

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097796.D
 Acq On : 17 Aug 2017 19:58
 Operator : SJ/JU
 Sample : I4817-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081517

Quant Time: Aug 18 03:35:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

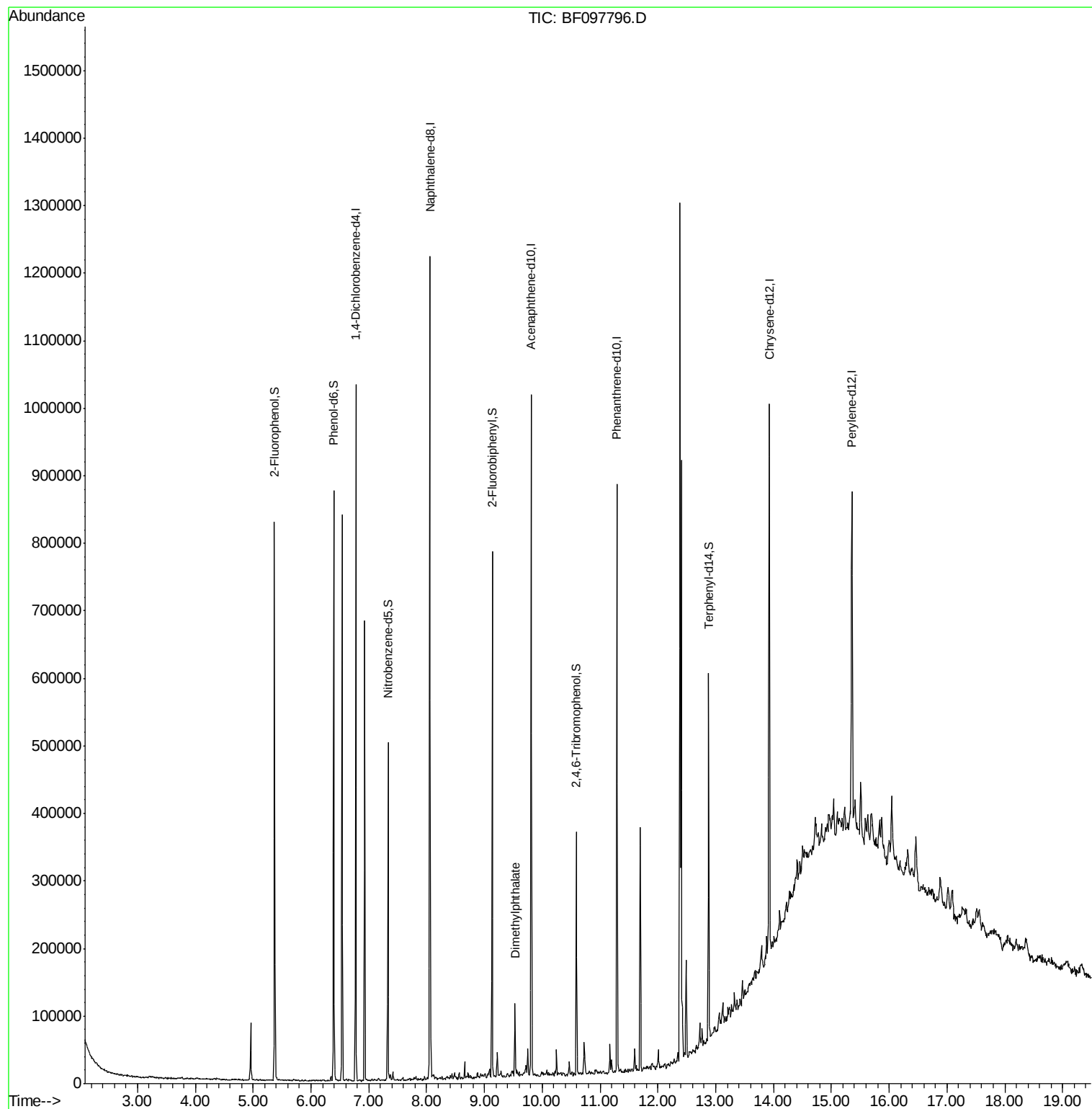
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126016	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	453040	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	163375	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	262150	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	274483	20.00	ng	-0.01
86) Perylene-d12	15.36	264	224128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	208575	25.18	ng	-0.02
7) Phenol-d6	6.39	99	270346	24.02	ng	-0.02
23) Nitrobenzene-d5	7.33	82	155461	18.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	28055	19.79	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	205710	18.50	ng	-0.01
78) Terphenyl-d14	12.87	244	142400	10.82	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	30028	2.514	ng	99

