

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097808.D
 Acq On : 18 Aug 2017 1:37
 Operator : SJ/JU
 Sample : I4761-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-03

Quant Time: Aug 18 02:31:37 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

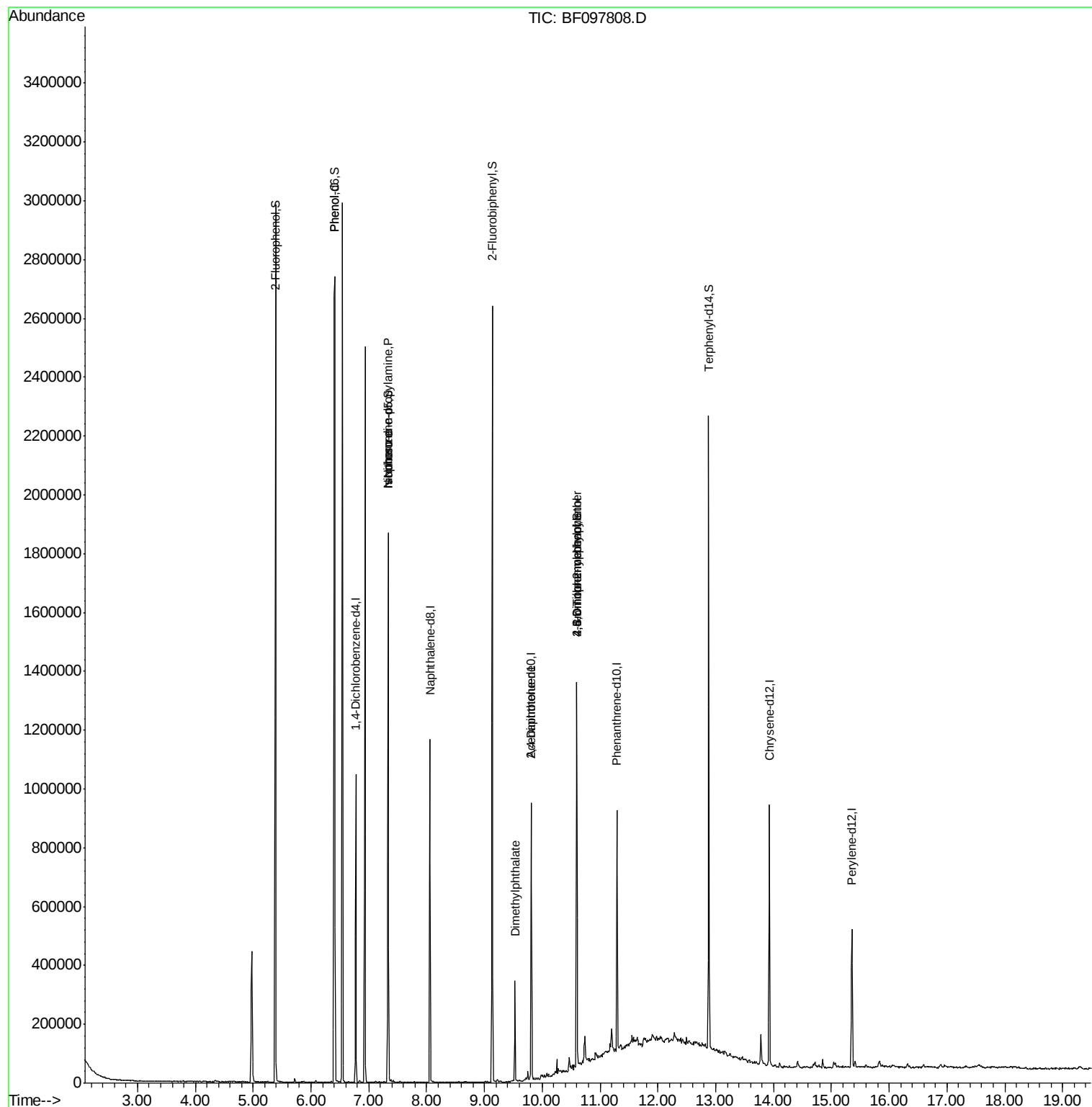
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	125598	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	448176	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	162705	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	265317	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	272439	20.00	ng	-0.01
86) Perylene-d12	15.36	264	192710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	831979	100.76	ng	0.00
7) Phenol-d6	6.41	99	1099773	98.03	ng	0.00
23) Nitrobenzene-d5	7.34	82	634872	76.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	122839	87.01	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	820180	74.06	ng	-0.01
78) Terphenyl-d14	12.88	244	616365	47.18	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	37427	2.85	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.34	70	85999	11.20	ng	# 72
25) Isophorone	7.34	82	634866	37.01	ng	# 67
49) Dimethylphthalate	9.53	163	104646	8.80	ng	99
56) 2,4-Dinitrotoluene	9.81	165	20167	6.77	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.60	198	174	8.44	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	8569	3.11	ng	# 1

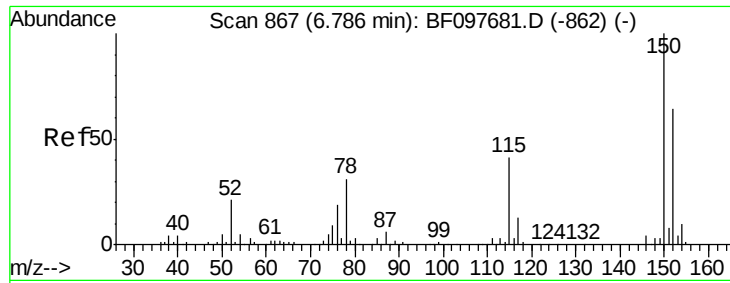
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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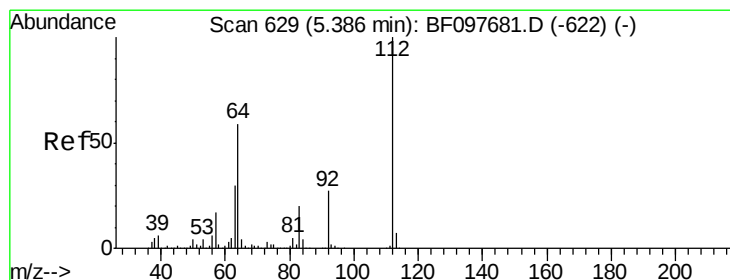
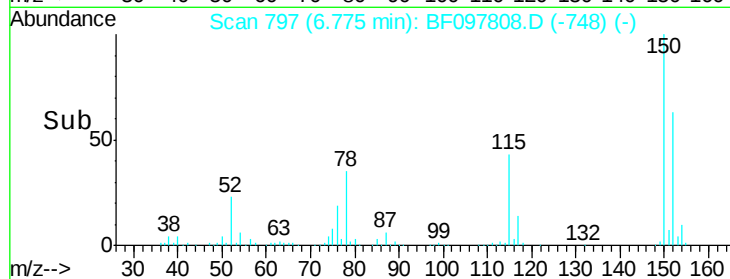
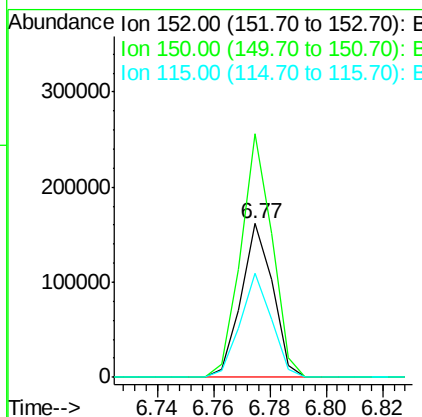
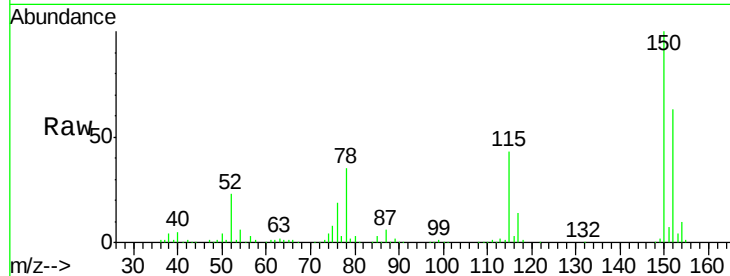




