

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096250.D
 Acq On : 28 Jun 2017 15:34
 Operator : SJ/MA
 Sample : I3880-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Quant Time: Jun 29 01:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

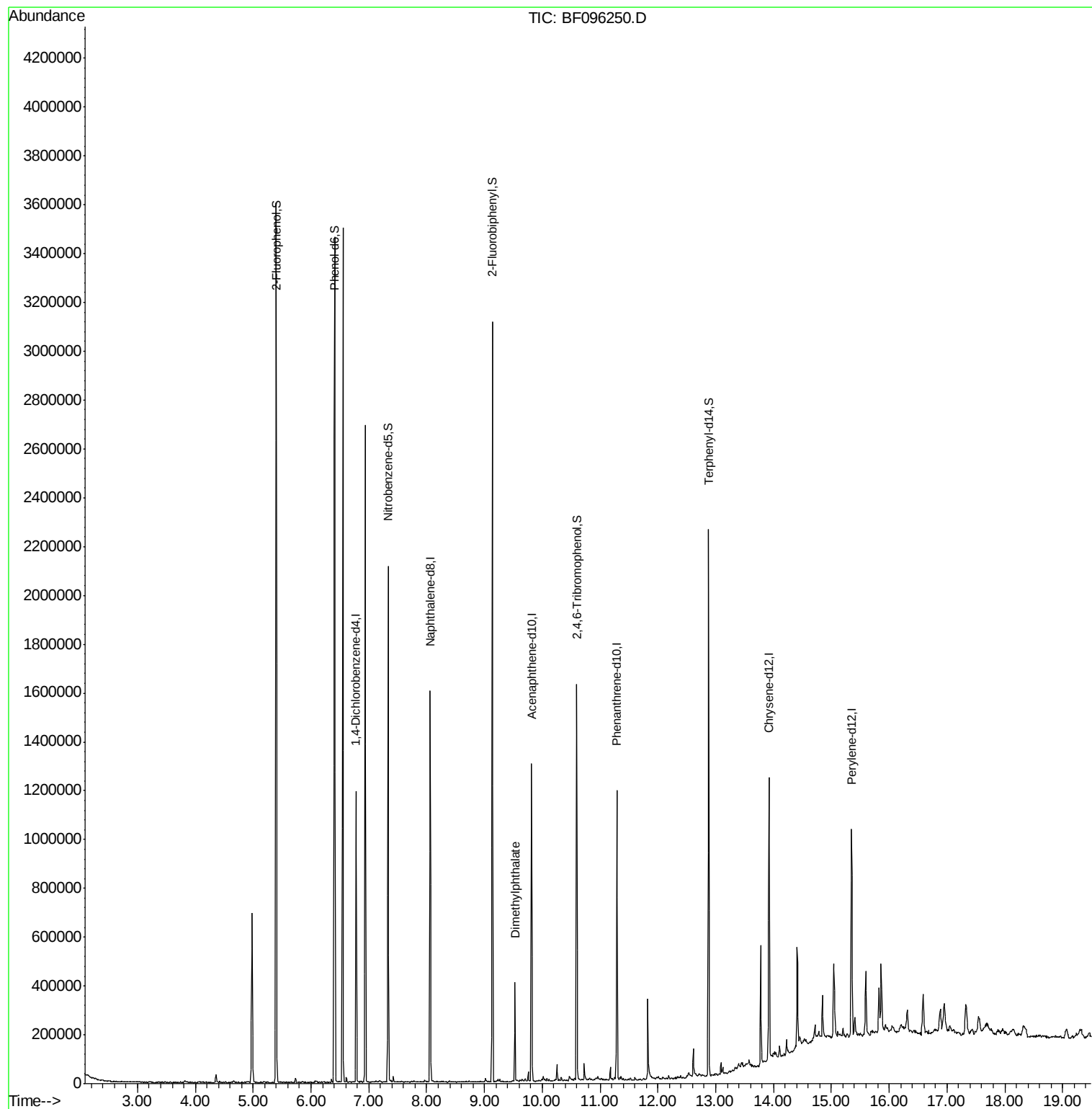
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	162342	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	644044	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	242457	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	370894	20.00	ng	0.00
75) Chrysene-d12	13.92	240	363630	20.00	ng	0.00
86) Perylene-d12	15.35	264	352405	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	941895	83.59	ng	0.02
7) Phenol-d6	6.41	99	1116382	81.82	ng	0.02
23) Nitrobenzene-d5	7.34	82	613865	65.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	193995	101.67	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	957840	72.35	ng	-0.01
78) Terphenyl-d14	12.88	244	706337	48.47	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	143688	8.28	ng	97

