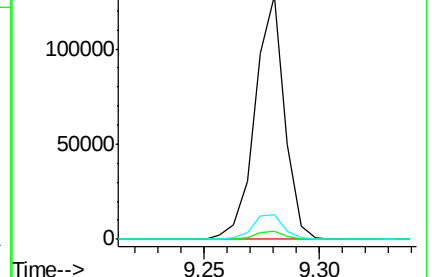
164 10.0 8.4 12.6



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: BF093916.D

Acq: 24 Mar 2017 19:46

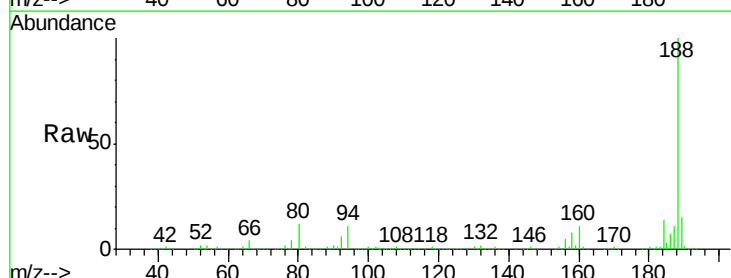
Tgt Ion:188 Resp: 574352

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

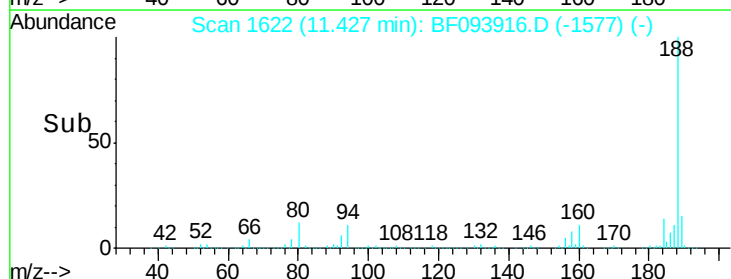
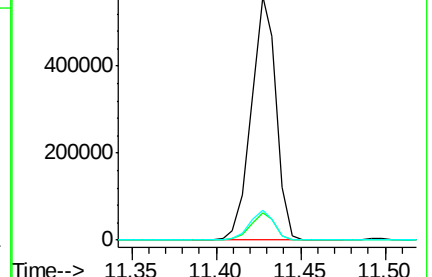
80 12.5 10.2 15.2

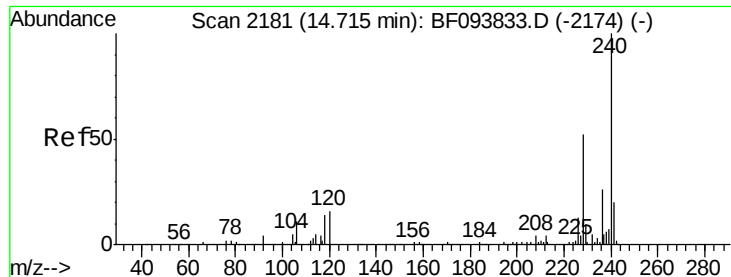


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF093916.D

Acq: 24 Mar 2017 19:46

Instrument :

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ClientSampleId :