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

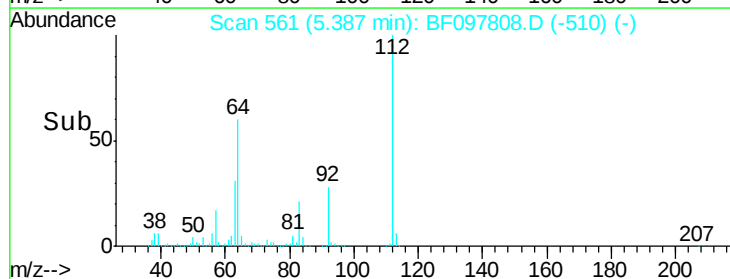
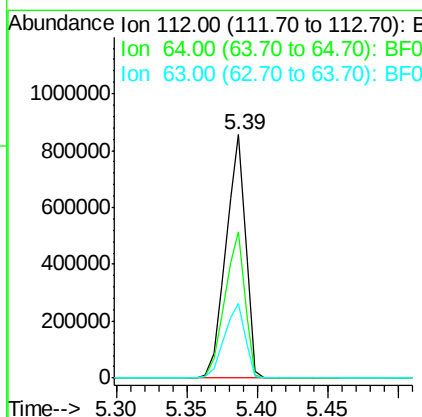
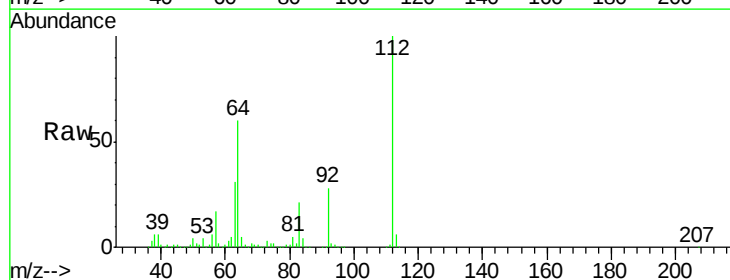
Instrument :
 BNA_F
 ClientSampleId :
 RUSB-03

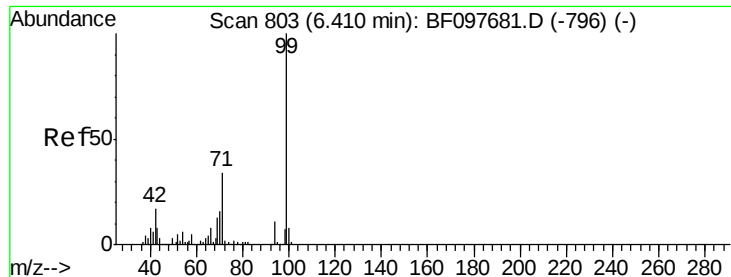
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	68.0	52.2	78.2



#5
 2-Fluorophenol
 Concen: 100.76 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.0	69.0
63	30.6	23.4	35.0





#7

Phenol-d6

Concen: 98.03 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

Instrument :

BNA_F

ClientSampleId :

RUSB-03

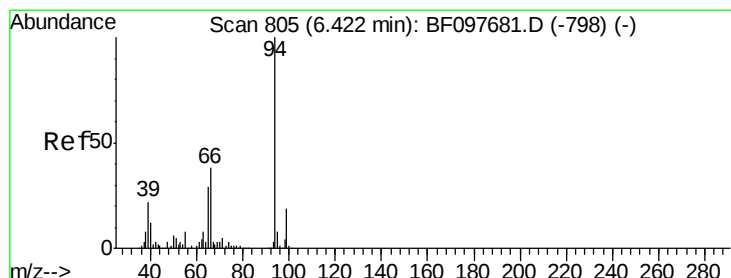
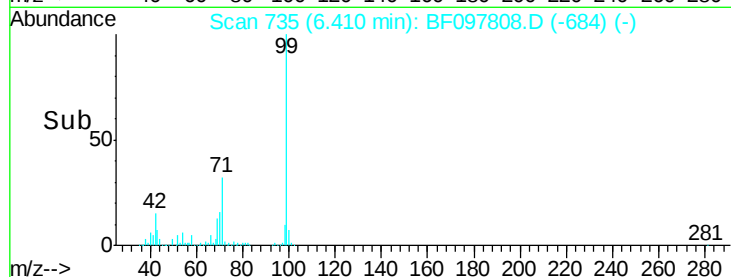
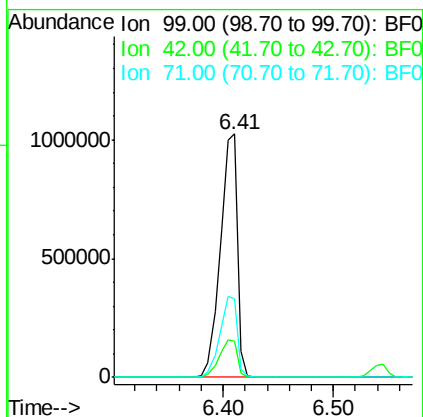
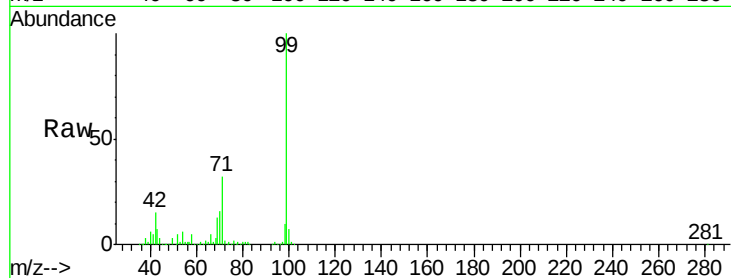
Tot Ion: 99 Resp: 1099773

