

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097806.D
 Acq On : 18 Aug 2017 00:41
 Operator : SJ/JU
 Sample : I4761-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01

Quant Time: Aug 18 02:30:52 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

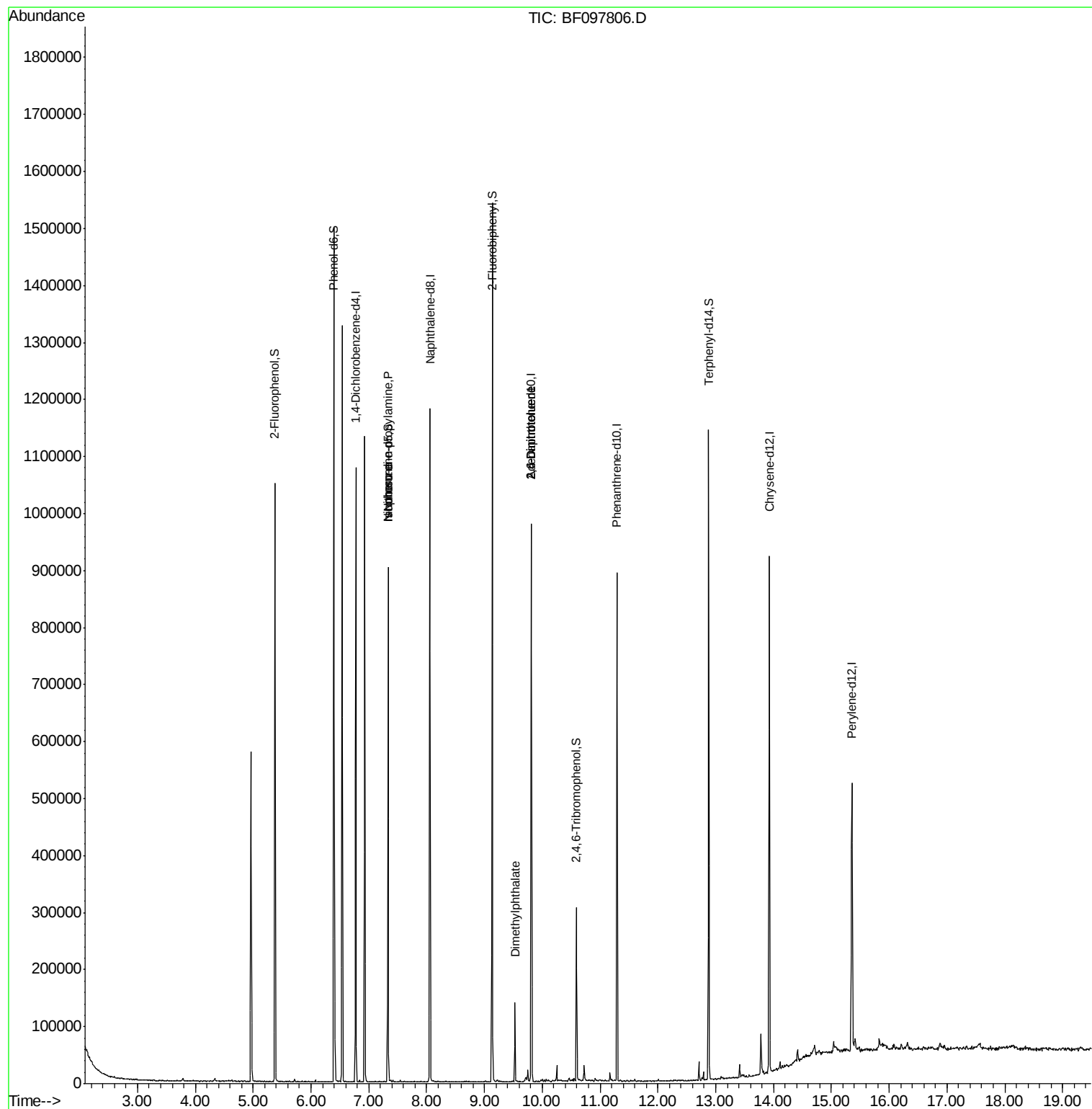
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126297	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	465761	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	175031	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	293091	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	274257	20.00	ng	-0.01
86) Perylene-d12	15.36	264	197312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	265593	31.99	ng	-0.01
7) Phenol-d6	6.40	99	438077	38.83	ng	-0.01
23) Nitrobenzene-d5	7.33	82	272790	31.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	25491	16.78	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	414591	34.80	ng	-0.01
78) Terphenyl-d14	12.88	244	300286	22.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	37193	4.82	ng	# 74
25) Isophorone	7.33	82	272787	15.30	ng	# 67
49) Dimethylphthalate	9.53	163	42563	3.33	ng	99
50) 2,6-Dinitrotoluene	9.81	165	21784	8.53	ng	# 33
56) 2,4-Dinitrotoluene	9.81	165	21784	6.80	ng	# 33

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

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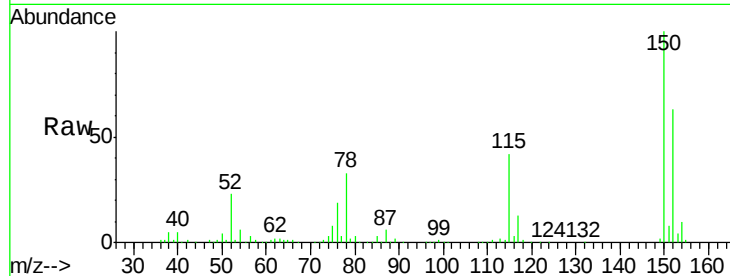


