

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093936.D
 Acq On : 25 Mar 2017 4:53
 Operator : SJ/MA
 Sample : I2379-02 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: Mar 27 07:28:04 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	168054	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	654323	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	270318	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	403445	20.00	ng	-0.03
75) Chrysene-d12	14.68	240	327053	20.00	ng	-0.04
86) Perylene-d12	16.32	264	247375	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	253627	25.49	ng	-0.02
7) Phenol-d6	5.55	99	314748	25.57	ng	-0.02
23) Nitrobenzene-d5	6.60	82	178747	15.59	ng	-0.04
41) 2,4,6-Tribromophenol	10.57	330	46889	21.95	ng	-0.04
44) 2-Fluorobiphenyl	8.79	172	335447	18.93	ng	-0.04
78) Terphenyl-d14	13.40	244	201710	13.82	ng	-0.04

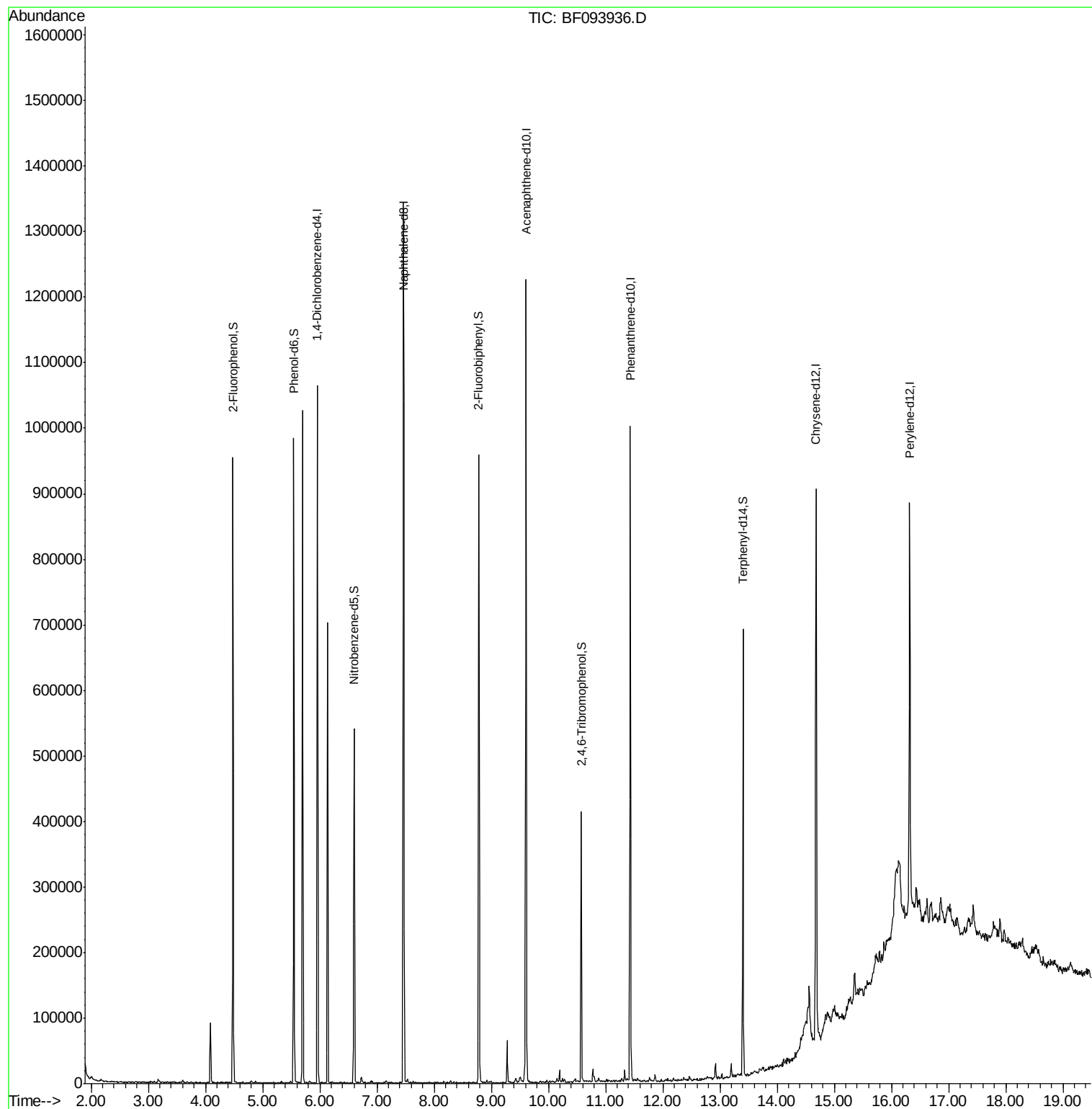
Target Compounds Qvalue

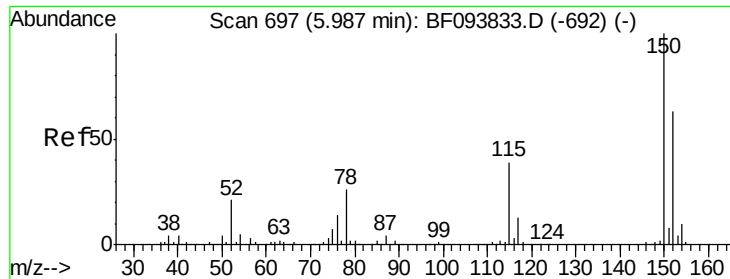
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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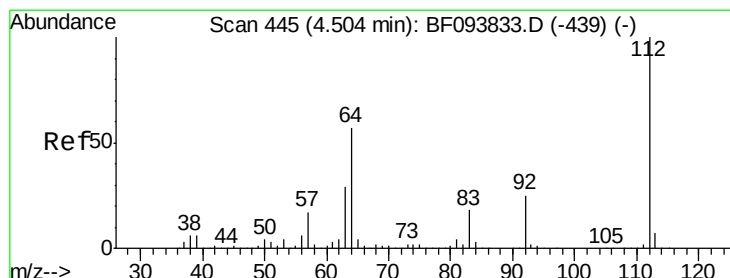
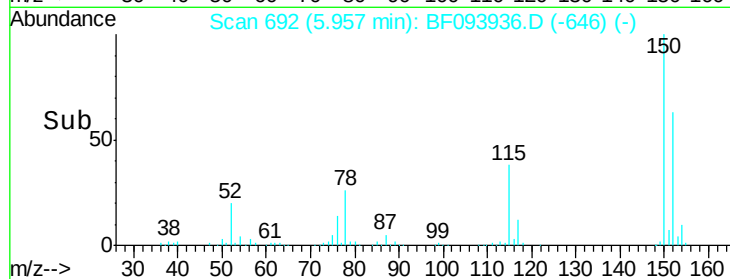
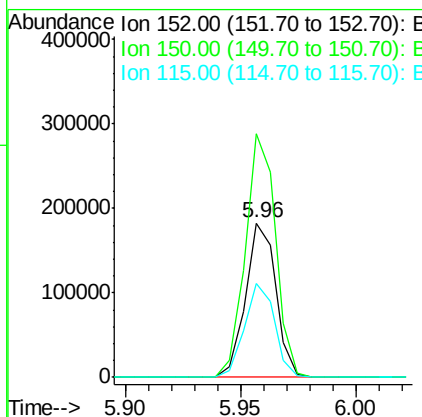
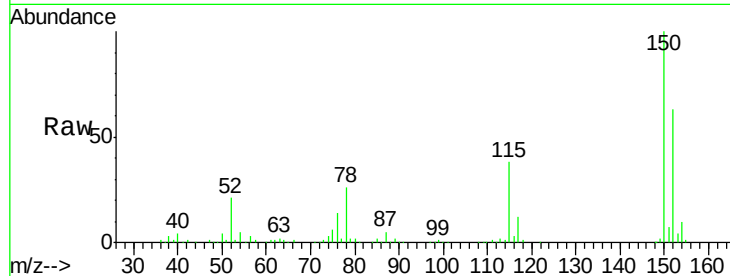


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093936.D
Acq: 25 Mar 2017 4:53