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

71 32.2 24.5 36.7



#10

Phenol

Concen: 2.85 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

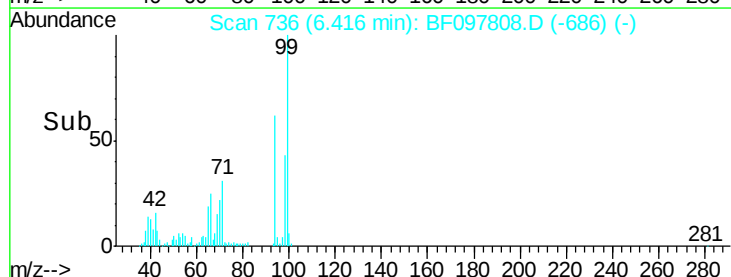
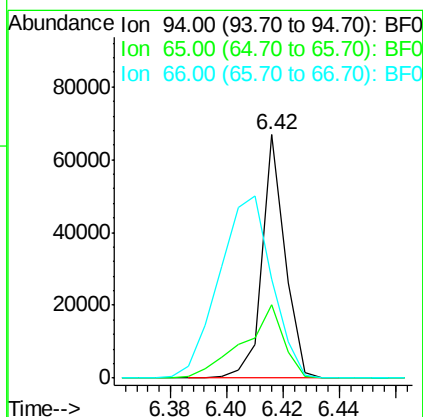
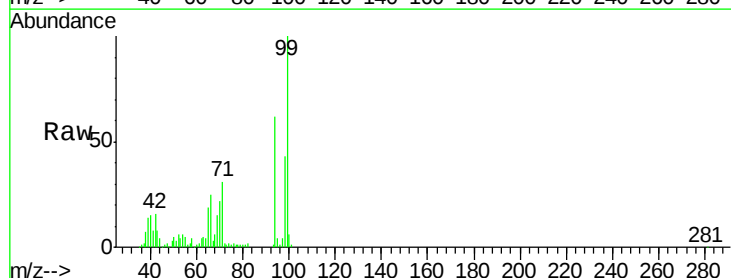
Tgt Ion: 94 Resp: 37427

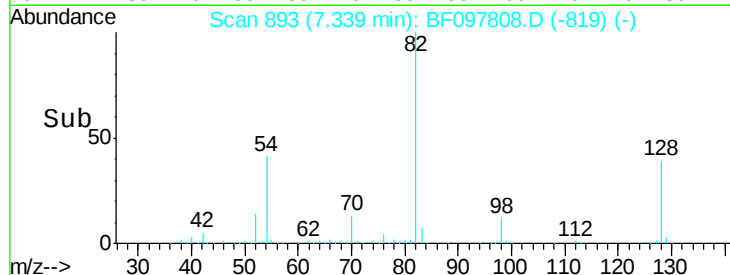
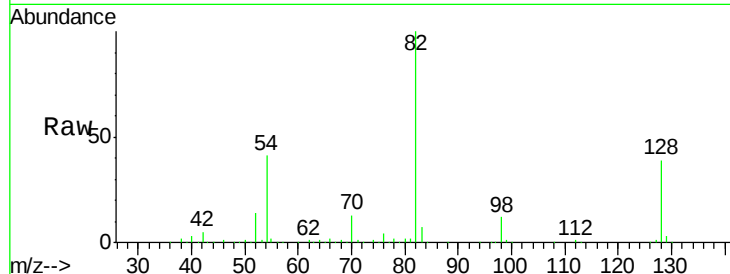
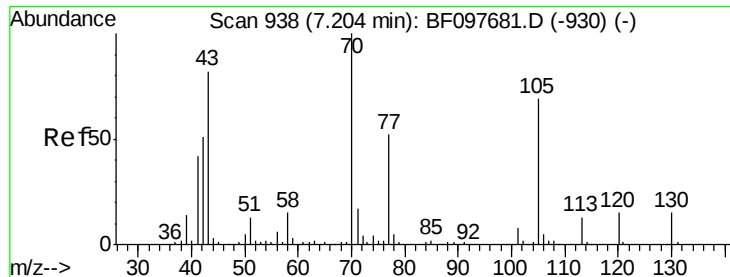
Ion Ratio Lower Upper

94 100

65 30.4 9.9 49.9

66 40.6 23.1 63.1

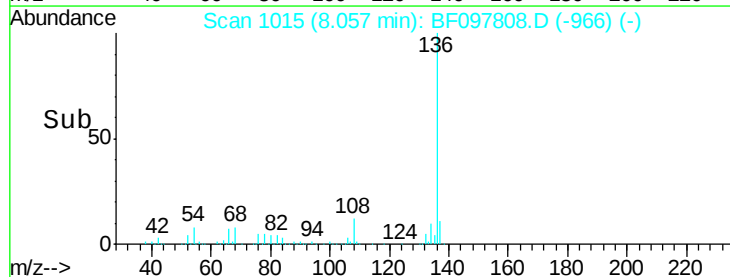
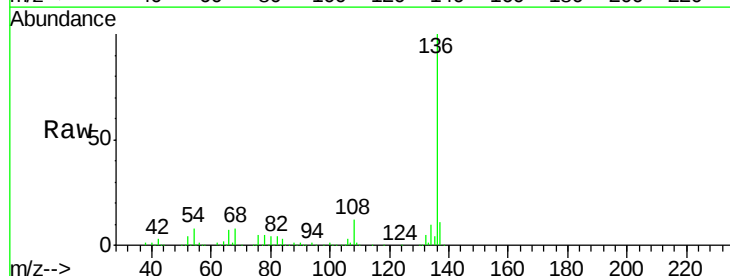
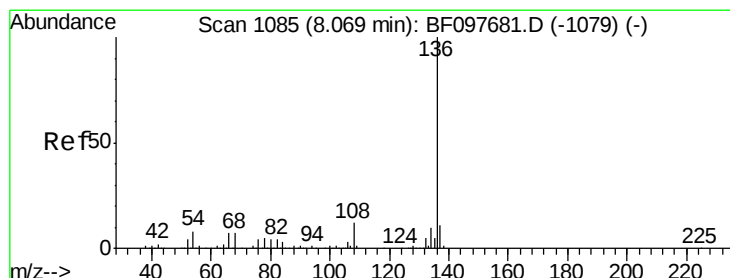
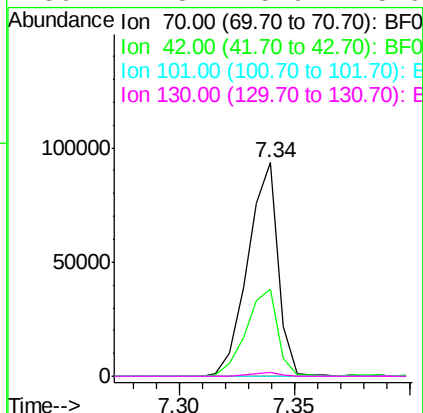




#19
n-Nitroso-di-n-propylamine
Concen: 11.20 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097808.D
Acq: 18 Aug 2017 1:37

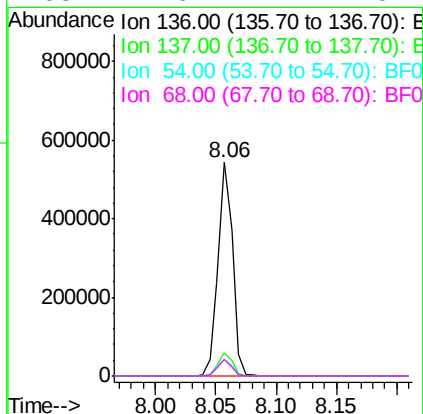
Instrument :
BNA_F
ClientSampleId :
RUSB-03