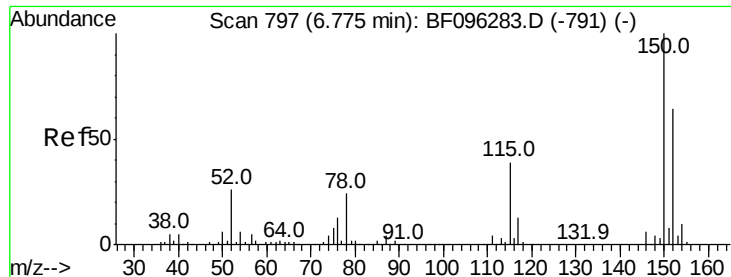
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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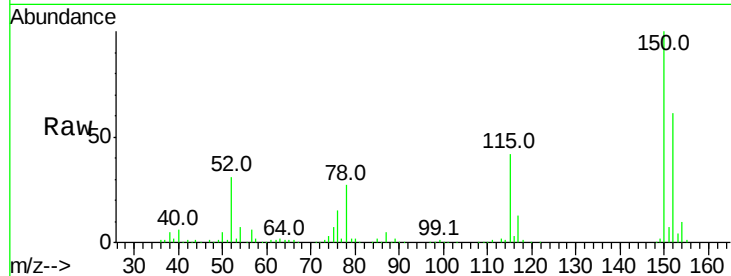


#1

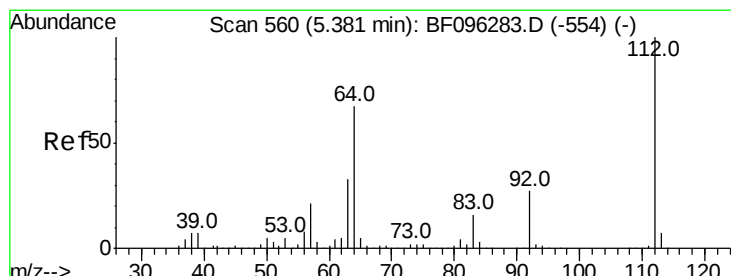
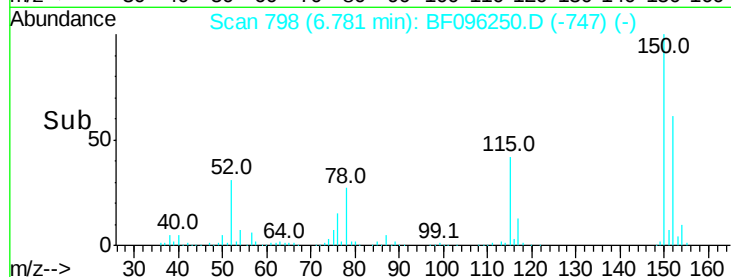
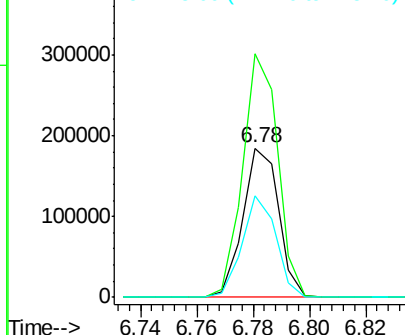
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096250.D
Acq: 28 Jun 2017 15:34

Instrument :
BNA_F
ClientSampleId :
TS-1

Tot Ion:152 Resp: 162342
Ion Ratio Lower Upper
152 100
150 162.9 126.2 189.2
115 68.2 52.2 78.2



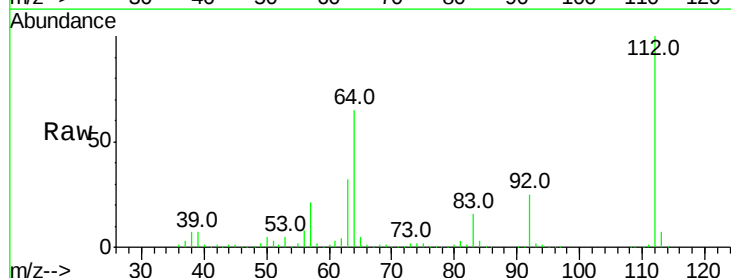
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



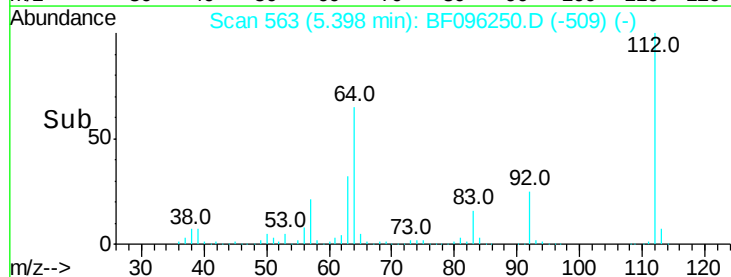
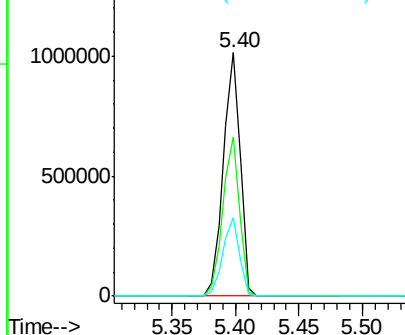
#5