#1

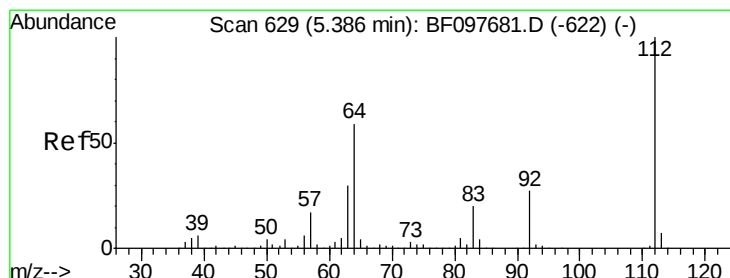
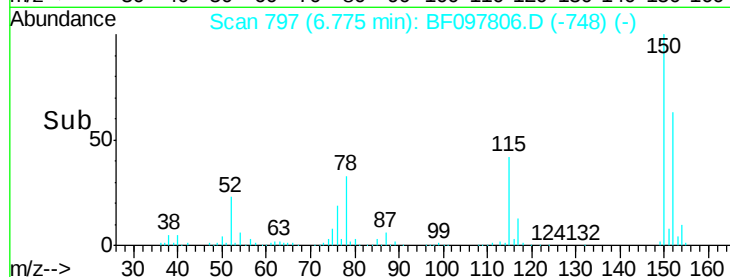
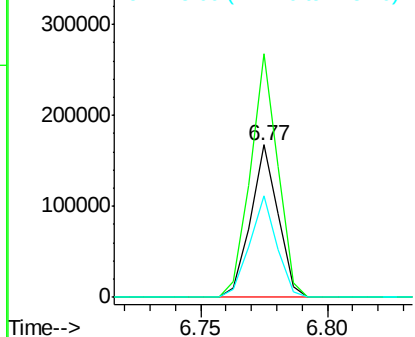
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01

Tot Ion:152 Resp: 126297
 Ion Ratio Lower Upper
 152 100
 150 159.8 126.2 189.2
 115 66.6 52.2 78.2



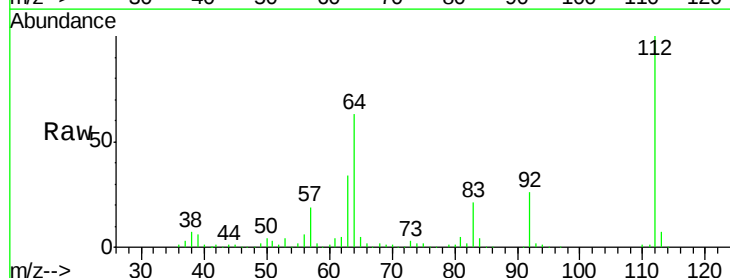
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



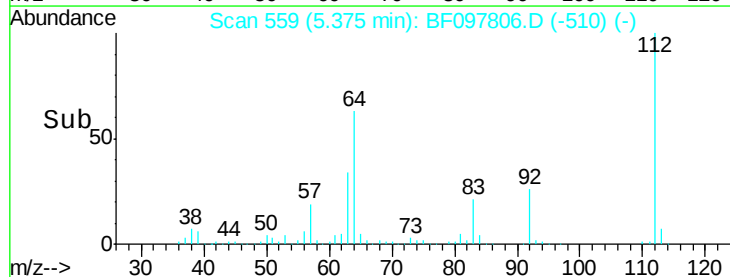
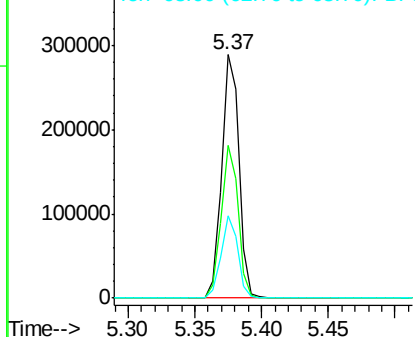
#5

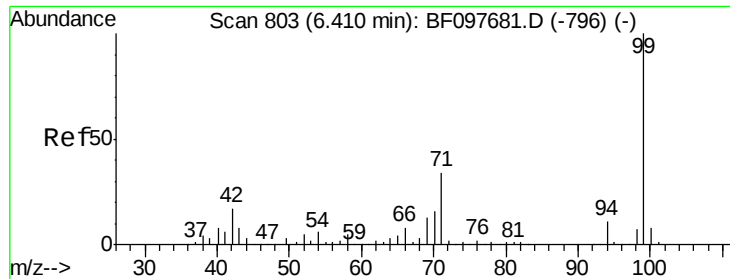
2-Fluorophenol
 Concen: 31.99 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

Tgt Ion:112 Resp: 265593
 Ion Ratio Lower Upper
 112 100
 64 62.9 46.0 69.0
 63 33.6 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: 38.83 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

Instrument :

BNA_F

ClientSampleId :