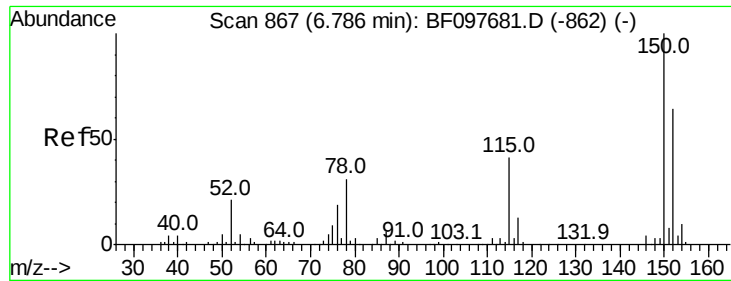
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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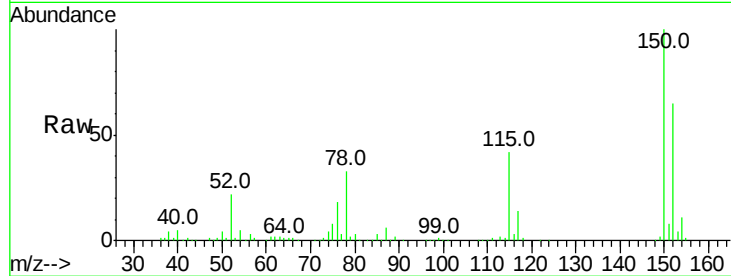


#1

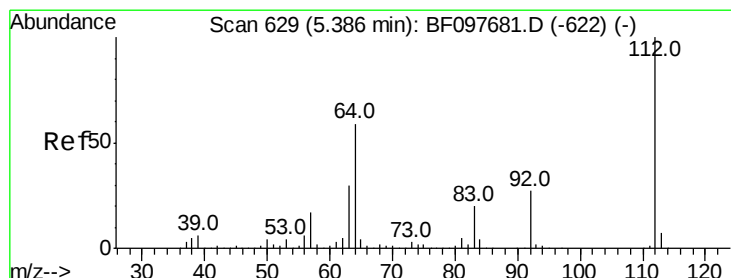
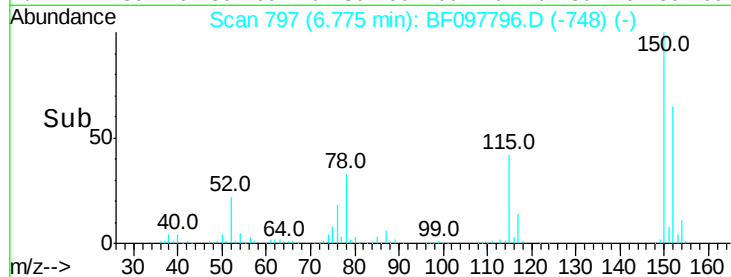
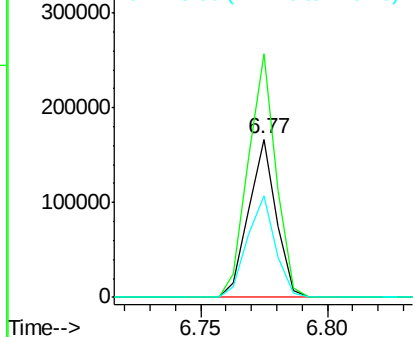
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097796.D
 Acq: 17 Aug 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081517

Tot Ion:152 Resp: 126016
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.2 189.2
 115 64.6 52.2 78.2



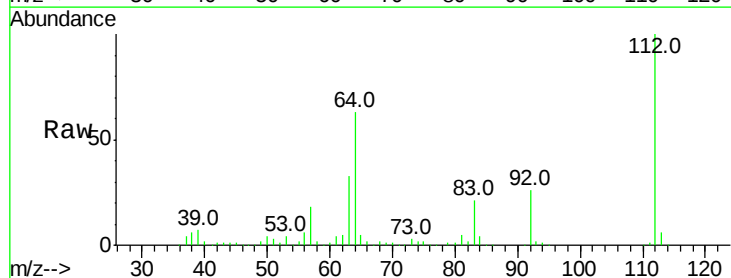
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