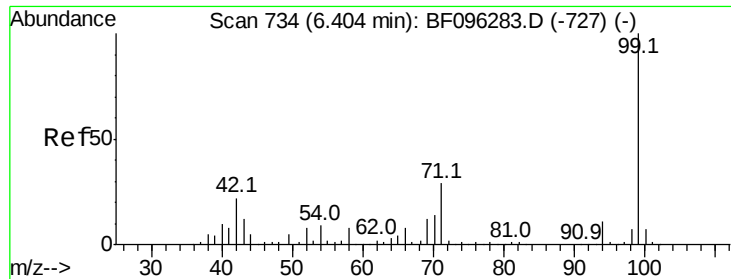
2-Fluorophenol
Concen: 83.59 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF096250.D
Acq: 28 Jun 2017 15:34

Tgt Ion:112 Resp: 941895
Ion Ratio Lower Upper
112 100
64 65.4 46.0 69.0
63 32.5 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: 81.82 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096250.D

Acq: 28 Jun 2017 15:34

Instrument :

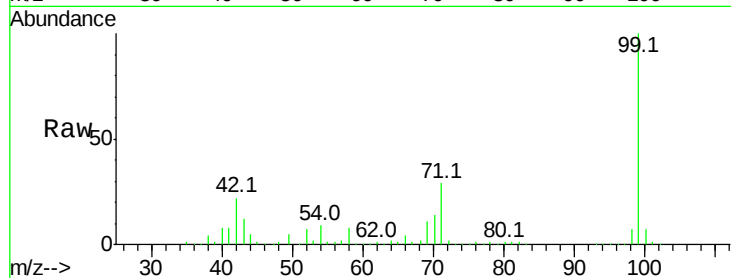
BNA_F

ClientSampleId :

TS-1

Tot Ion: 99 Resp: 1116382

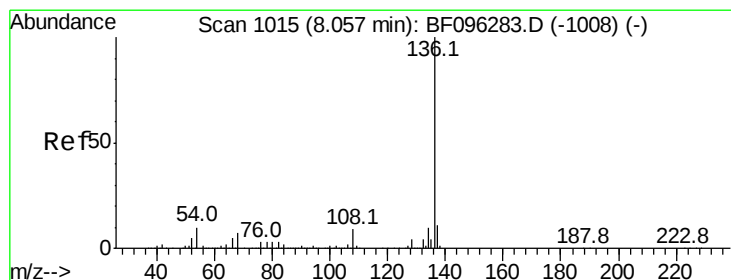
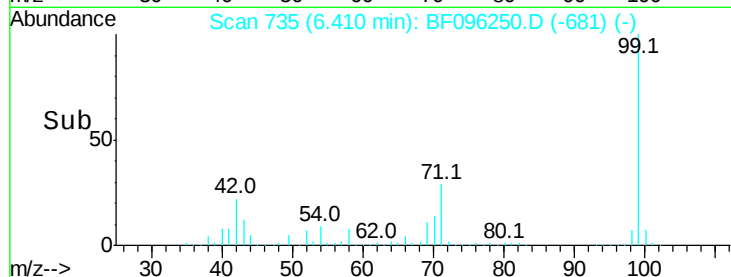
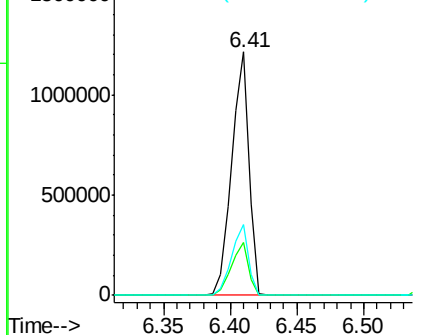
Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.5	20.3#
71	29.0	24.5	36.7