RUSB-01

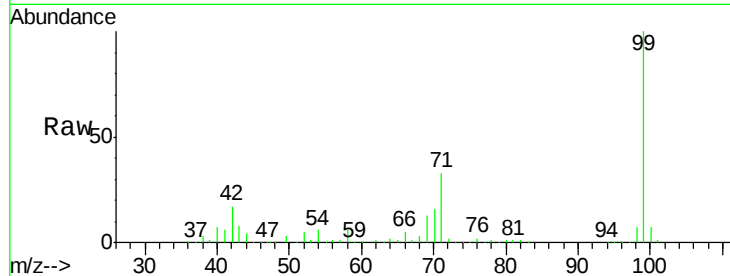
Tot Ion: 99 Resp: 438077

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

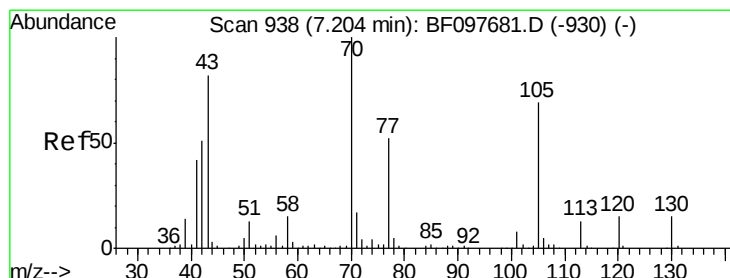
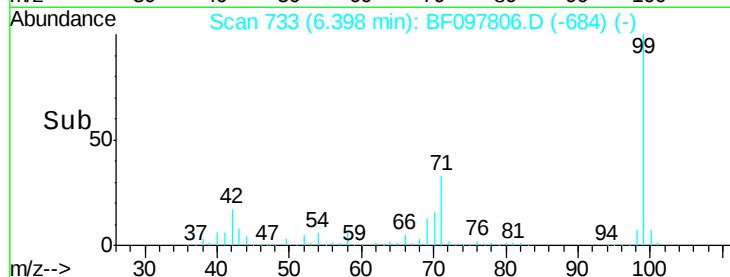
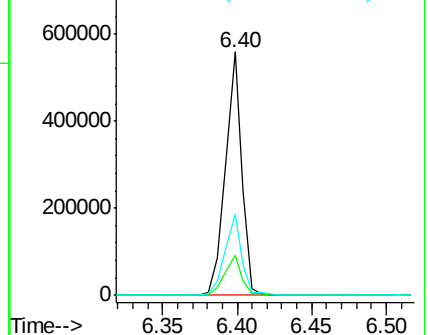
71 33.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.82 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.13 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

Tgt Ion: 70 Resp: 37193

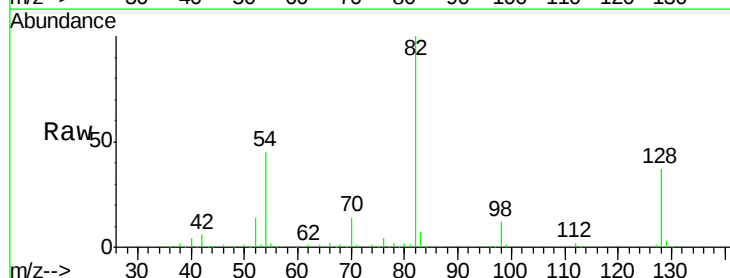
Ion Ratio Lower Upper

70 100

42 43.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.5 15.9 23.9#

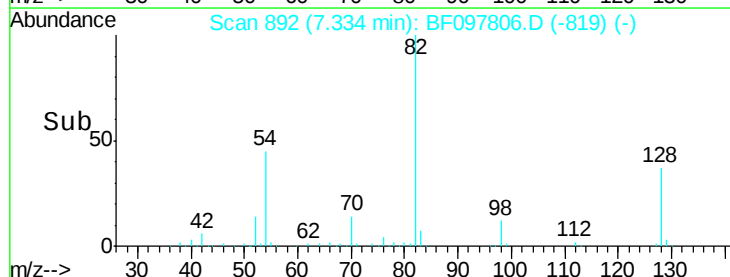
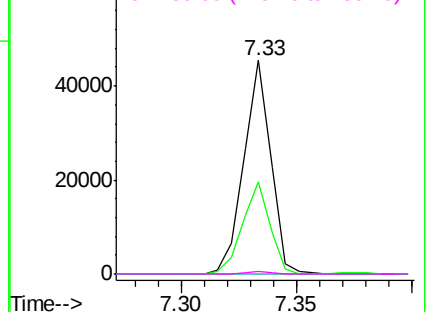


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

Instrument :

BNA_F

ClientSampleId :

RUSB-01

Tot Ion:136 Resp: 465761

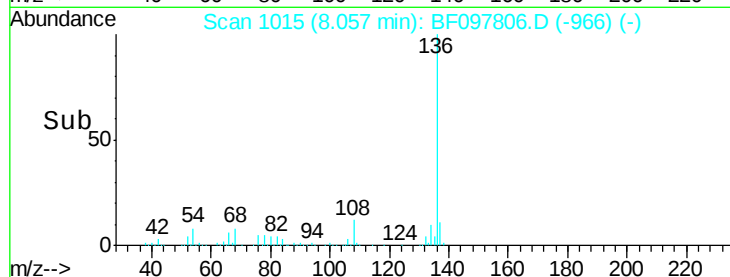
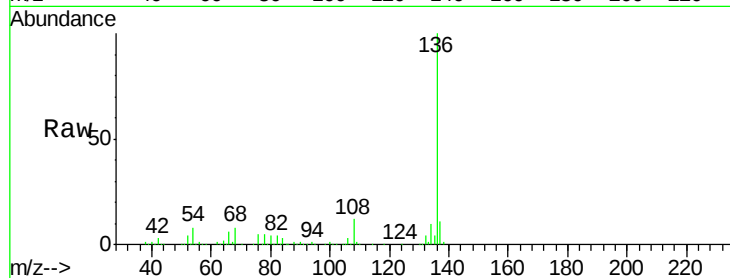
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.0 4.9 7.3#

68 7.6 4.1 6.1#

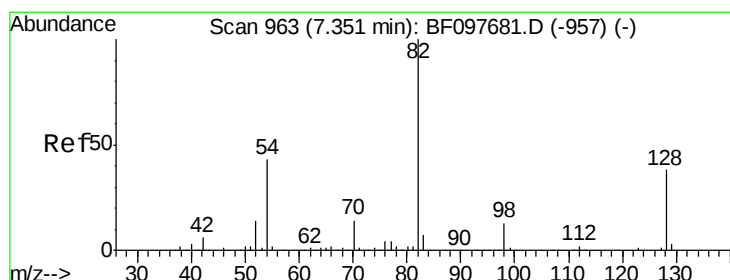
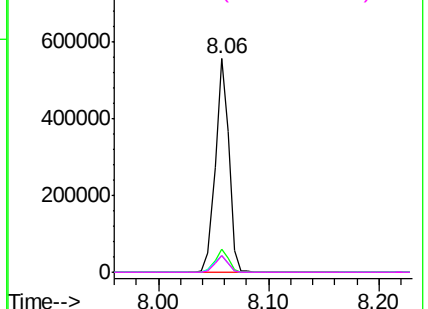


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.82 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