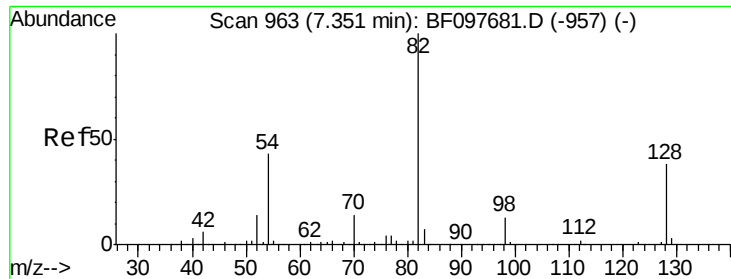
Tot Ion	Ratio	Lower	Upper
70	100		
42	40.6	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097808.D
Acq: 18 Aug 2017 1:37

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.1	4.9	7.3#
68	7.6	4.1	6.1#

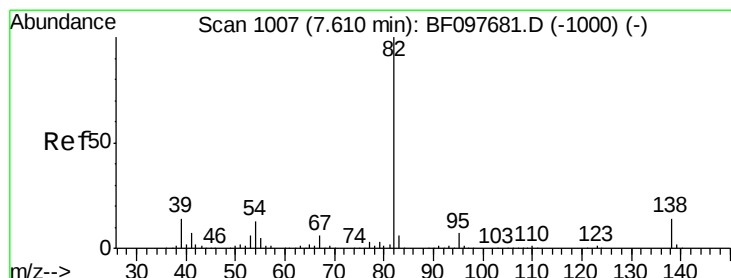
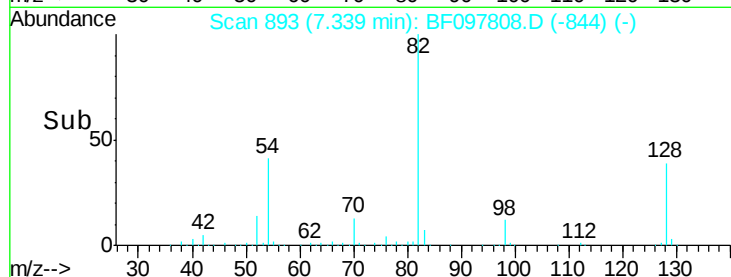
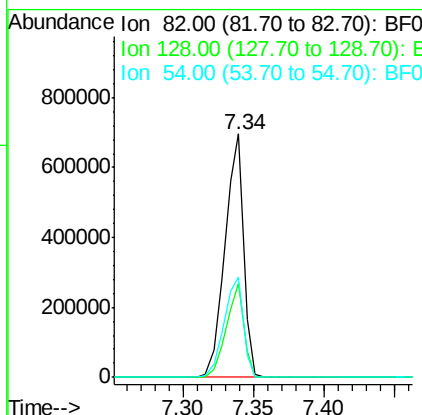
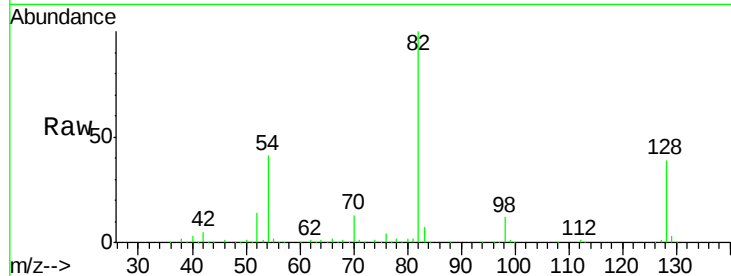




#23
 Nitrobenzene-d5
 Concen: 76.95 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

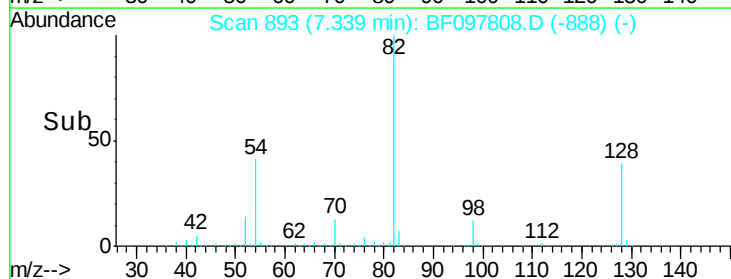
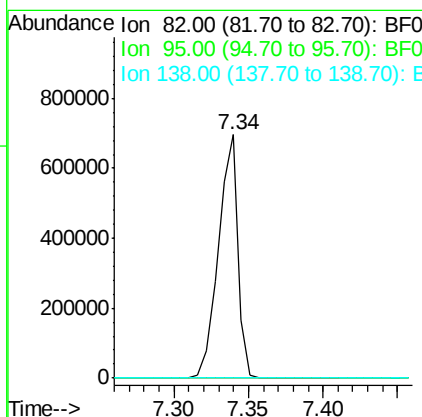
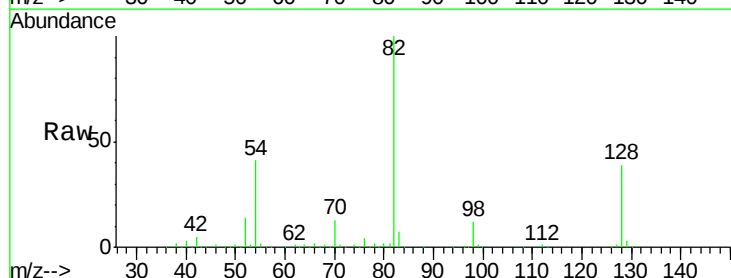
Instrument :
 BNA_F
 ClientSampleID :
 RUSB-03

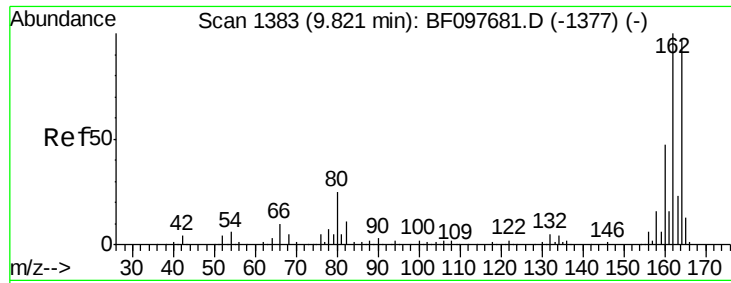
Tot Ion	82	Resp	634872
Ion Ratio	100	Lower	Upper
82	100		
128	38.7	34.0	51.0
54	41.1	42.2	63.2#



#25
 Isophorone
 Concen: 37.01 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.27 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Tgt Ion	82	Resp	634866
Ion Ratio	100	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