Instrument :
BNA_F
ClientSampled :
B-2

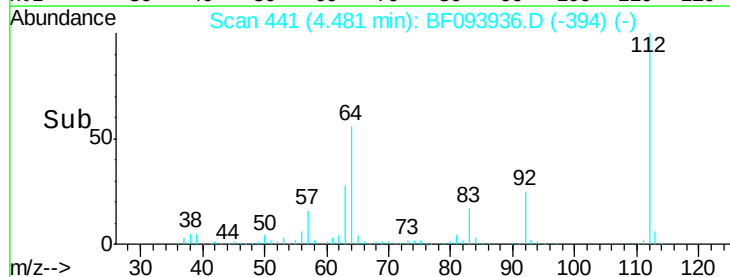
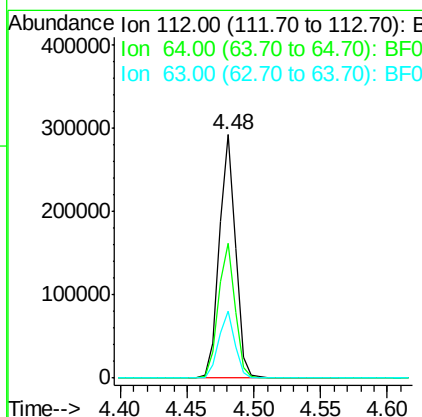
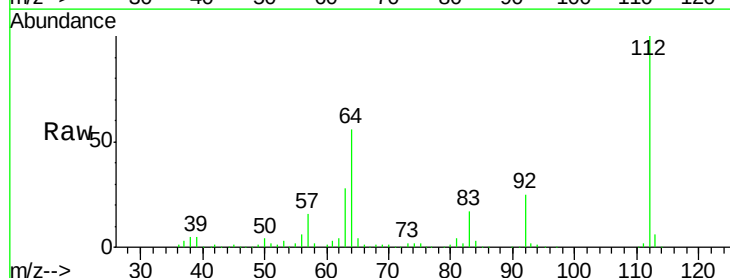
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	60.6	52.2	78.2

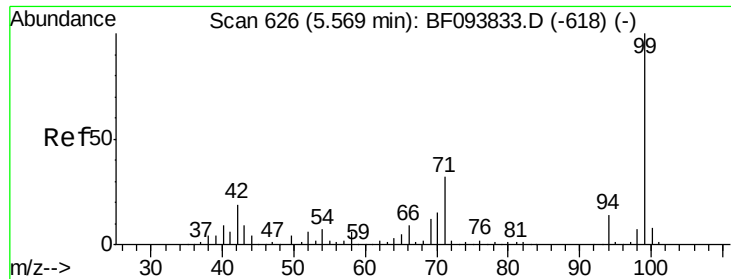


#5

2-Fluorophenol
Concen: 25.49 ng
RT: 4.48 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF093936.D
Acq: 25 Mar 2017 4:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	27.6	23.4	35.0





#7

Phenol-d6

Concen: 25.57 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093936.D

Acq: 25 Mar 2017 4:53

Instrument :

BNA_F

ClientSampleId :

B-2

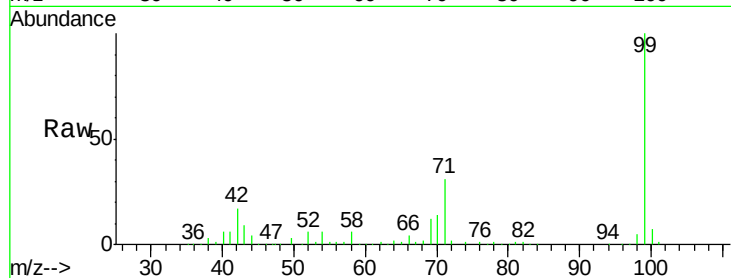
Tot Ion: 99 Resp: 314748

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

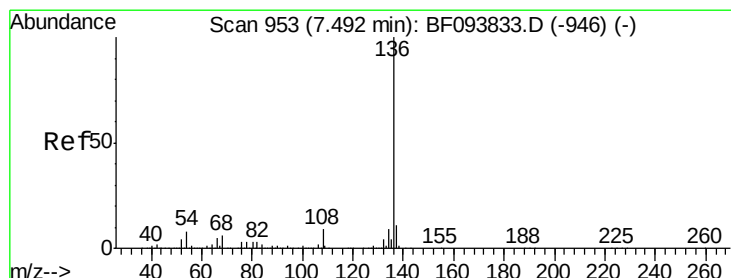
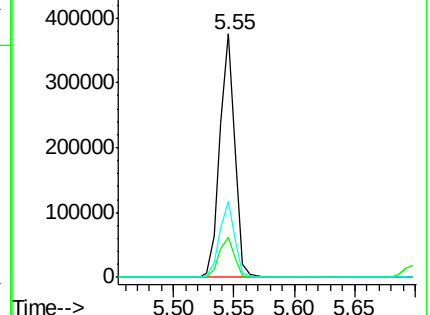
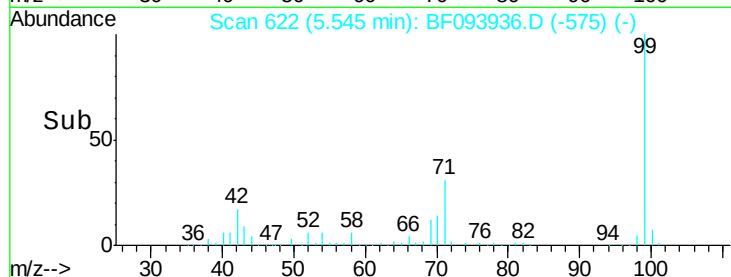
71 31.0 24.5 36.7