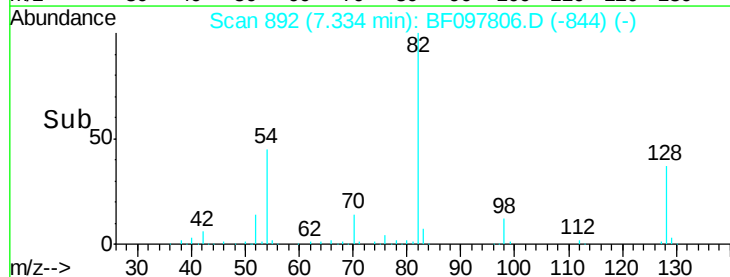
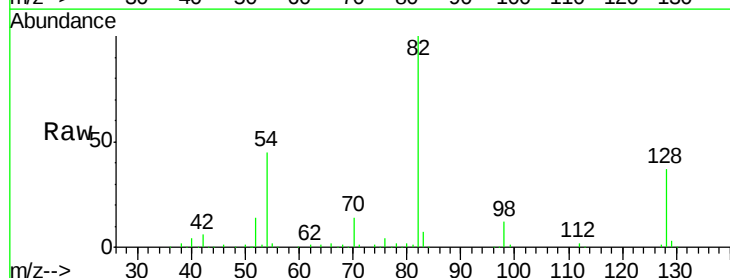
Tgt Ion: 82 Resp: 272790

Ion Ratio Lower Upper

82 100

128 36.7 34.0 51.0

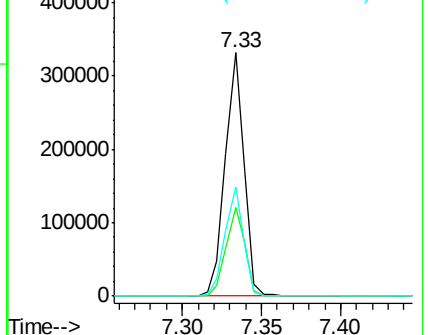
54 44.8 42.2 63.2



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

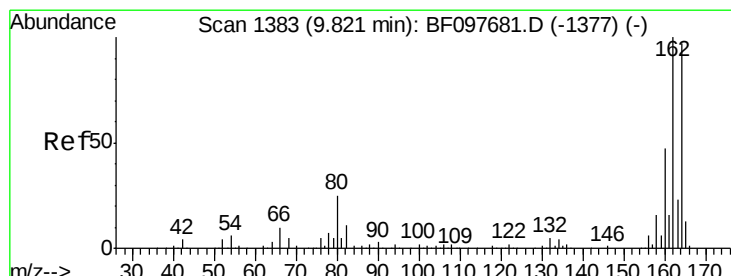
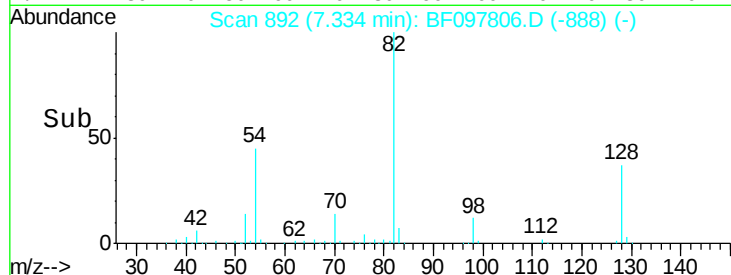
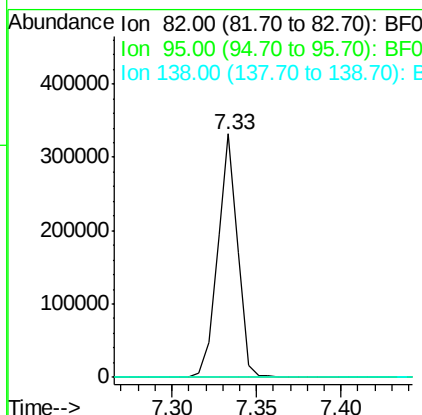
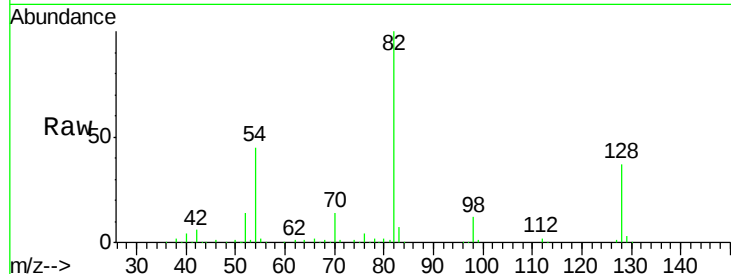




#25
Isophorone
Concen: 15.30 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097806.D
Acq: 18 Aug 2017 00:41

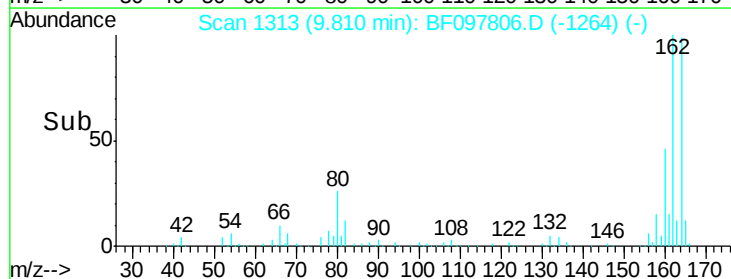
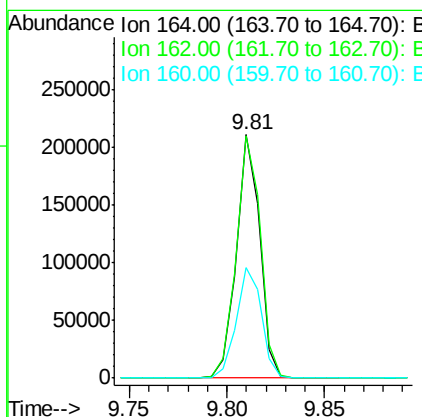
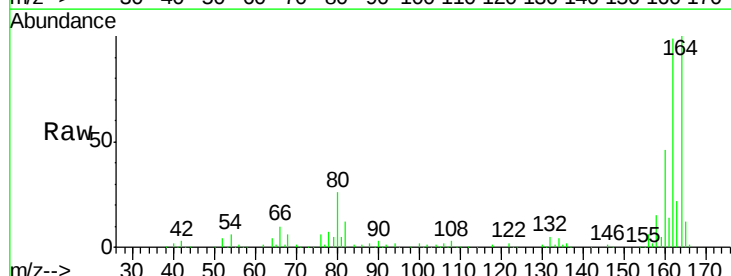
Instrument :
BNA_F
ClientSampleId :
RUSB-01