COMP3

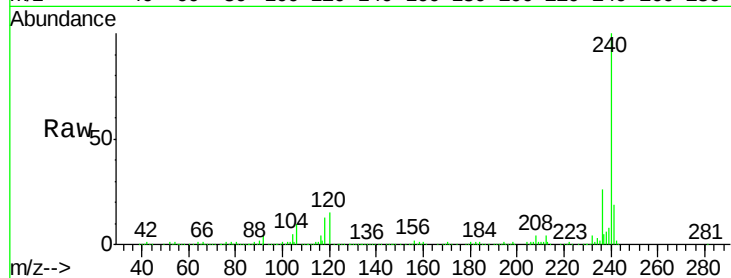
Tot Ion:240 Resp: 510636

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

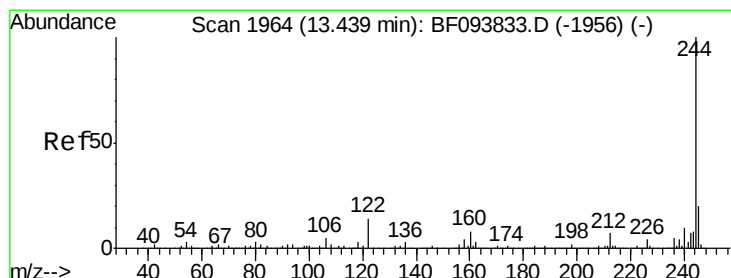
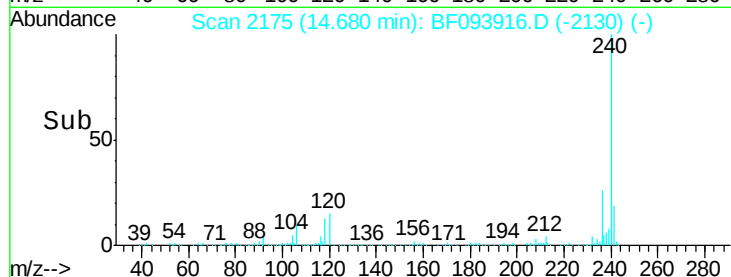
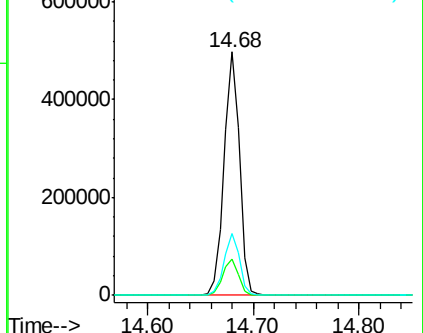
236 25.6 20.5 30.7



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: 62.37 ng

RT: 13.41 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BF093916.D

Acq: 24 Mar 2017 19:46

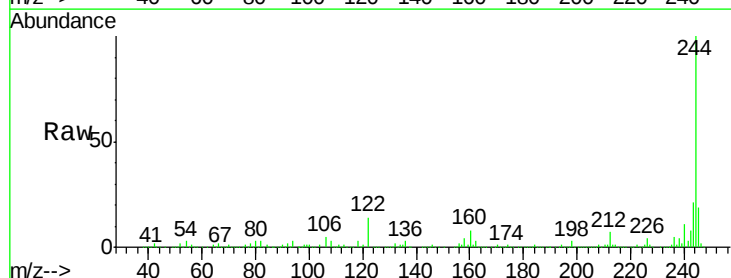
Tgt Ion:244 Resp: 1420841

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

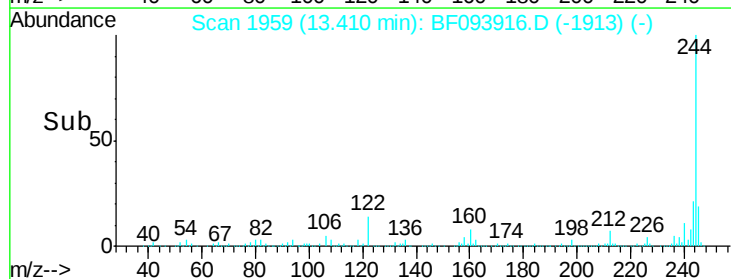
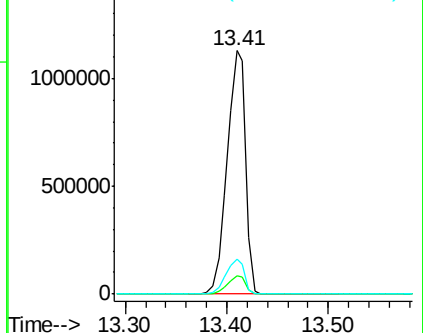
122 14.4 10.3 15.5

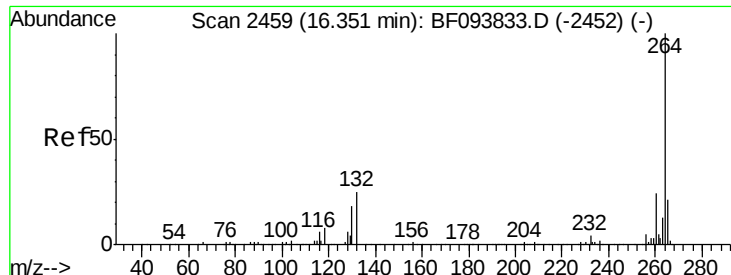


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF093916.D
 Acq: 24 Mar 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.4	17.2	25.8