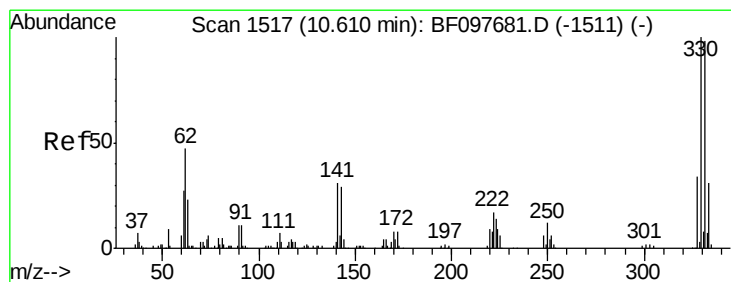
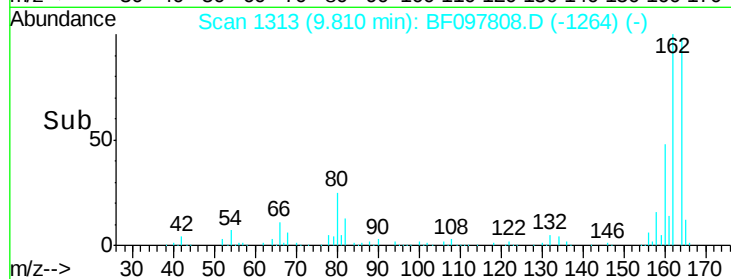
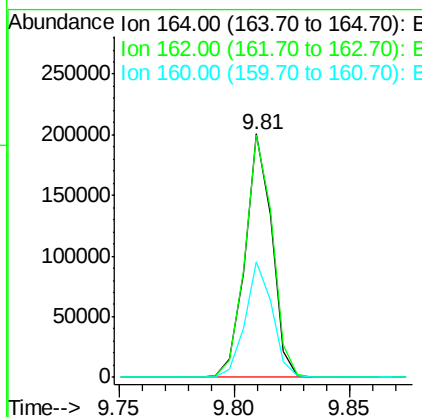
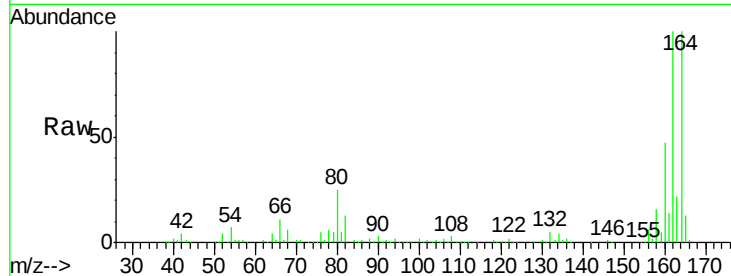




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

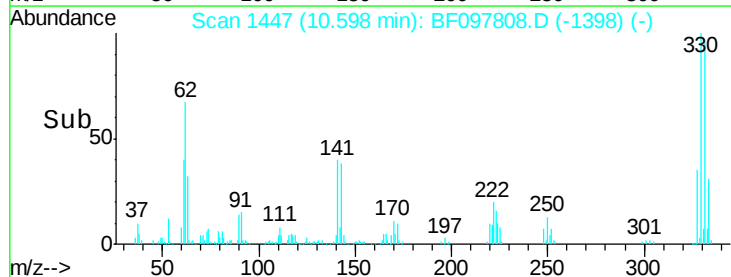
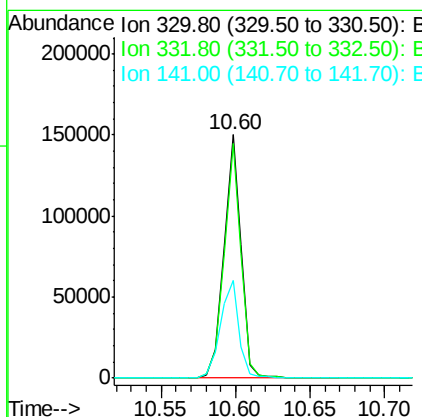
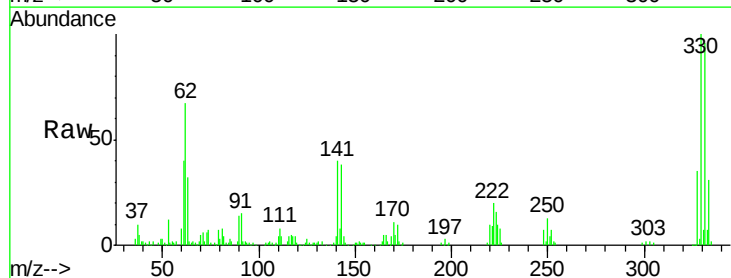
Instrument :
 BNA_F
 ClientSampled :
 RUSB-03

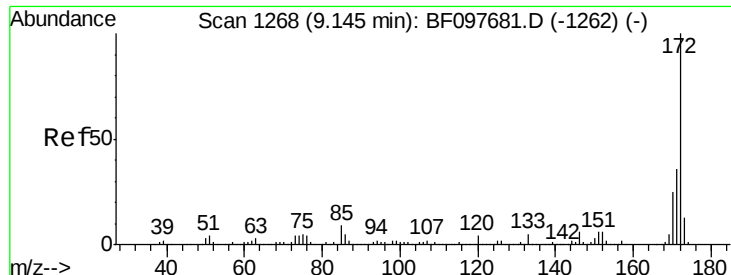
Tot Ion:164 Resp: 162705
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.6 123.8
 160 47.4 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 87.01 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Tgt Ion:330 Resp: 122839
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 43.4 31.4 47.2

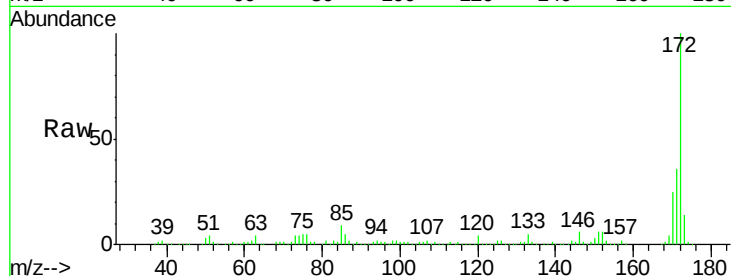




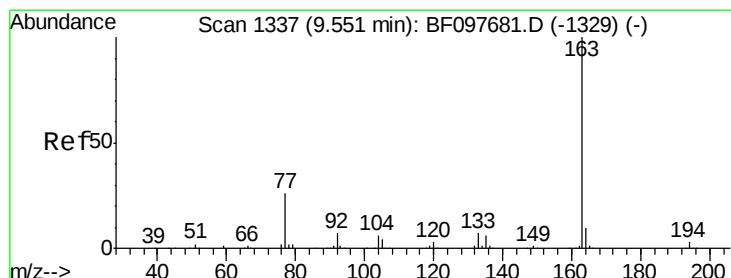
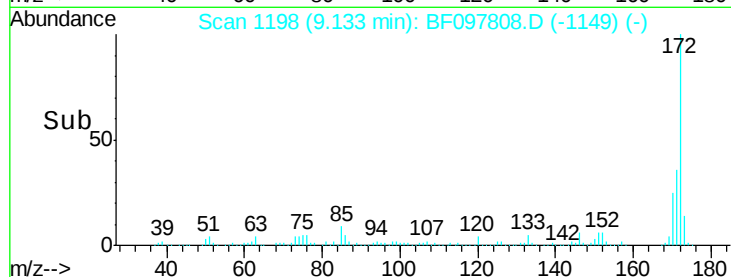
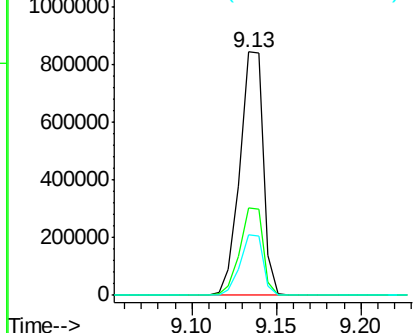
#44
 2-Fluorobiphenyl
 Concen: 74.06 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Instrument :
 BNA_F
 ClientSampled :
 RUSB-03