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: BF093936.D

Acq: 25 Mar 2017 4:53

Tgt Ion: 136 Resp: 654323

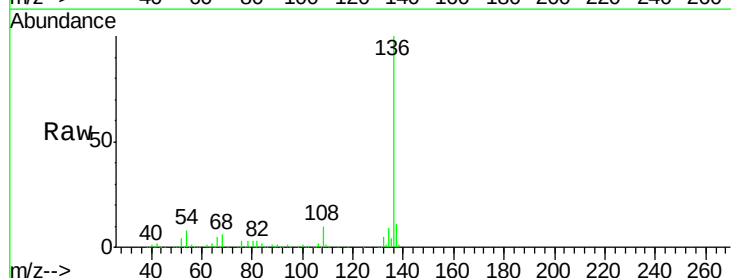
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.1 4.9 7.3#

68 6.5 4.1 6.1#

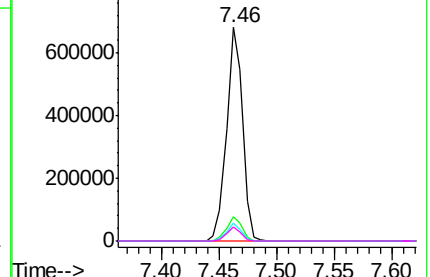
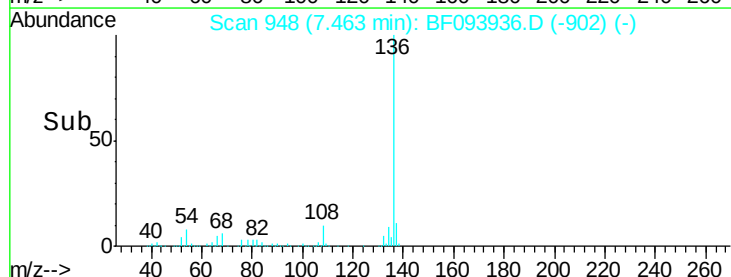


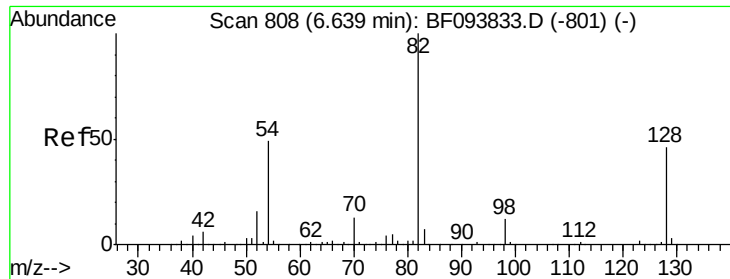
Abundance Ion 136.00 (135.70 to 136.70): E

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

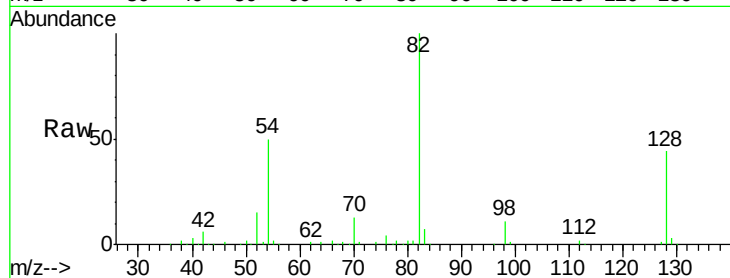




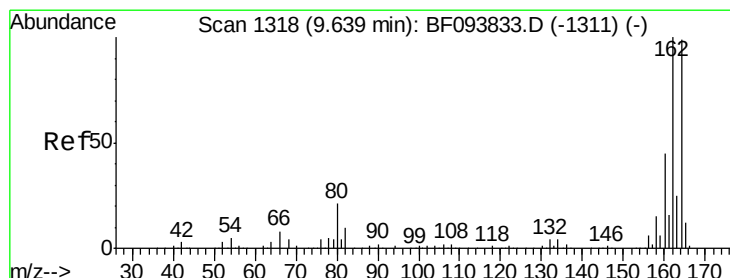
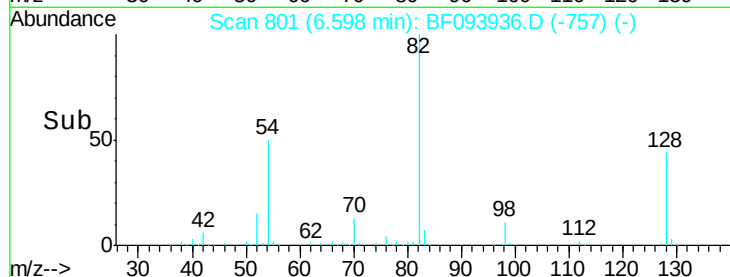
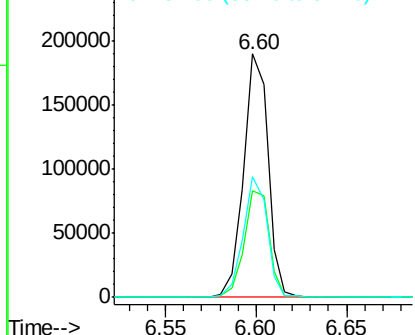
#23
 Nitrobenzene-d5
 Concen: 15.59 ng
 RT: 6.60 min Scan# 801
 Delta R.T. -0.04 min
 Lab File: BF093936.D
 Acq: 25 Mar 2017 4:53