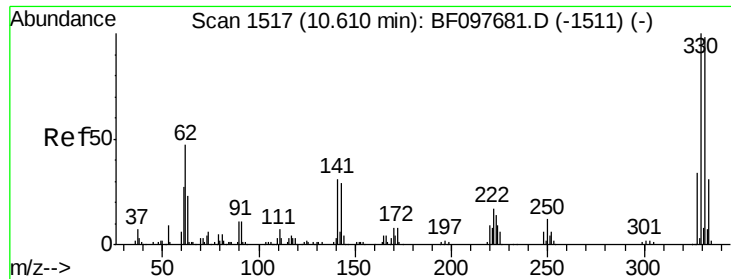
Tot Ion: 82 Resp: 272787
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097806.D
Acq: 18 Aug 2017 00:41

Tgt Ion:164 Resp: 175031
Ion Ratio Lower Upper
164 100
162 99.3 82.6 123.8
160 45.6 36.2 54.2

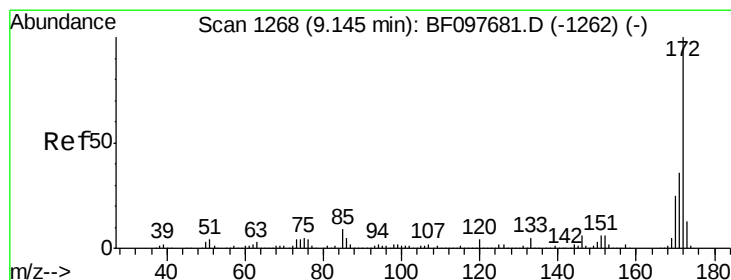
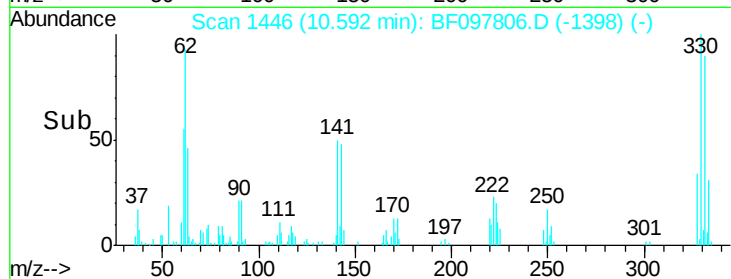
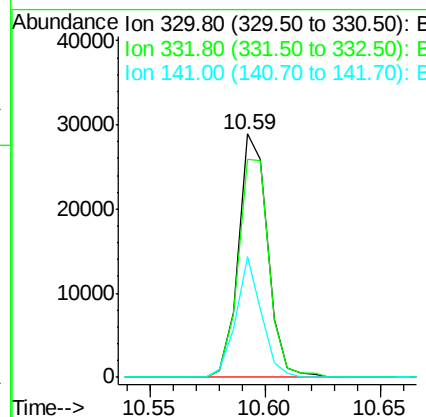
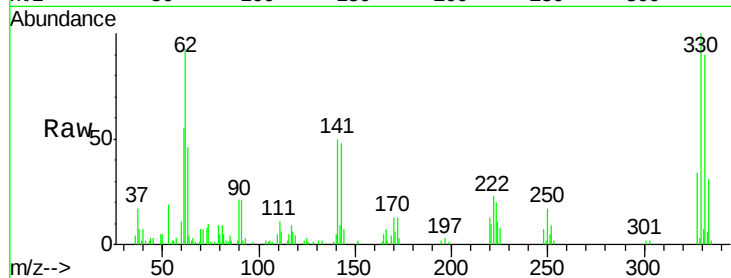




#41
 2,4,6-Tribromophenol
 Concen: 16.78 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

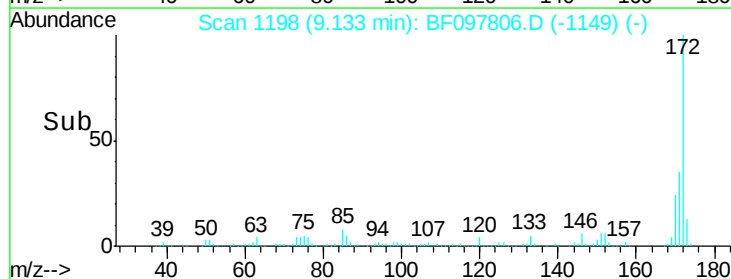
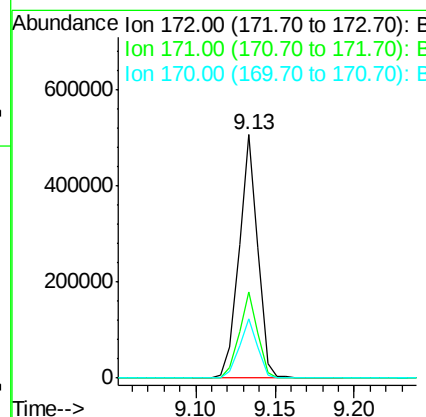
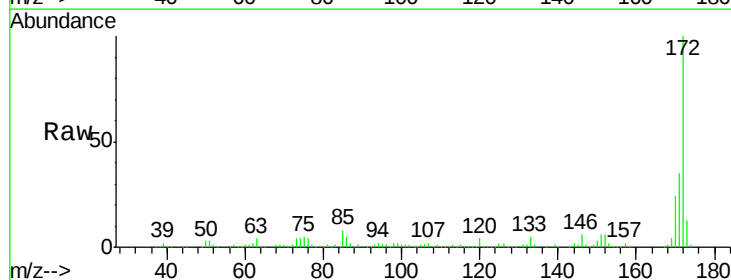
Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01