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: 8.06 min Scan# 1016

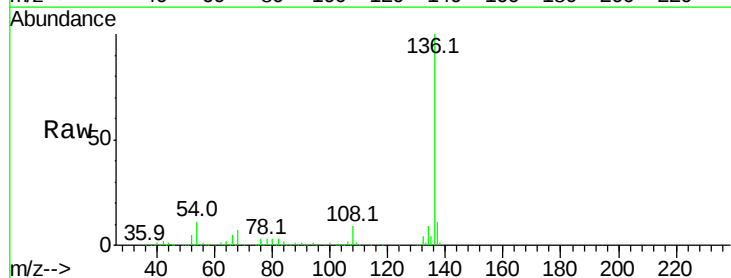
Delta R.T. 0.01 min

Lab File: BF096250.D

Acq: 28 Jun 2017 15:34

Tgt Ion: 136 Resp: 644044

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.7	4.9	7.3#
68	6.7	4.1	6.1#

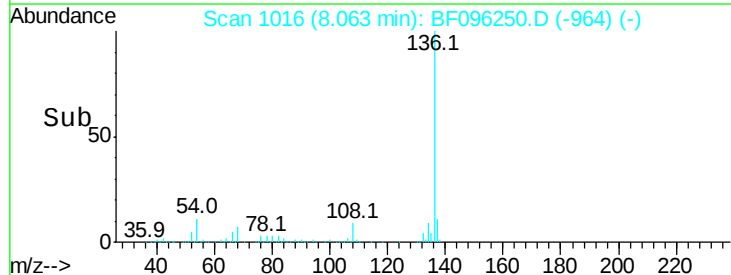
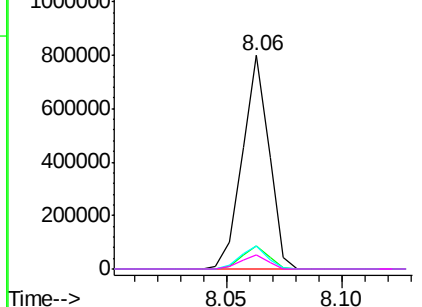


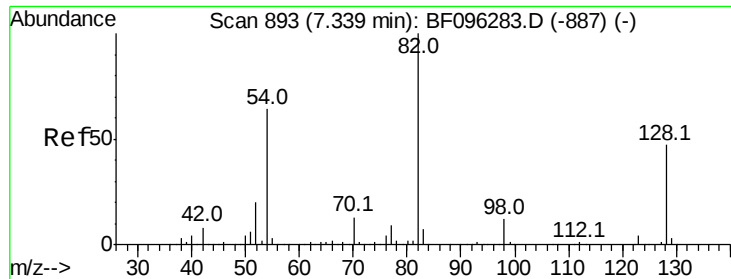
Abundance Ion 136.00 (135.70 to 136.70): E

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

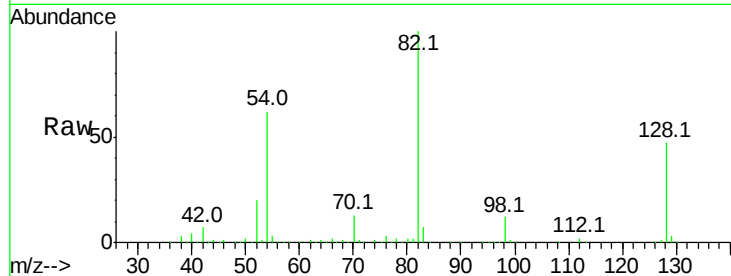




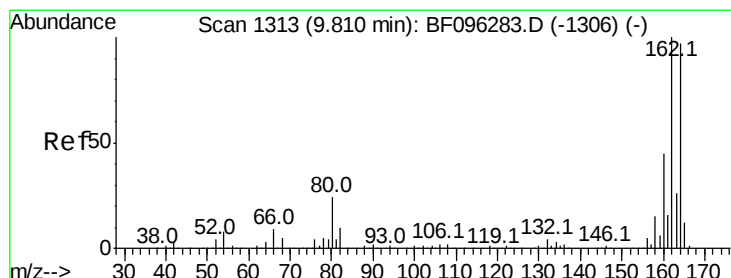
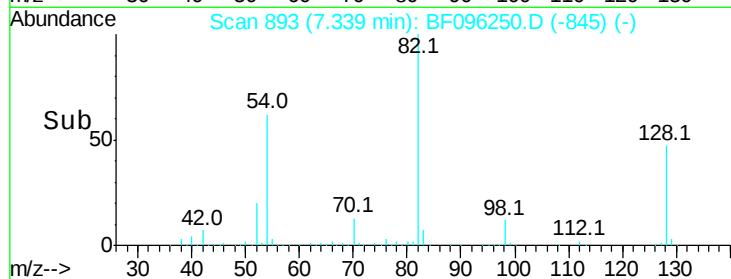
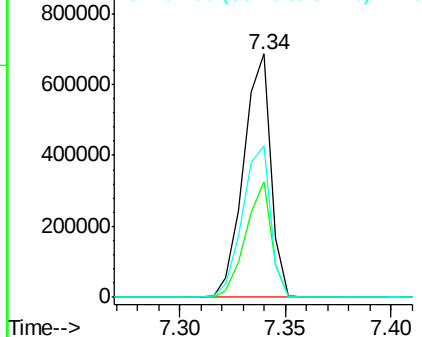
#23
 Nitrobenzene-d5
 Concen: 65.98 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF096250.D
 Acq: 28 Jun 2017 15:34