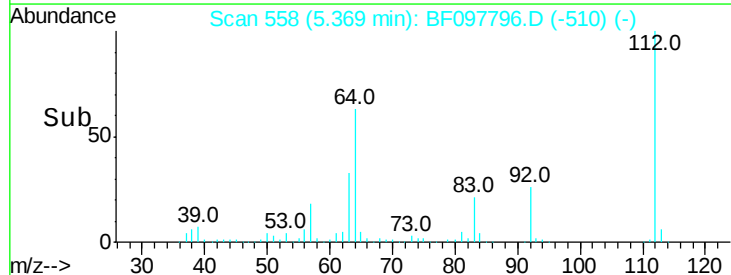
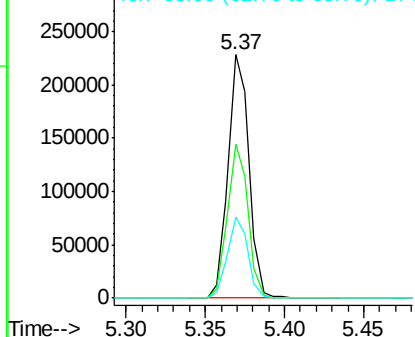
#5

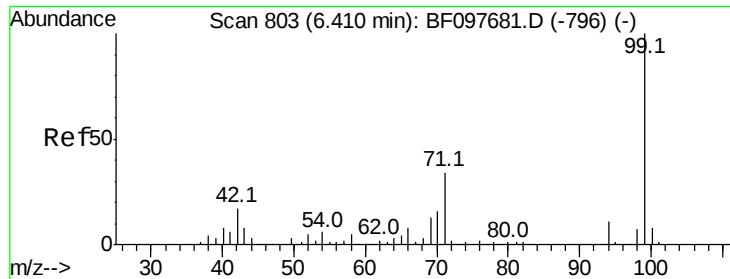
2-Fluorophenol
 Concen: 25.176 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF097796.D
 Acq: 17 Aug 2017 19:58

Tgt Ion:112 Resp: 208575
 Ion Ratio Lower Upper
 112 100
 64 63.2 46.0 69.0
 63 33.5 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: 24.017 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF097796.D

Acq: 17 Aug 2017 19:58

Instrument :

BNA_F

ClientSampleId :

SU-03-081517

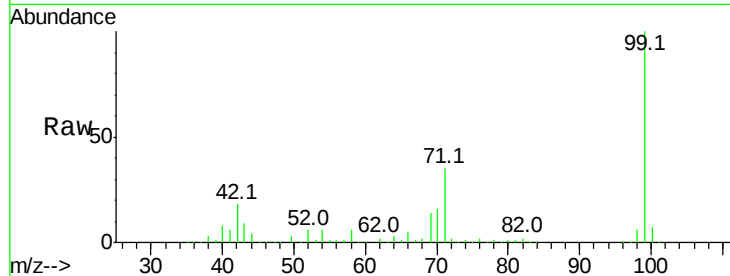
Tot Ion: 99 Resp: 270346

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

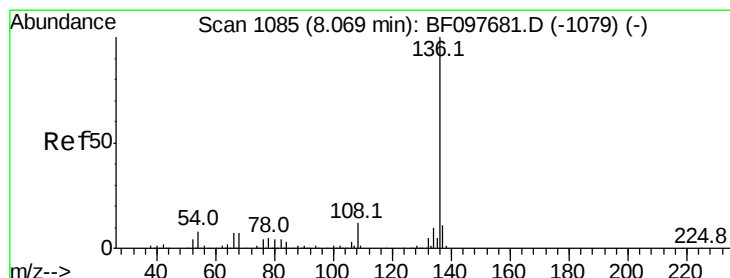
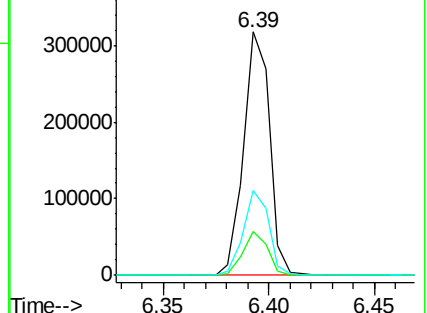
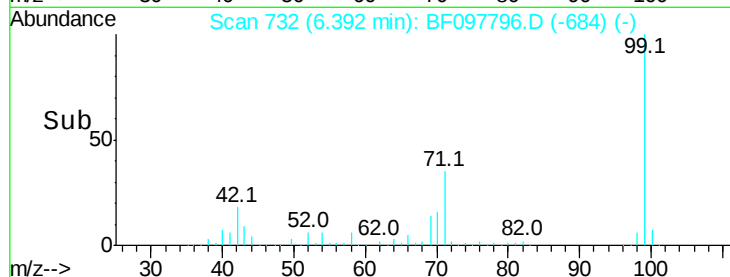
71 35.0 24.5 36.7



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: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097796.D