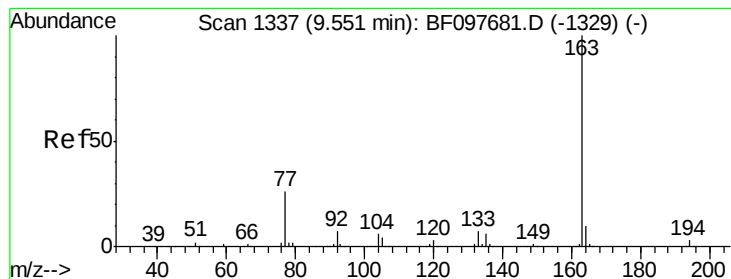
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	43.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 34.80 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.3	19.8	29.8





#49

Dimethylphthalate

Concen: 3.33 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

Instrument :

BNA_F

ClientSampleId :

RUSB-01

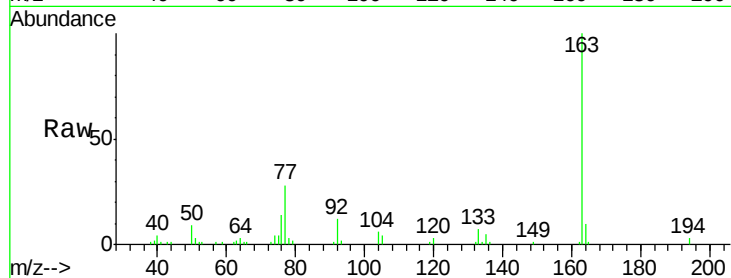
Tot Ion:163 Resp: 42563

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

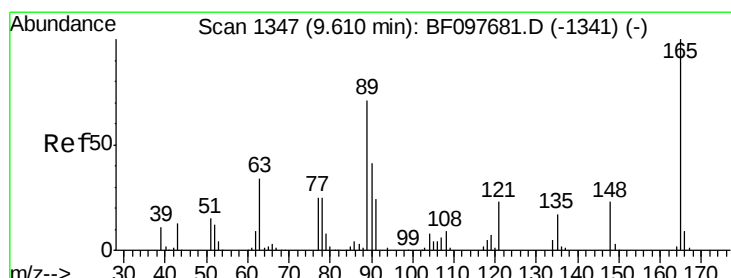
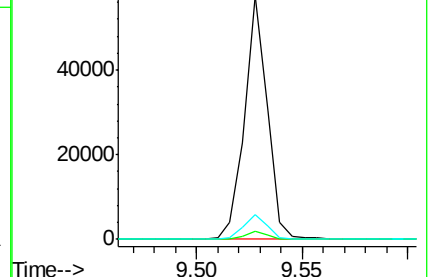
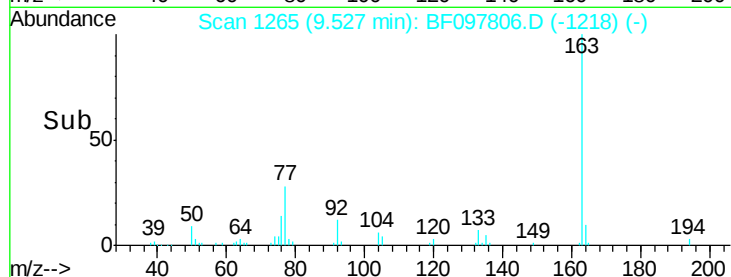
164 10.0 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 8.53 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.20 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

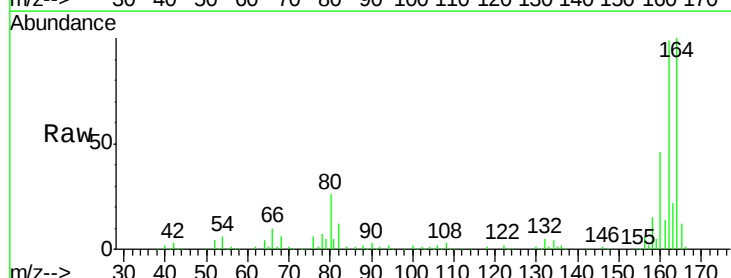
Tgt Ion:165 Resp: 21784

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

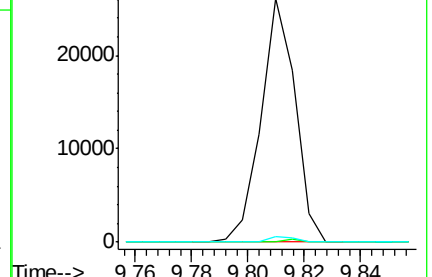
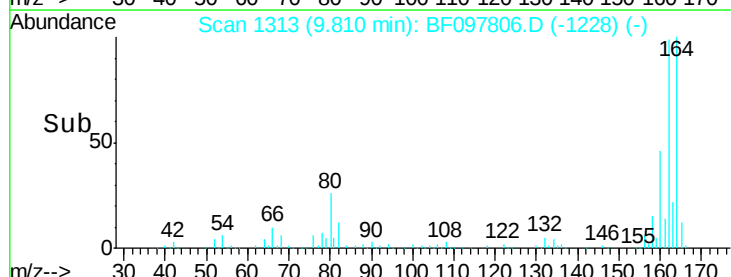
89 2.4 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