Instrument :
 BNA_F
 ClientSampled :
 TS-1

Tot Ion	82	Resp	613865
Ion Ratio	Lower	Upper	
82	100		
128	47.5	34.0	51.0
54	62.2	42.2	63.2

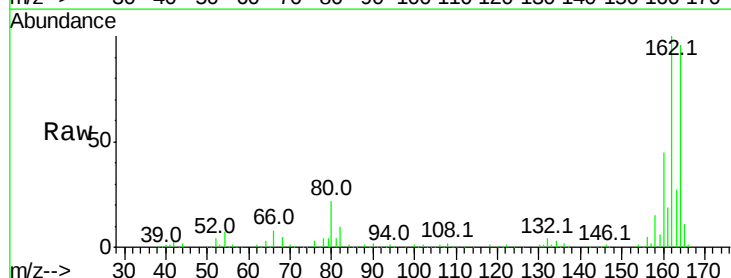


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

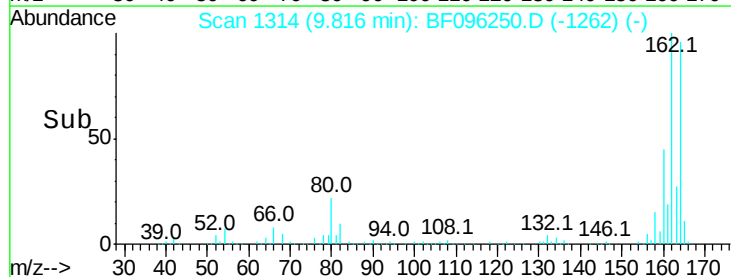
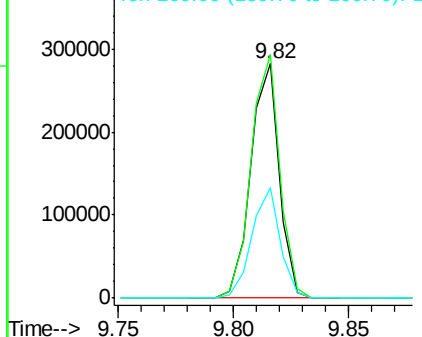


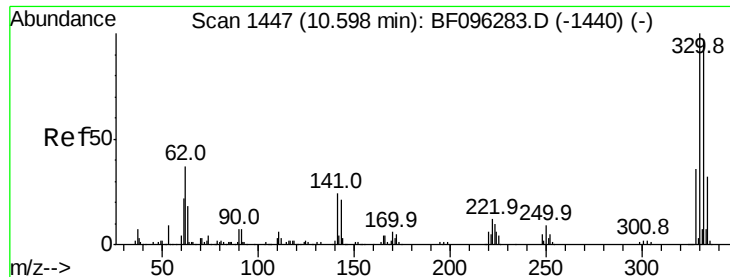
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096250.D
 Acq: 28 Jun 2017 15:34

Tgt Ion	164	Resp	242457
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

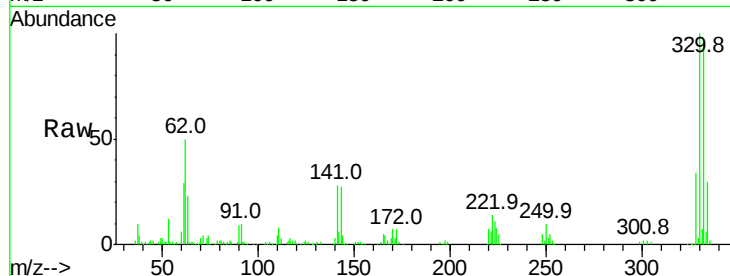




#41
 2,4,6-Tribromophenol
 Concen: 101.67 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096250.D
 Acq: 28 Jun 2017 15:34

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	31.5	31.4	47.2

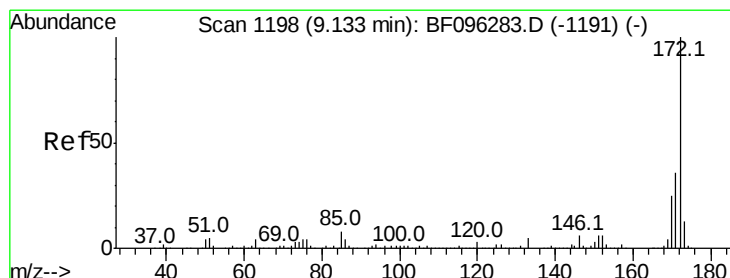
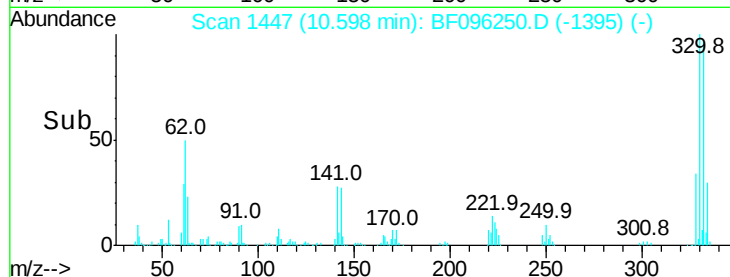
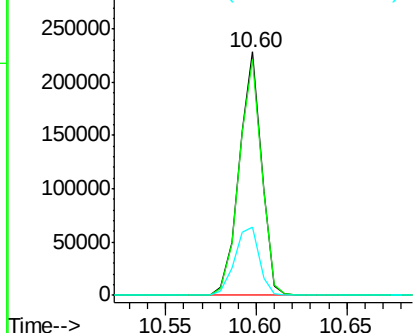