Acq: 17 Aug 2017 19:58

Tgt Ion: 136 Resp: 453040

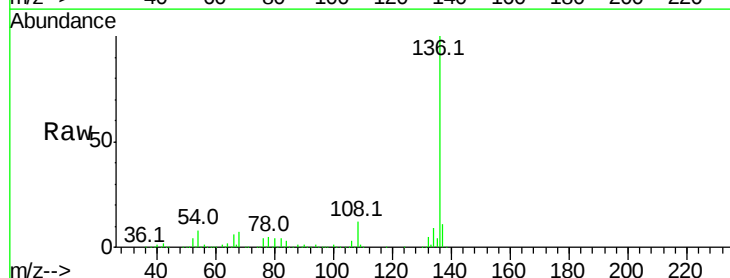
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.8 4.9 7.3#

68 7.2 4.1 6.1#

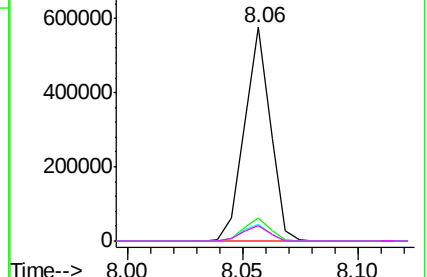
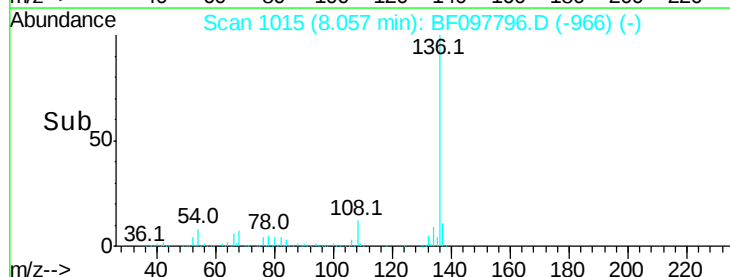


Abundance Ion 136.00 (135.70 to 136.70): E

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

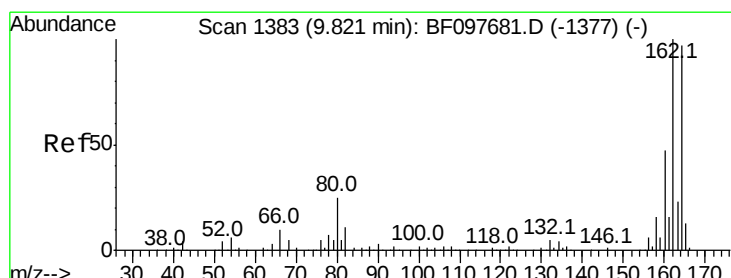
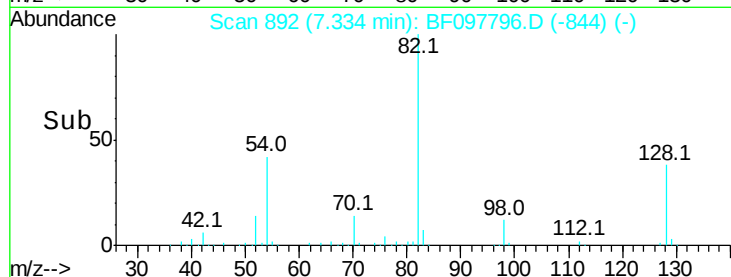
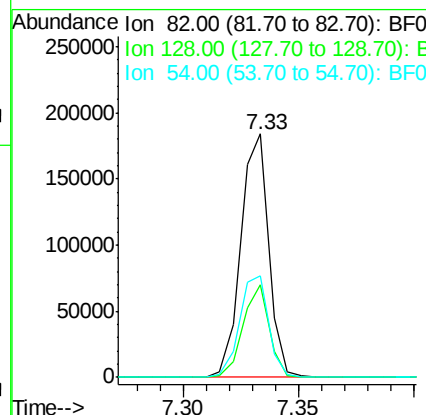
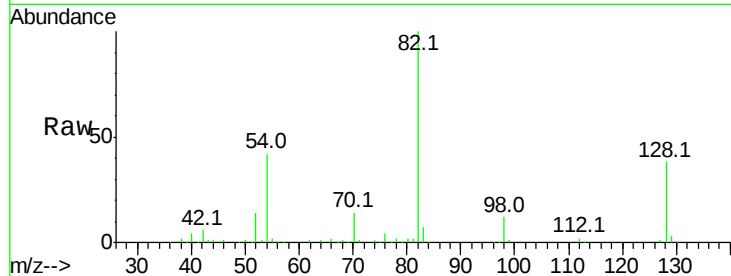




#23
 Nitrobenzene-d5
 Concen: 18.642 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097796.D
 Acq: 17 Aug 2017 19:58