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.8	19.8	29.8

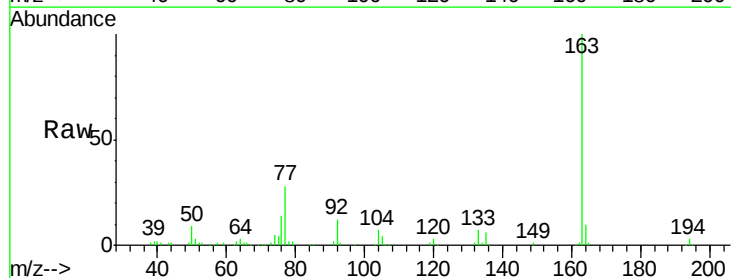


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

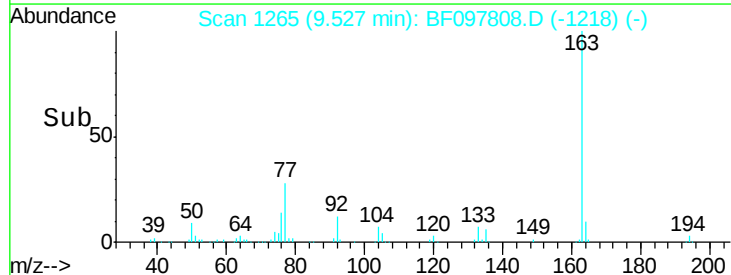
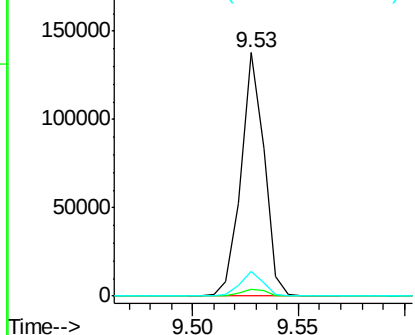


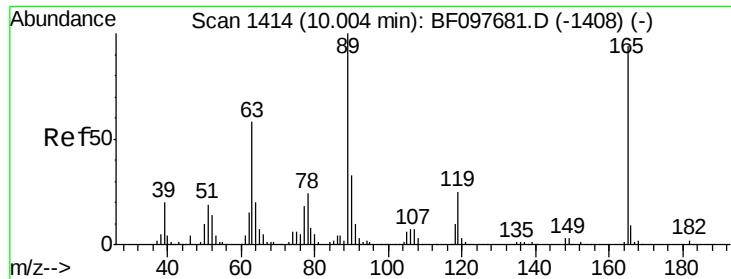
#49
 Dimethylphthalate
 Concen: 8.80 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.3	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

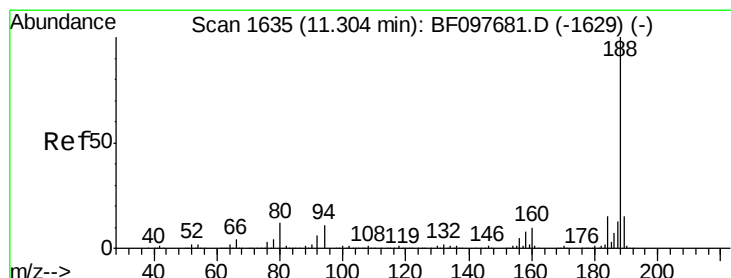
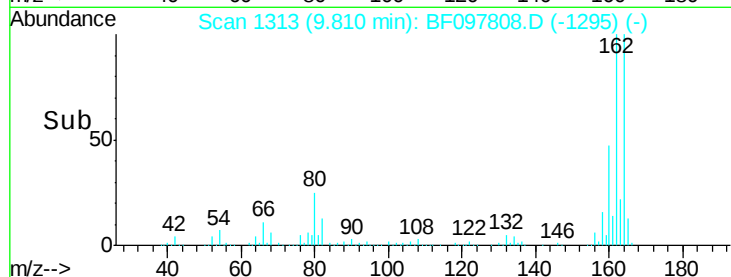
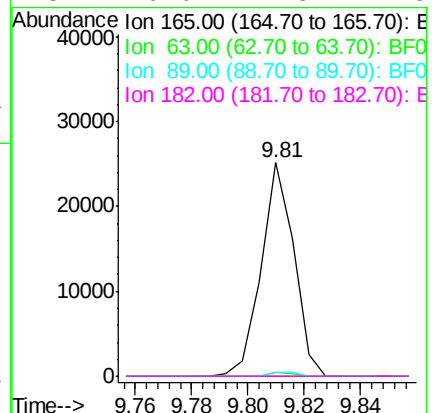
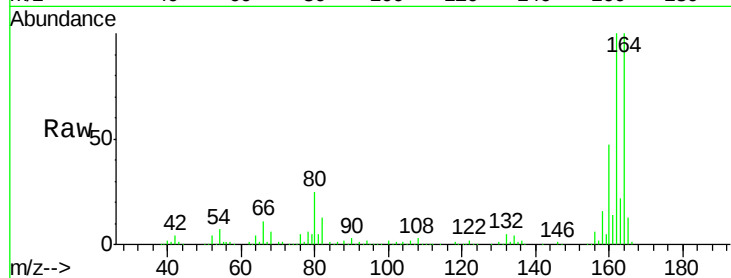




#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

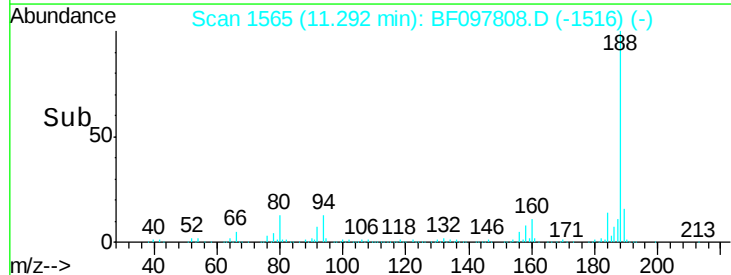
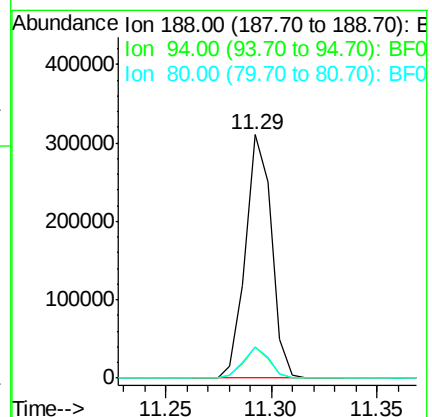
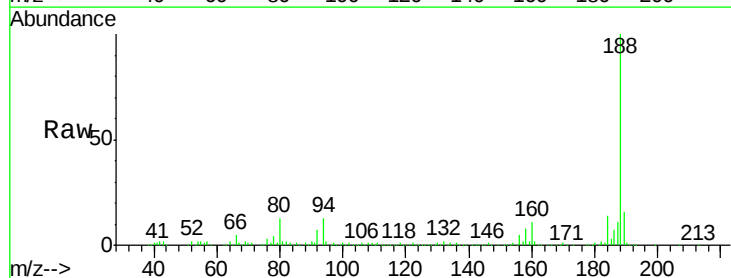
Instrument :
 BNA_F
 ClientSampleId :
 RUSB-03