Abundance

Ion 329.80 (329.50 to 330.50): E

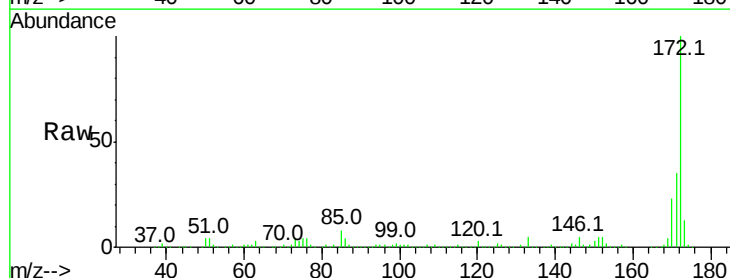
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.35 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096250.D
 Acq: 28 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.4	19.8	29.8

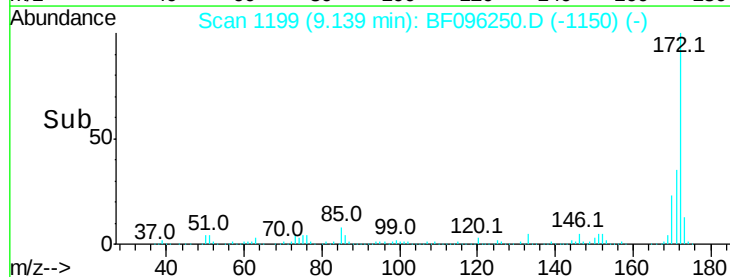
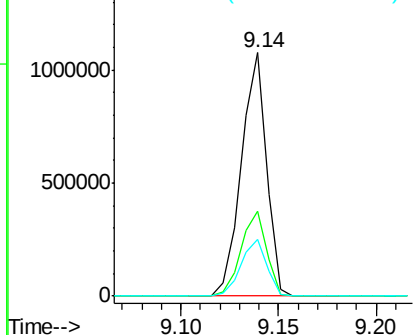


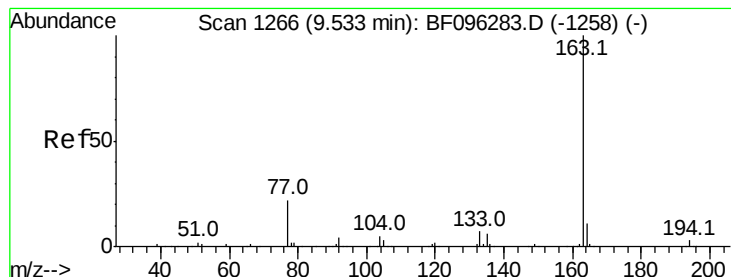
Abundance

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: 8.28 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF096250.D

Acq: 28 Jun 2017 15:34

Instrument :

BNA_F

ClientSampleId :