Instrument :
 BNA_F
 ClientSampled :
 B-2

Tot Ion: 82 Resp: 178747
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.0 51.0
 54 49.7 42.2 63.2

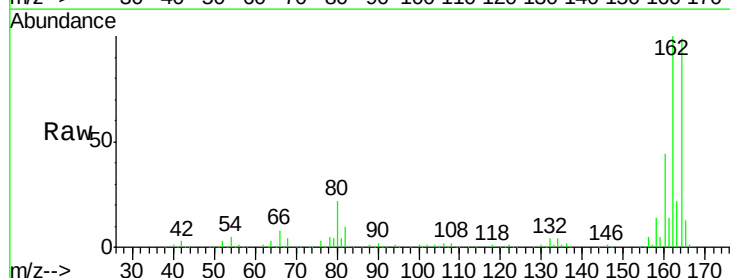


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

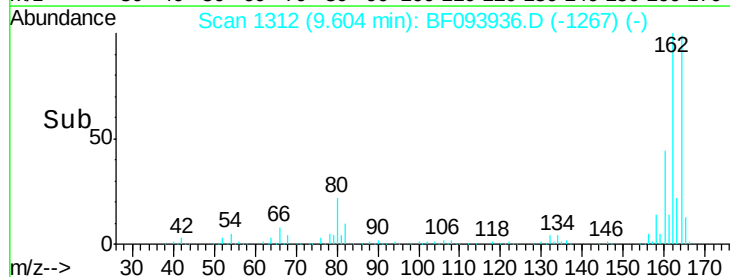
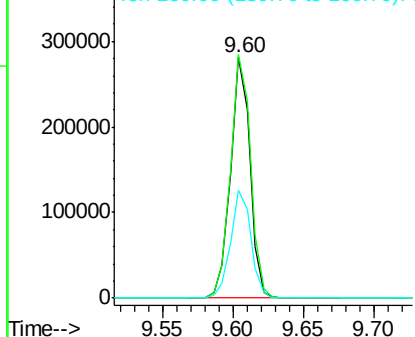


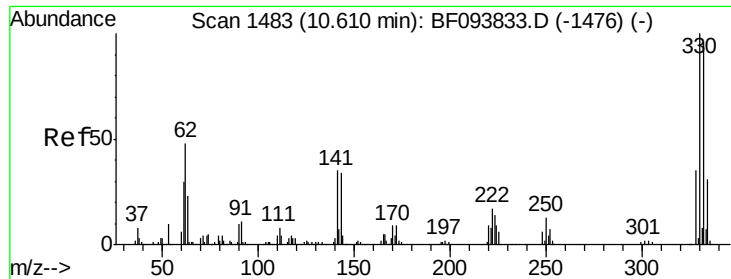
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF093936.D
 Acq: 25 Mar 2017 4:53

Tgt Ion: 164 Resp: 270318
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 44.9 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