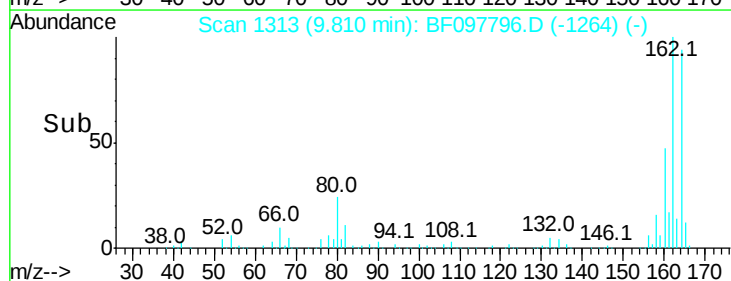
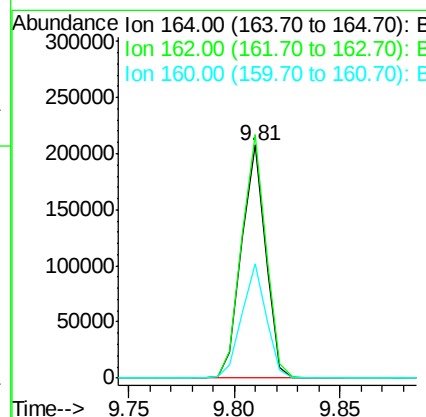
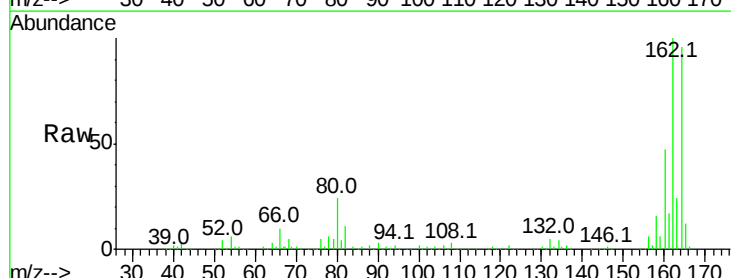
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081517

Tot Ion	82	Resp	155461
Ion Ratio	100	Lower	Upper
128	38.1	34.0	51.0
54	41.9	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097796.D
 Acq: 17 Aug 2017 19:58

Tgt Ion	164	Resp	163375
Ion Ratio	100	Lower	Upper
162	104.5	82.6	123.8
160	49.0	36.2	54.2

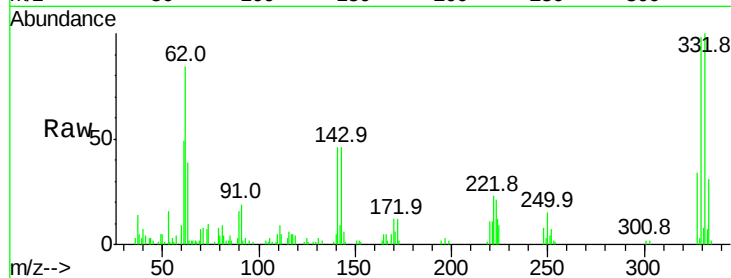




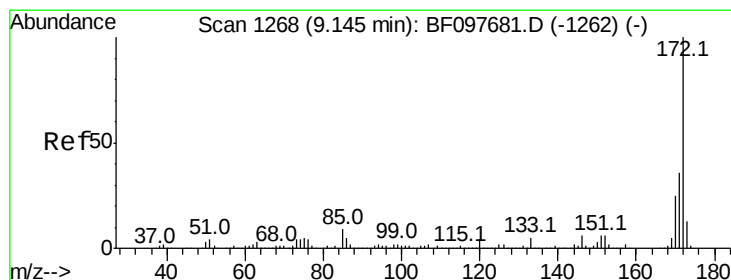
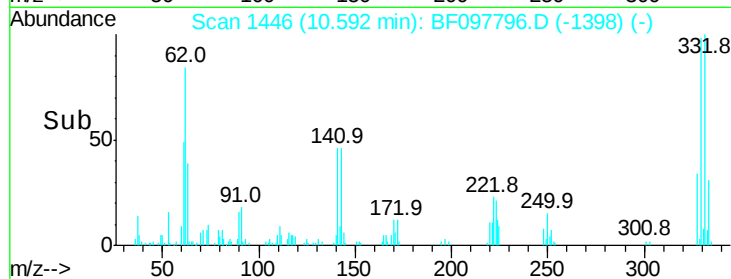
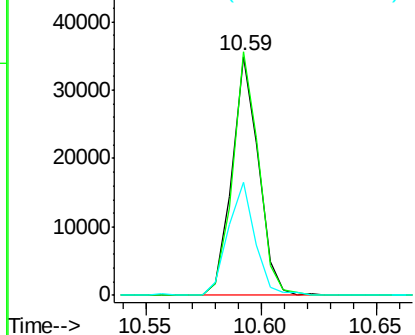
#41
 2,4,6-Tribromophenol
 Concen: 19.791 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097796.D
 Acq: 17 Aug 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081517