TS-1

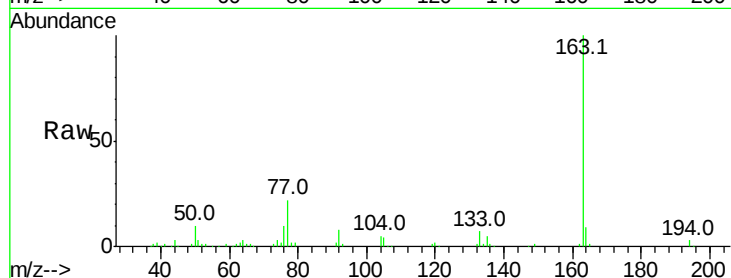
Tot Ion:163 Resp: 143688

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

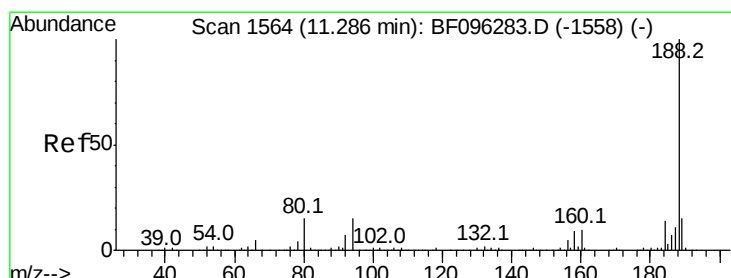
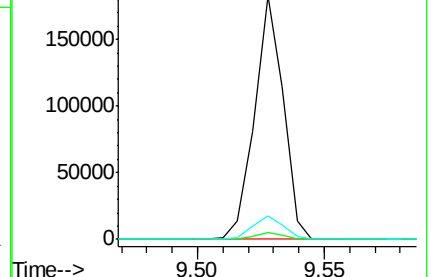
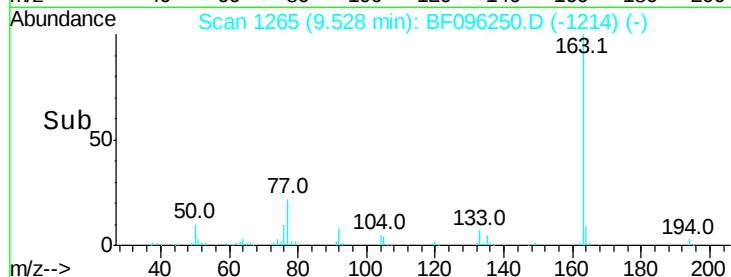
164 9.4 8.4 12.6



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: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BF096250.D

Acq: 28 Jun 2017 15:34

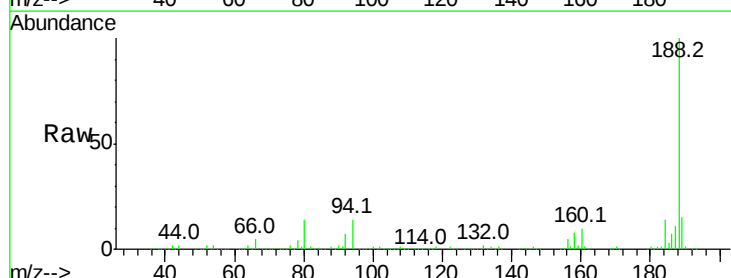
Tgt Ion:188 Resp: 370894

Ion Ratio Lower Upper

188 100

94 14.1 9.4 14.2

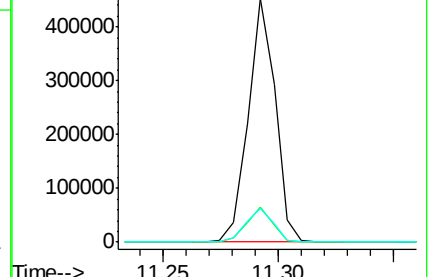
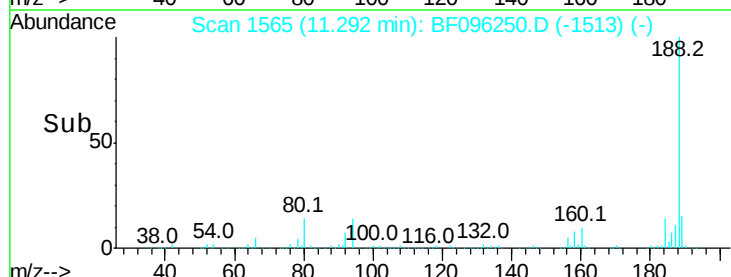
80 14.1 10.2 15.2

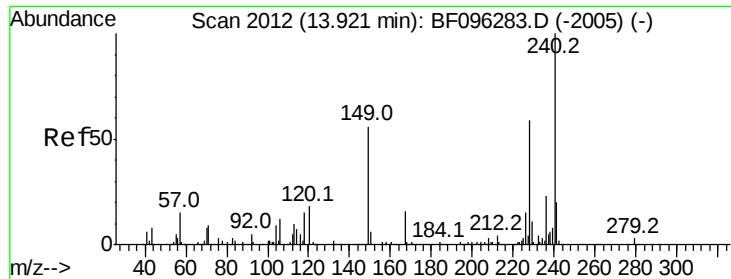


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096250.D

Acq: 28 Jun 2017 15:34

Instrument :

BNA_F

ClientSampleId :