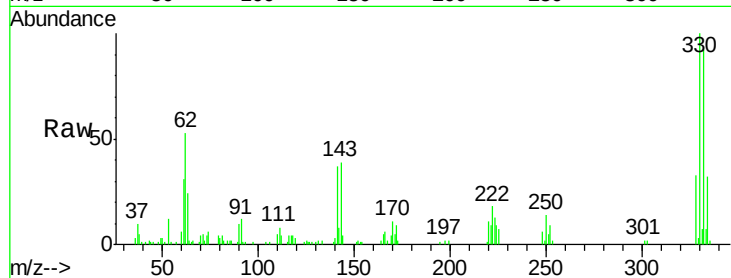




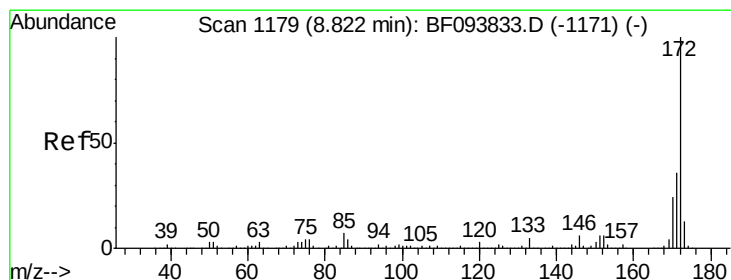
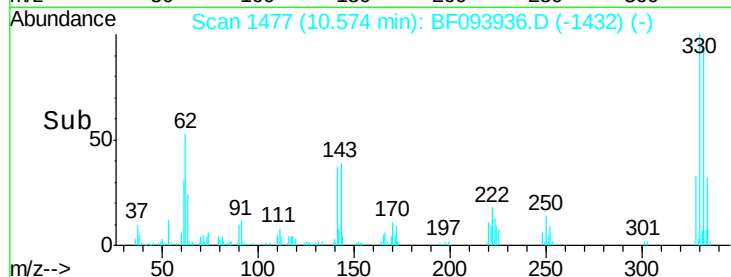
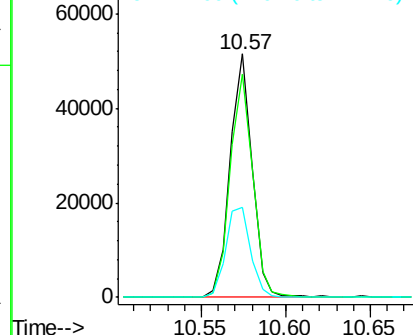
#41
 2,4,6-Tribromophenol
 Concen: 21.95 ng
 RT: 10.57 min Scan# 1477
 Delta R.T. -0.04 min
 Lab File: BF093936.D
 Acq: 25 Mar 2017 4:53

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	115.0
141	41.6	31.4	47.2

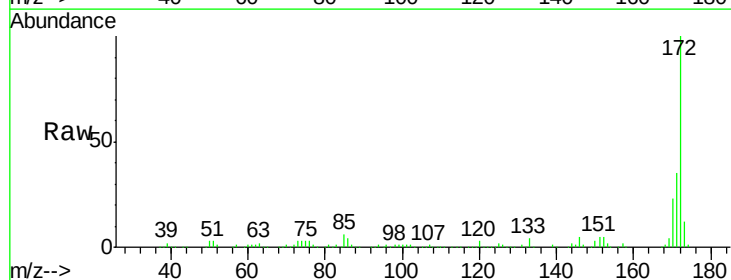


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

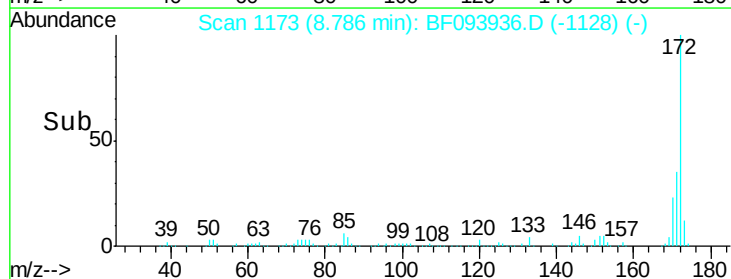
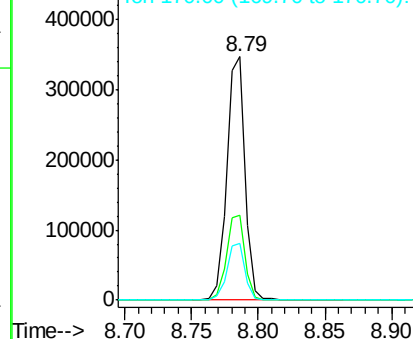


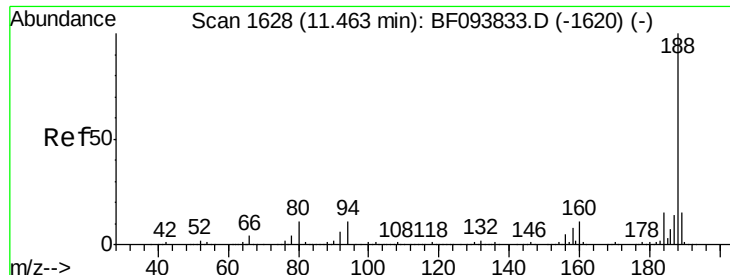
#44
 2-Fluorobiphenyl
 Concen: 18.93 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093936.D
 Acq: 25 Mar 2017 4:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.2	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