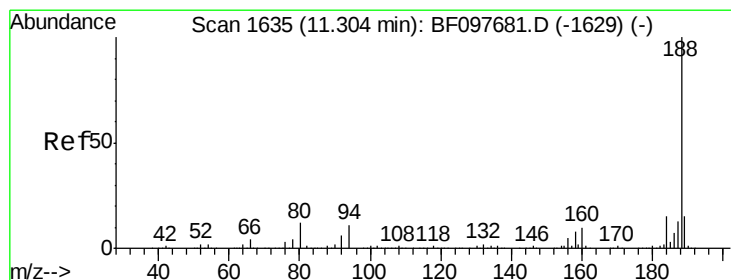
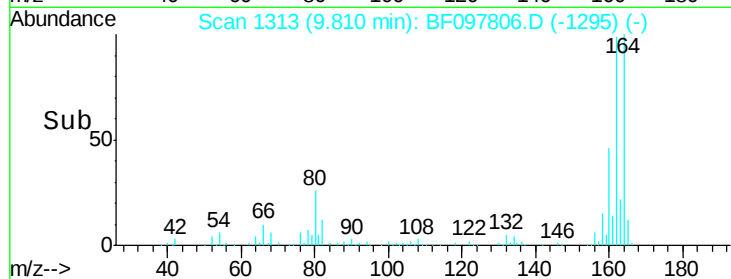
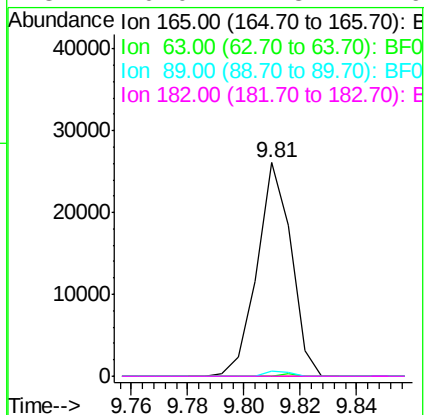
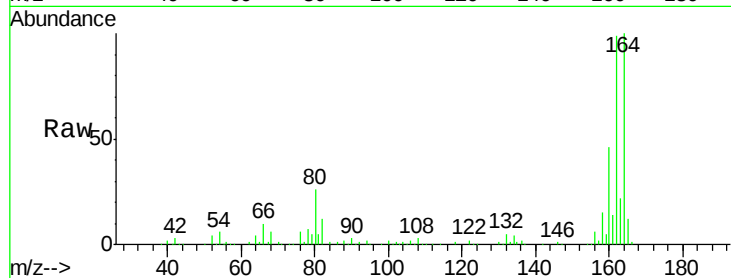




#56
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

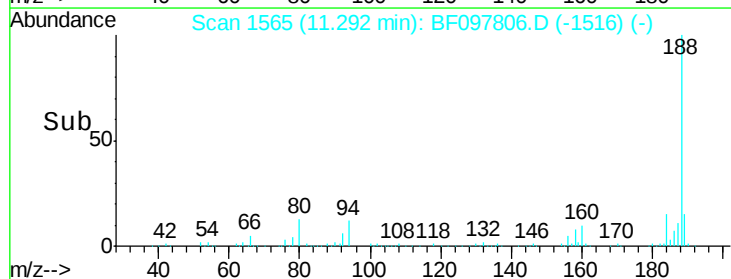
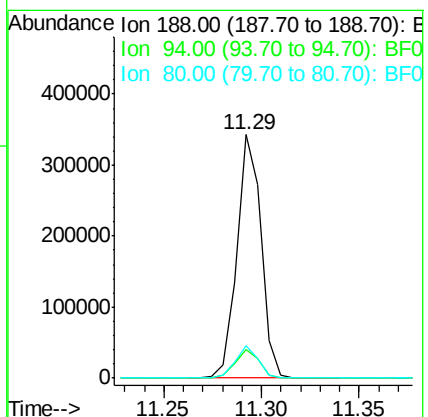
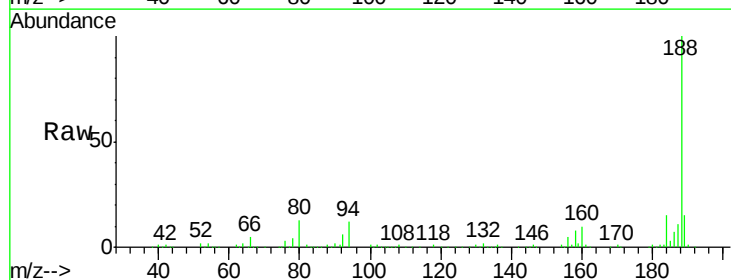
Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01

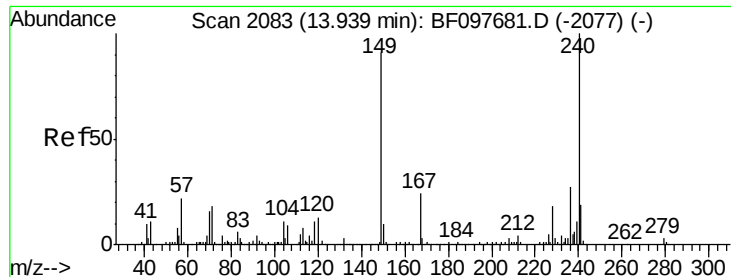
Tot Ion:	165	Resp:	21784
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	2.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

Tgt Ion:	188	Resp:	293091
Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	13.4	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

Instrument :

BNA_F

ClientSampleId :