TS-1

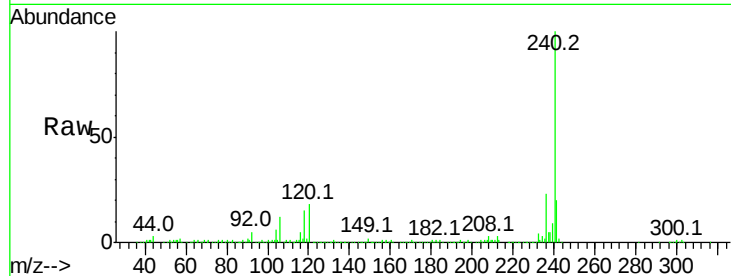
Tot Ion:240 Resp: 363630

Ion Ratio Lower Upper

240 100

120 17.7 5.8 8.8#

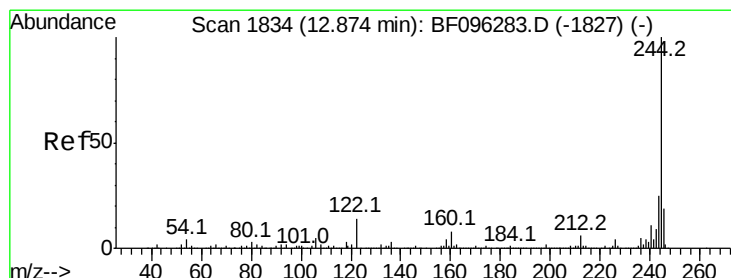
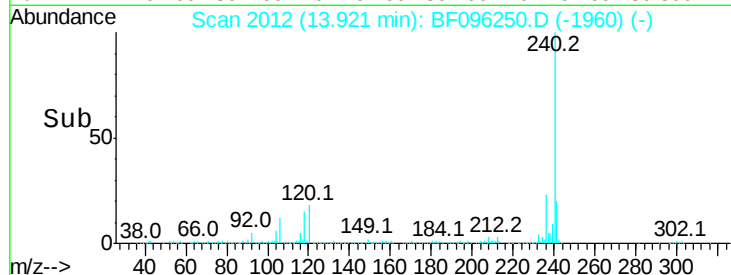
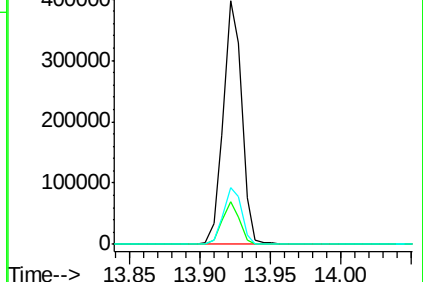
236 23.5 20.5 30.7



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: 48.47 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF096250.D

Acq: 28 Jun 2017 15:34

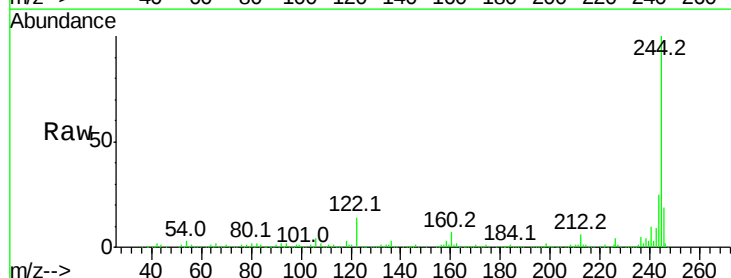
Tgt Ion:244 Resp: 706337

Ion Ratio Lower Upper

244 100

212 6.0 6.0 9.0#

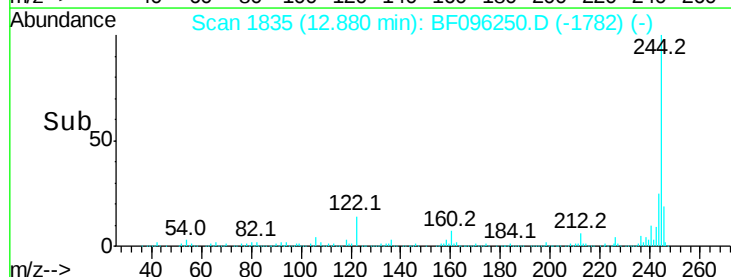
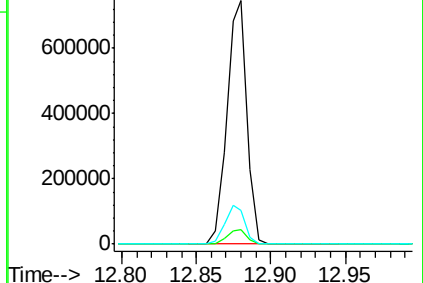
122 13.7 10.3 15.5

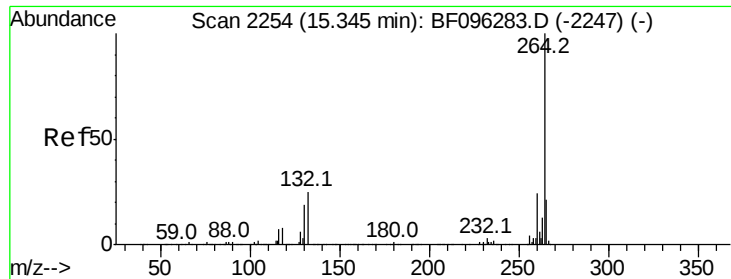


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 2255
 Delta R.T. 0.01 min
 Lab File: BF096250.D
 Acq: 28 Jun 2017 15:34

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.3	19.5	29.3	
265	21.3	17.2	25.8	