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.6	115.0
141	47.9	31.4	47.2#

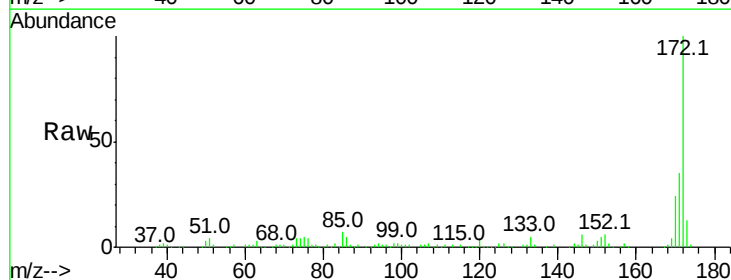


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

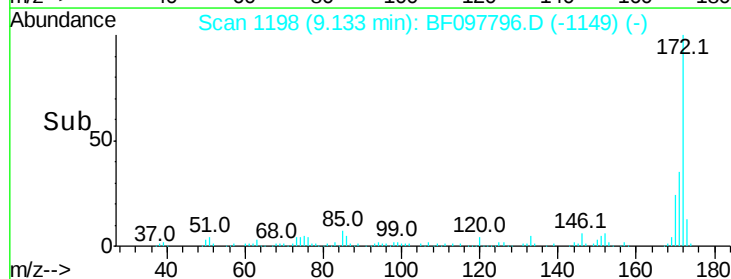
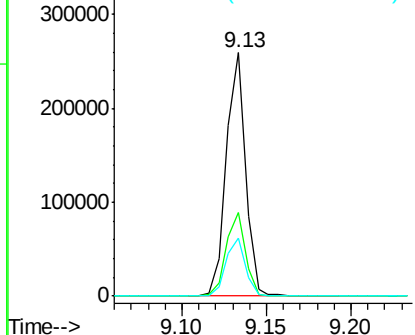


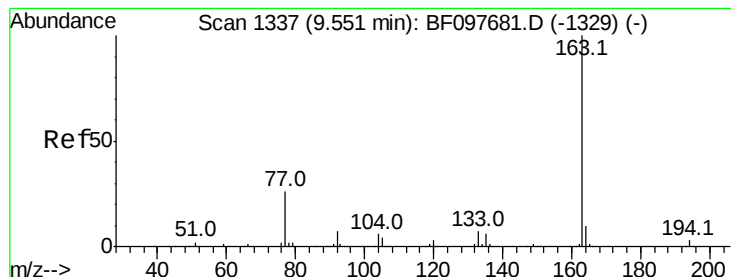
#44
 2-Fluorobiphenyl
 Concen: 18.499 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097796.D
 Acq: 17 Aug 2017 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.8	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: 2.514 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF097796.D

Acq: 17 Aug 2017 19:58

Instrument :

BNA_F

ClientSampleId :