RUSB-01

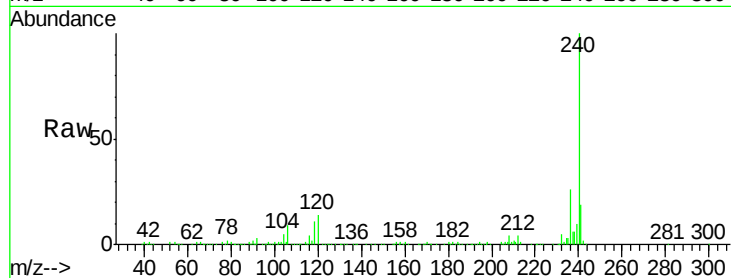
Tot Ion:240 Resp: 274257

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

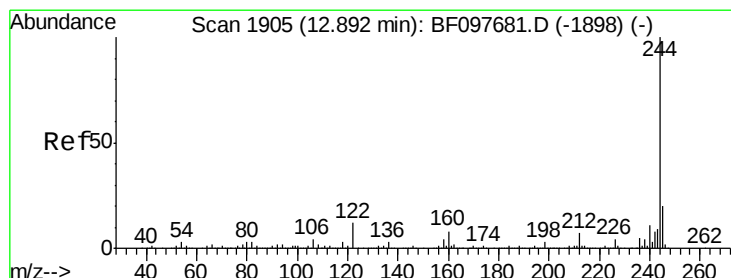
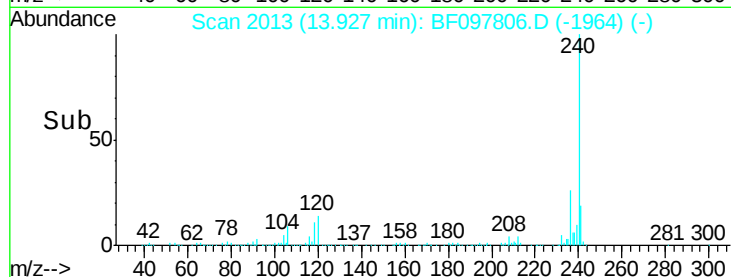
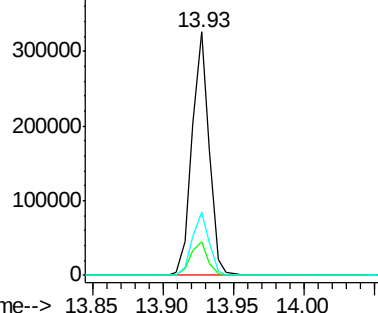
236 25.8 20.5 30.7



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: 22.83 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

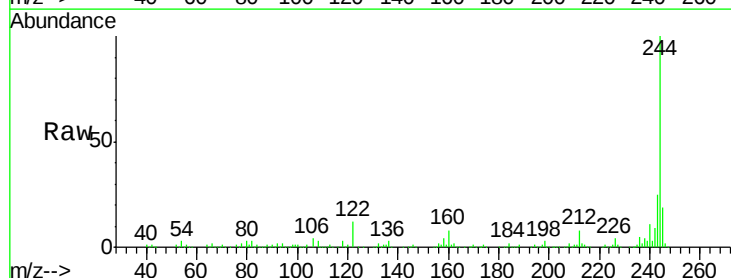
Tgt Ion:244 Resp: 300286

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

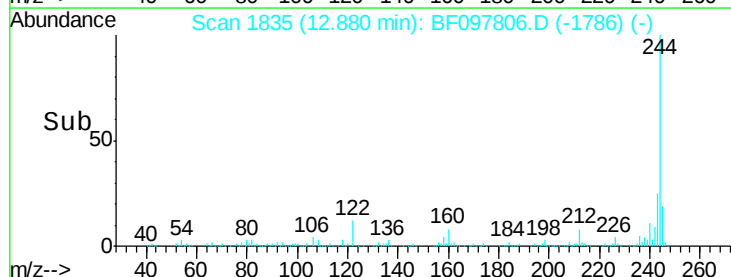
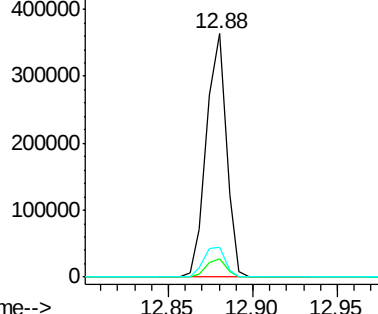
122 12.3 10.3 15.5

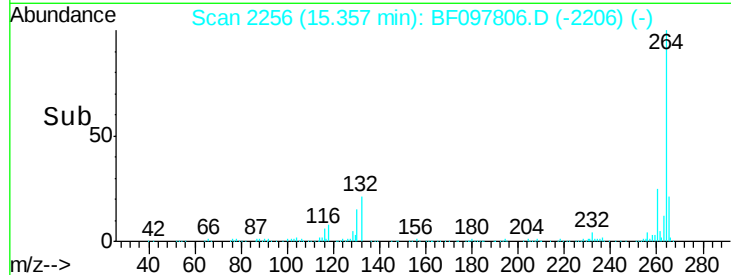
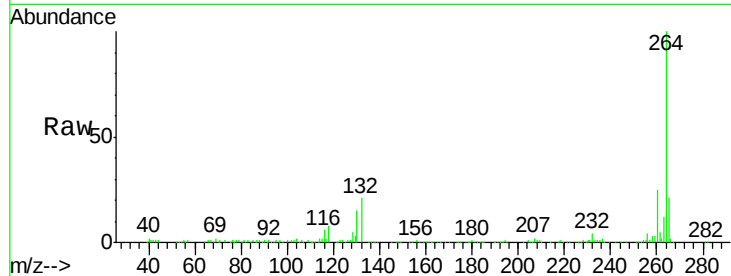
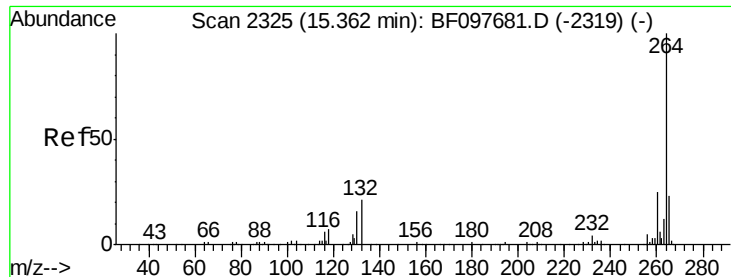


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01

Tot Ion:	264	Resp:	197312
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	20.9	17.2	25.8