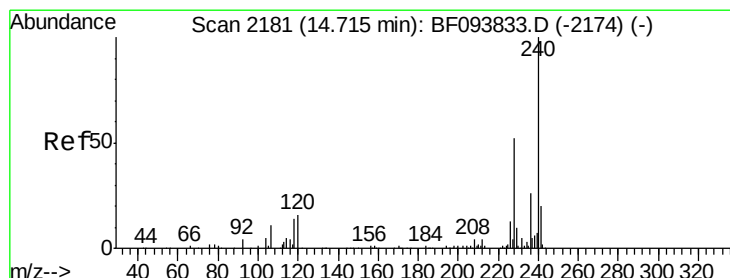
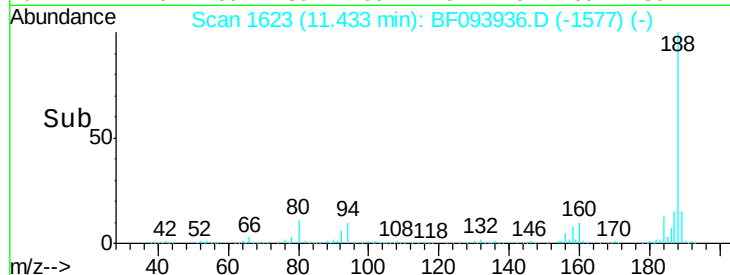
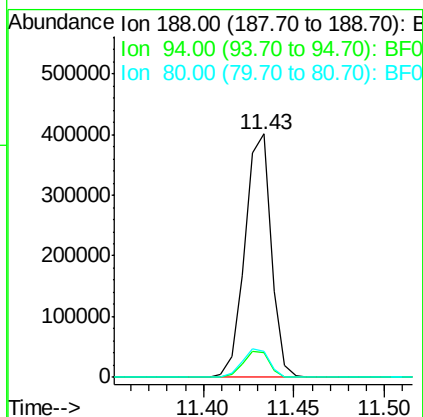
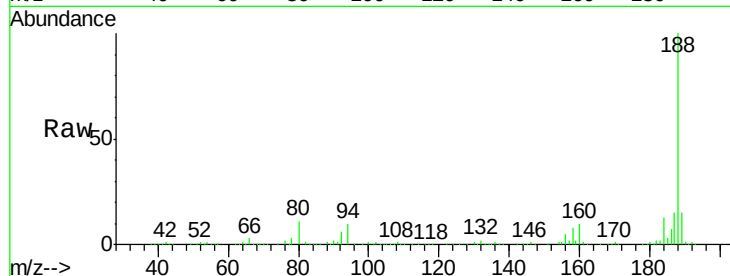




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.03 min
Lab File: BF093936.D
Acq: 25 Mar 2017 4:53

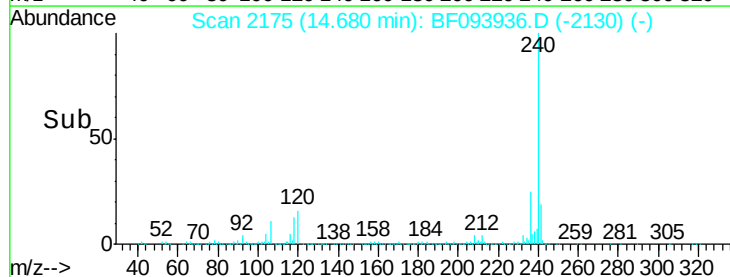
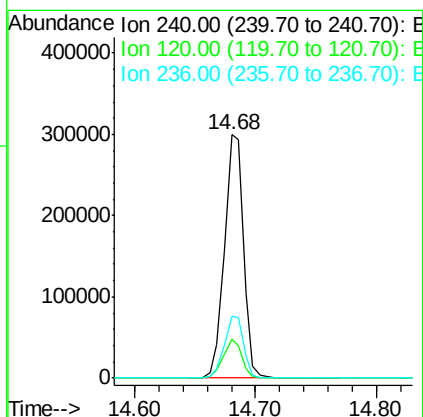
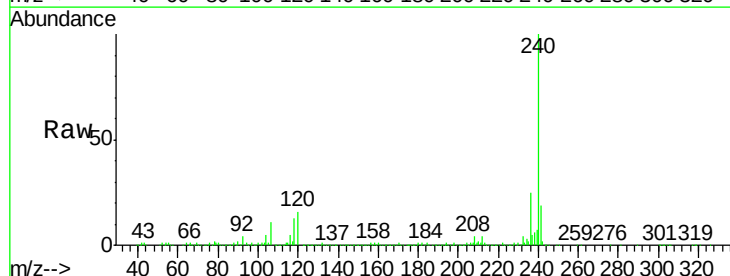
Instrument :
BNA_F
ClientSampled :
B-2