SU-03-081517

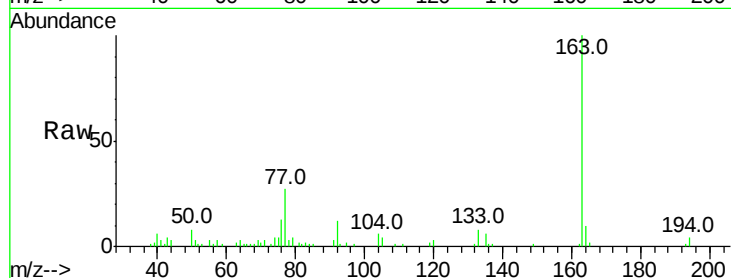
Tot Ion:163 Resp: 30028

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

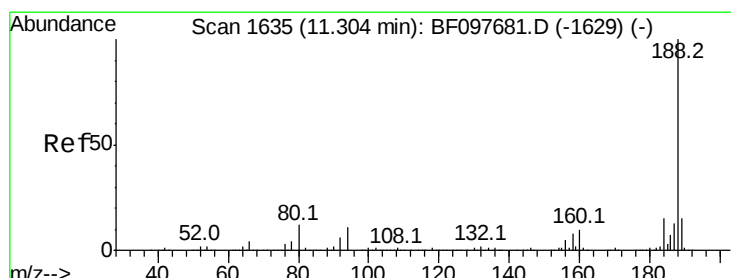
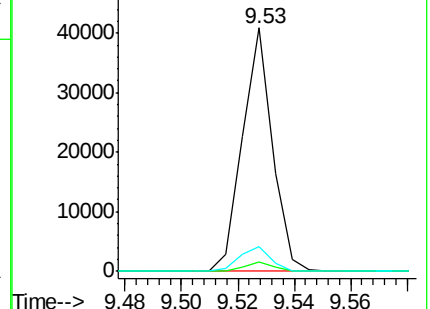
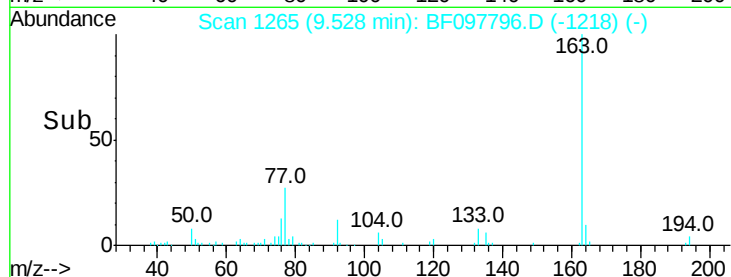
164 10.1 8.4 12.6



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: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF097796.D

Acq: 17 Aug 2017 19:58

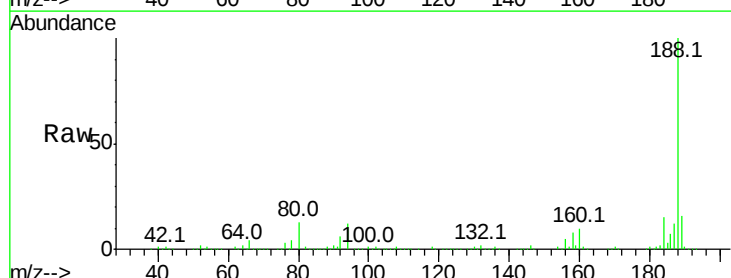
Tgt Ion:188 Resp: 262150

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

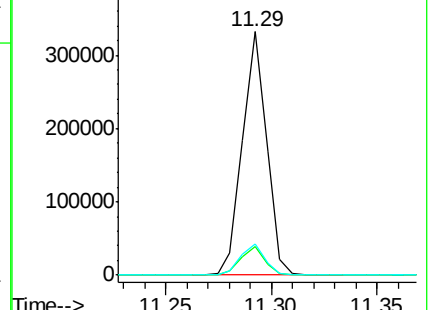
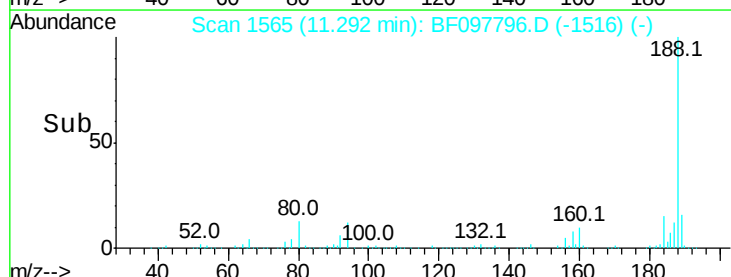
80 12.7 10.2 15.2

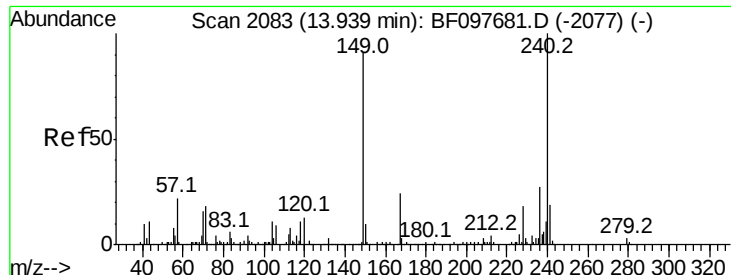


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097796.D

Acq: 17 Aug 2017 19:58

Instrument :

BNA_F

ClientSampleId :