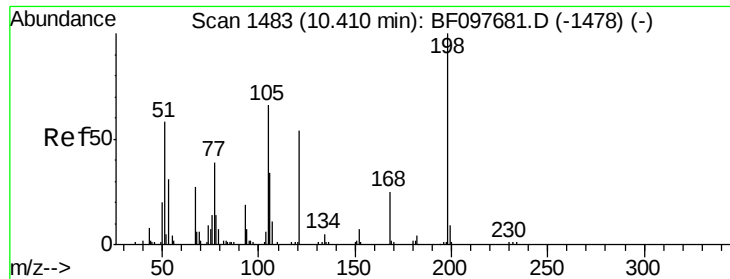
Tot Ion:	165	Resp:	20167
Ion Ratio	Lower	Upper	
165	100		
63	1.8	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Tgt Ion:	188	Resp:	265317
Ion Ratio	Lower	Upper	
188	100		
94	13.0	9.4	14.2
80	13.0	10.2	15.2

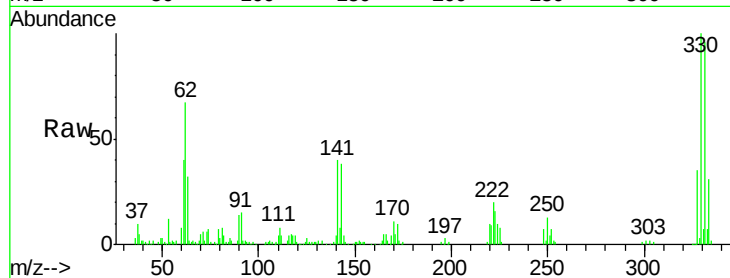




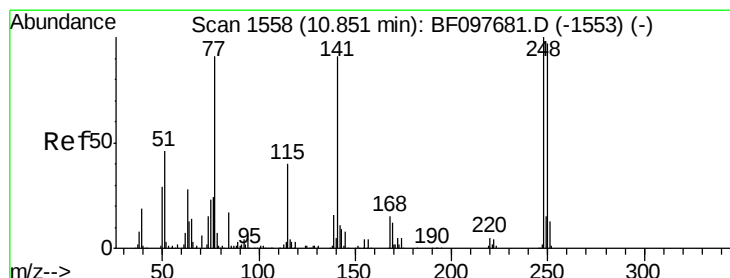
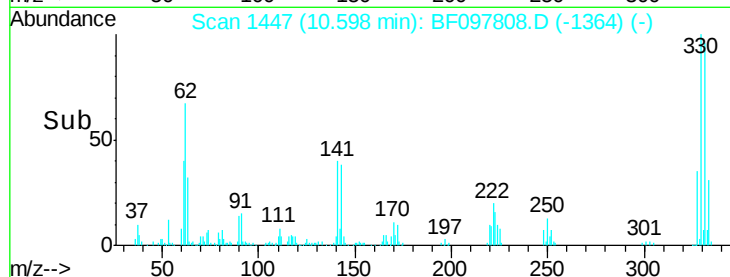
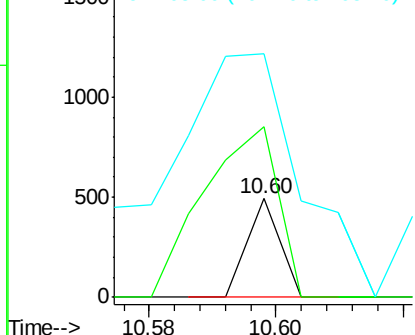
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.44 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.19 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-03

Tot Ion:198 Resp: 174
 Ion Ratio Lower Upper
 198 100
 51 172.9 53.2 93.2#
 105 246.2 45.8 85.8#

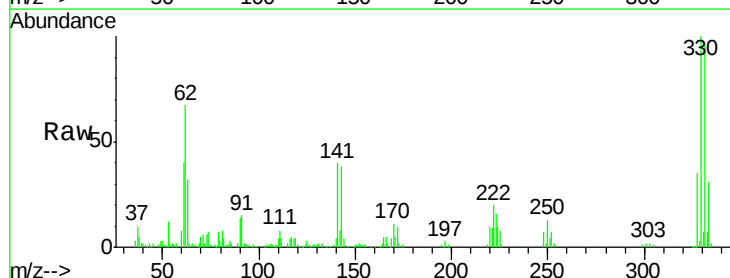


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

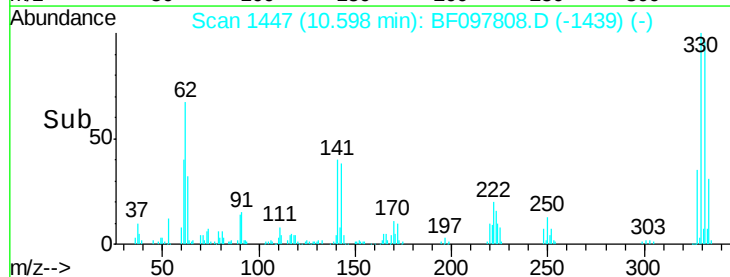
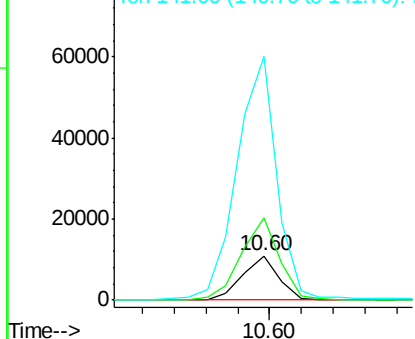


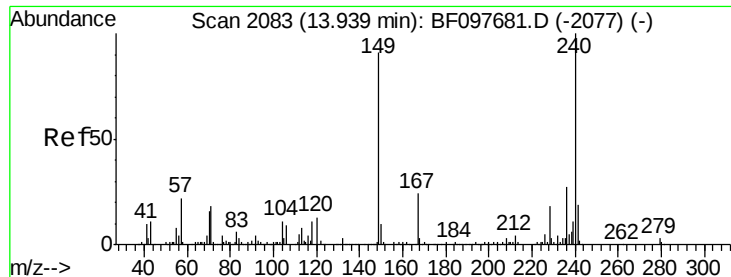
#66
 4-Bromophenyl-phenylether
 Concen: 3.11 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF097808.D
 Acq: 18 Aug 2017 1:37