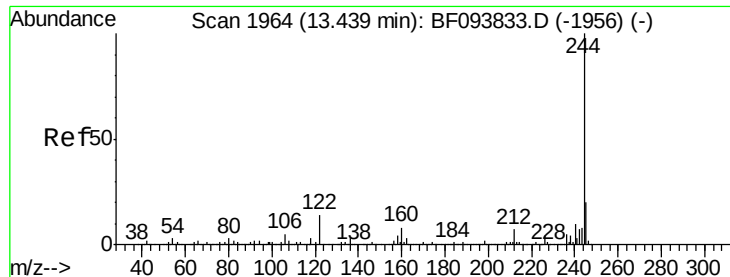
Tot Ion:188 Resp: 403445
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF093936.D
Acq: 25 Mar 2017 4:53

Tgt Ion:240 Resp: 327053
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.4 20.5 30.7





#78

Terphenyl-d14

Concen: 13.82 ng

RT: 13.40 min Scan# 1958

Delta R.T. -0.04 min

Lab File: BF093936.D

Acq: 25 Mar 2017 4:53

Instrument :

BNA_F

ClientSampleId :

B-2

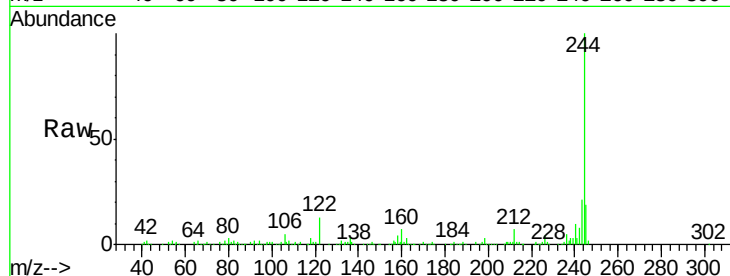
Tot Ion:244 Resp: 201710

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

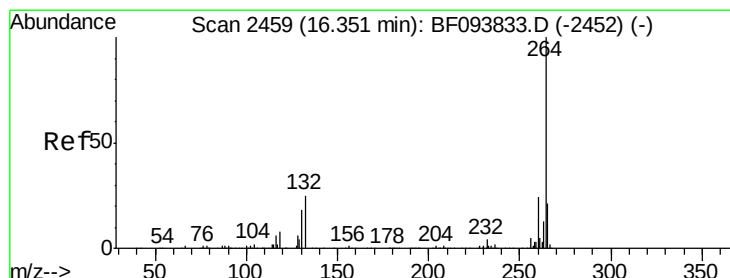
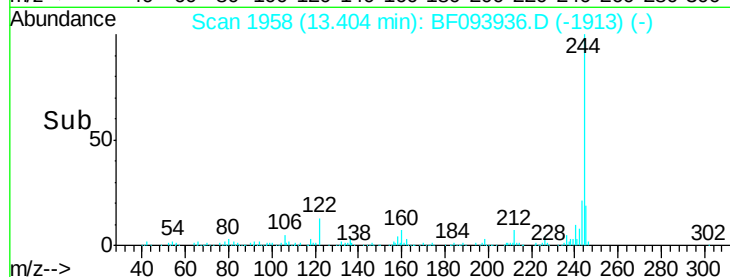
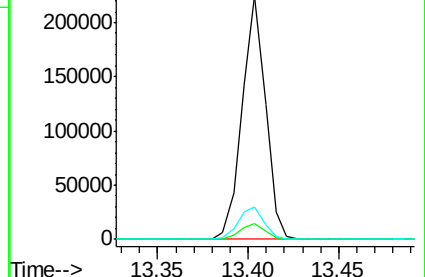
122 13.2 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.32 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BF093936.D

Acq: 25 Mar 2017 4:53

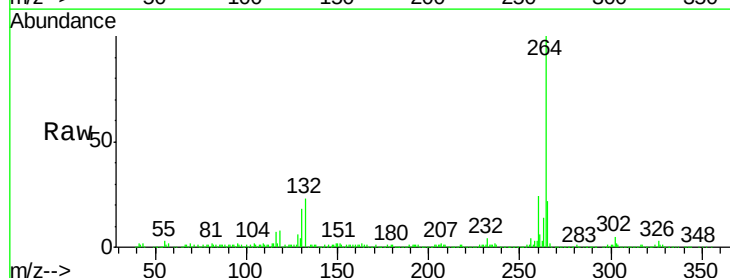
Tgt Ion:264 Resp: 247375

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.1 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