SU-03-081517

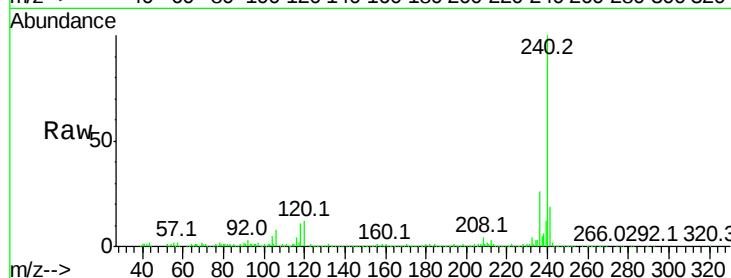
Tot Ion:240 Resp: 274483

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

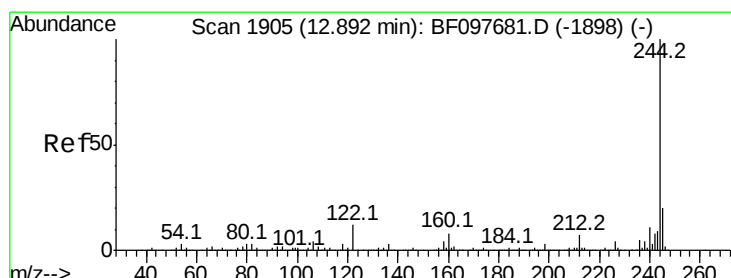
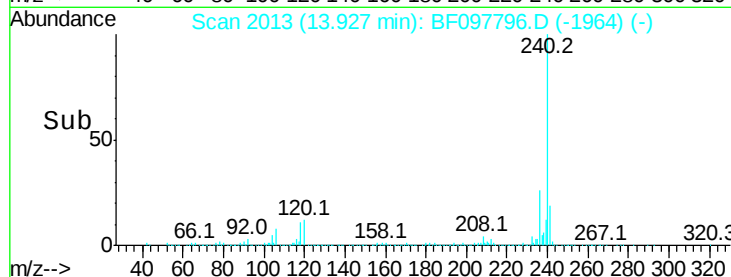
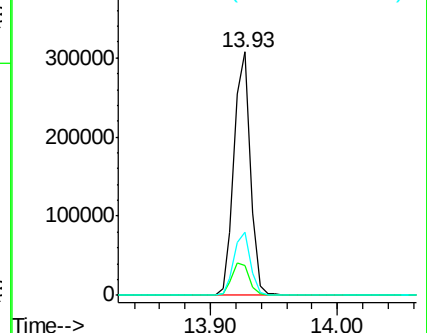
236 25.9 20.5 30.7



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: 10.819 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097796.D

Acq: 17 Aug 2017 19:58

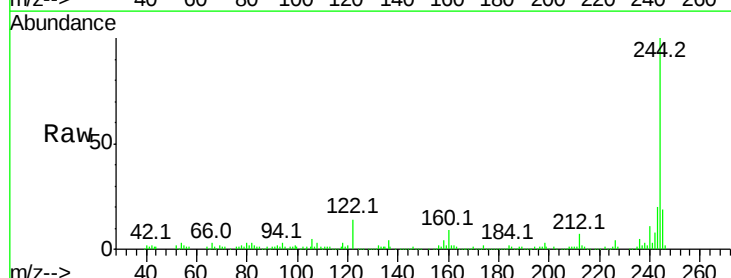
Tgt Ion:244 Resp: 142400

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

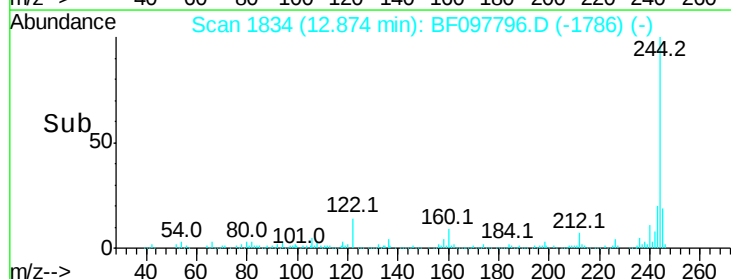
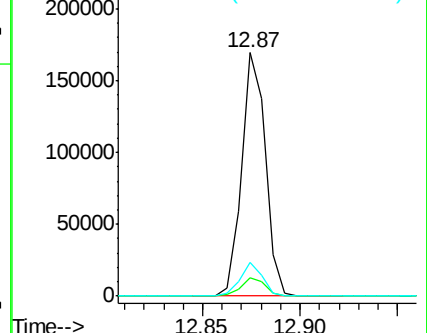
122 13.8 10.3 15.5

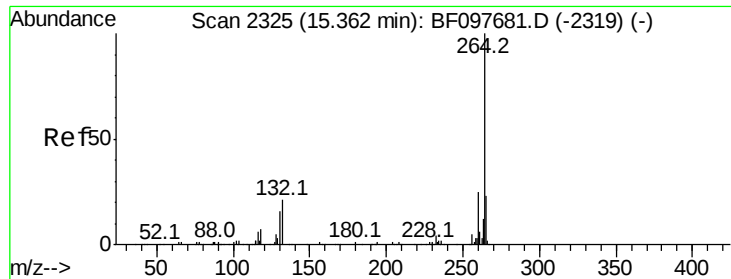


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097796.D
Acq: 17 Aug 2017 19:58

Instrument :
BNA_F
ClientSampleId :
SU-03-081517

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.2	25.8