Tgt Ion:248 Resp: 8569
 Ion Ratio Lower Upper
 248 100
 250 186.4 76.8 115.2#
 141 553.6 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

Instrument :

BNA_F

ClientSampleId :

RUSB-03

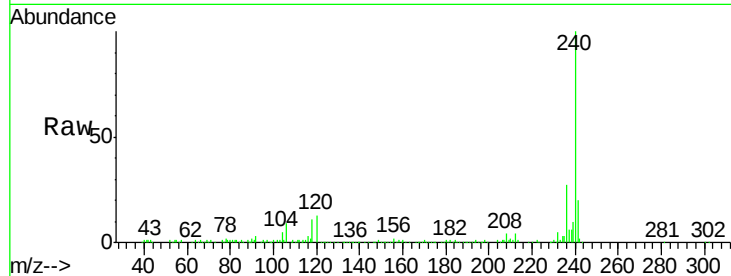
Tot Ion:240 Resp: 272439

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

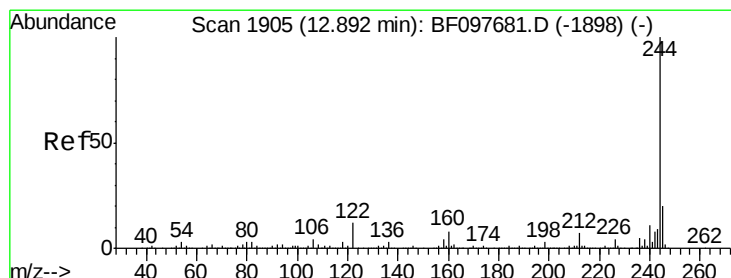
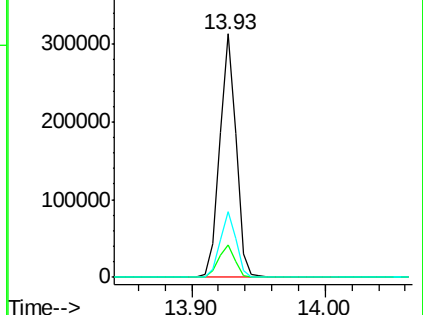
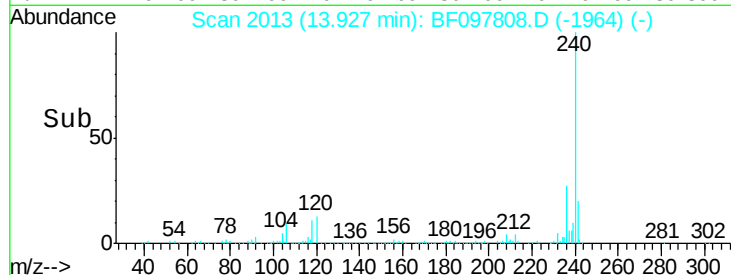
236 27.0 20.5 30.7



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: 47.18 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097808.D

Acq: 18 Aug 2017 1:37

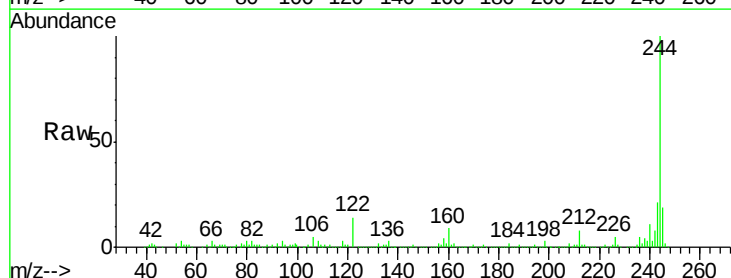
Tgt Ion:244 Resp: 616365

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

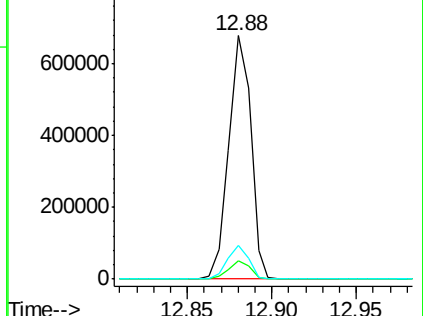
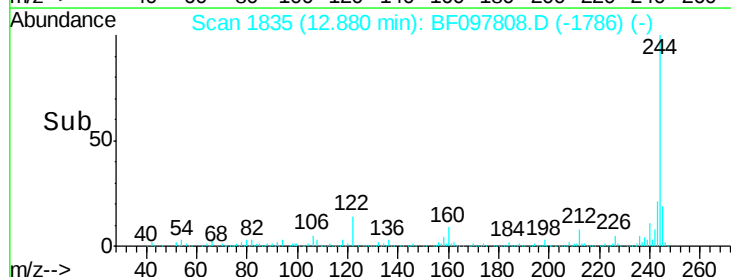
122 13.9 10.3 15.5

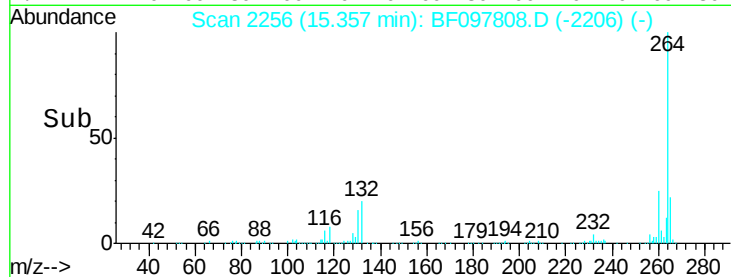
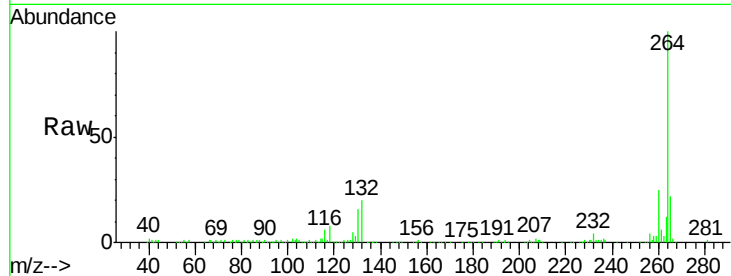
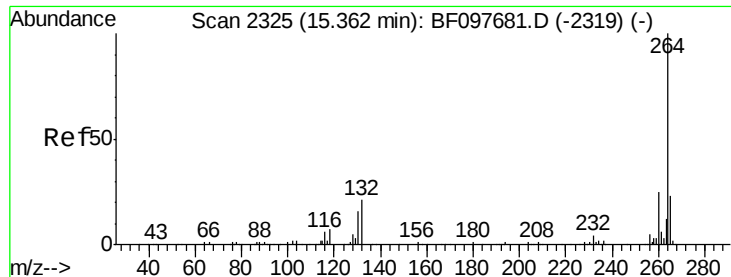


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF097808.D
 Acq: 18 Aug 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-03

Tot Ion:	264	Resp:	192710
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.6	17.2	25.8

