

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097802.D
 Acq On : 17 Aug 2017 22:48
 Operator : SJ/JU
 Sample : I4761-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-04

Quant Time: Aug 18 01:34:23 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

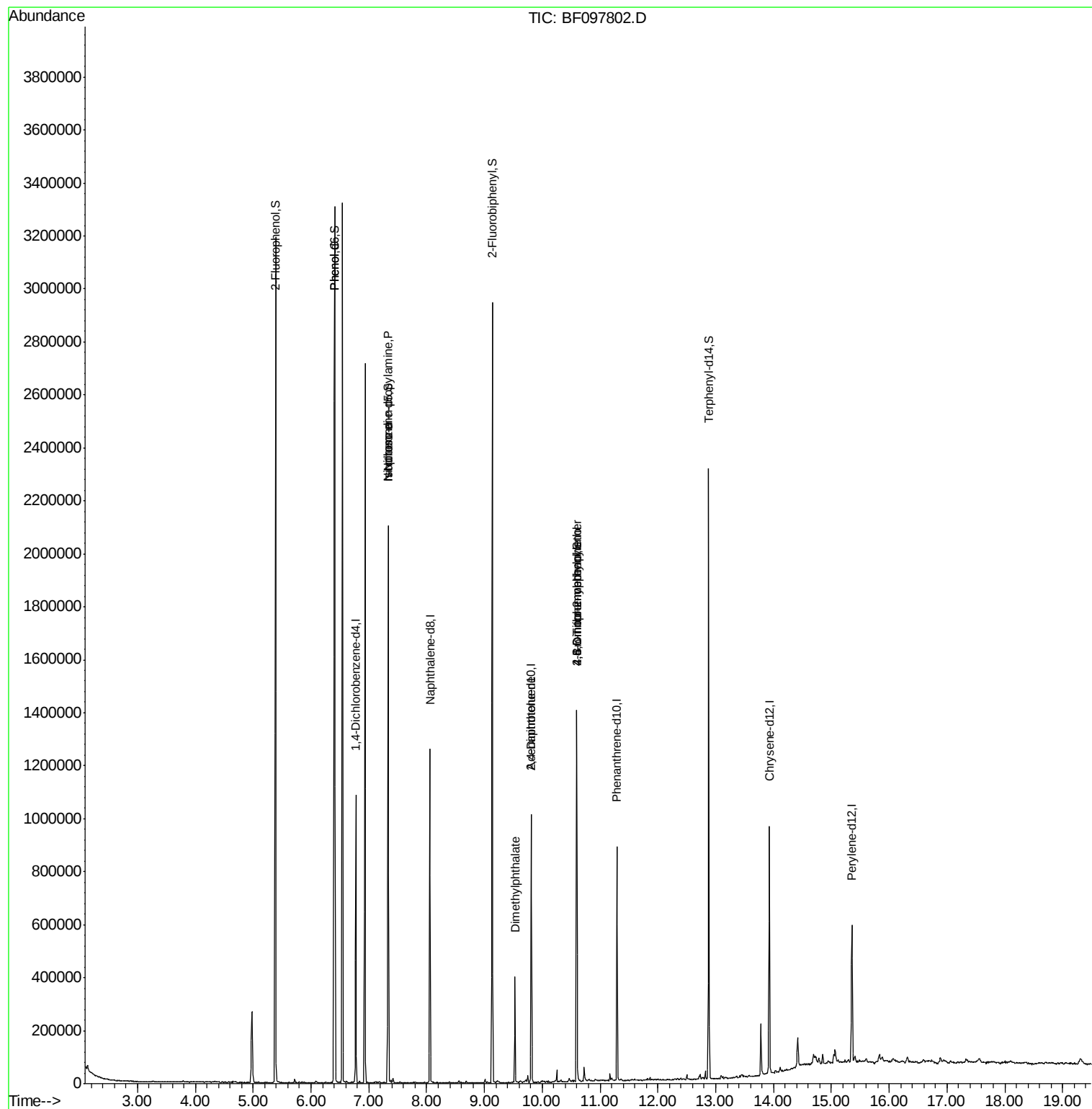
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	132601	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	482970	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	172384	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	281018	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	279618	20.00	ng	-0.01
86) Perylene-d12	15.36	264	207668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	904758	103.79	ng	0.00
7) Phenol-d6	6.41	99	1207282	101.93	ng	0.00
23) Nitrobenzene-d5	7.34	82	708544	79.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	144298	96.47	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	911493	77.69	ng	-0.01
78) Terphenyl-d14	12.88	244	666861	49.73	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	39750	2.87	ng	# 72
19) n-Nitroso-di-n-propylamine	7.34	70	96255	11.87	ng	# 72
25) Isophorone	7.34	82	706229	38.20	ng	# 67
49) Dimethylphthalate	9.53	163	125881	9.99	ng	99
56) 2,4-Dinitrotoluene	9.81	165	21815	6.91	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.59	198	289	8.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	9444	3.24	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

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BNA_F

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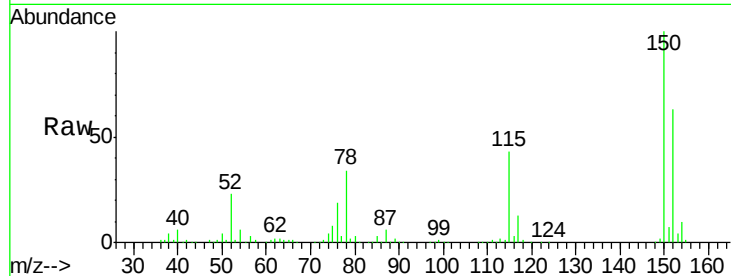
Tot Ion:152 Resp: 132601

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

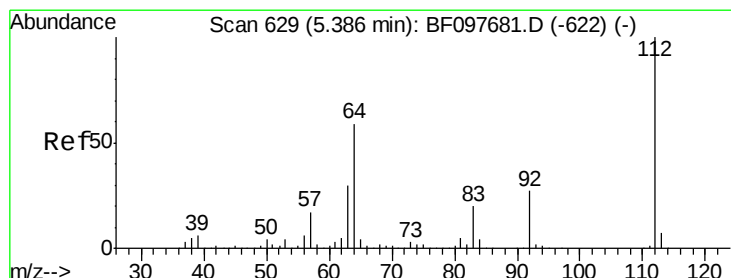
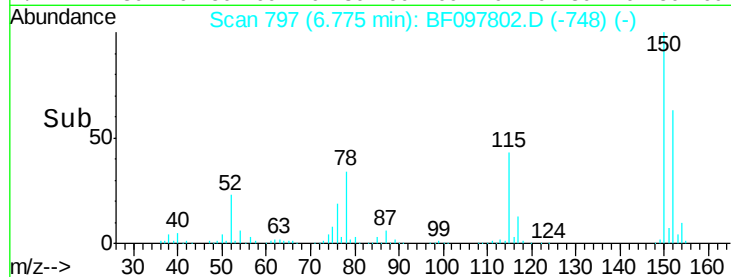
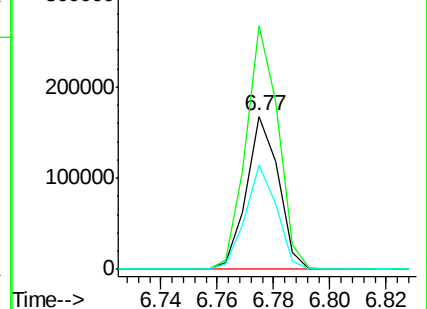
115 68.2 52.2 78.2



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: 103.79 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF097802.D

Acq: 17 Aug 2017 22:48

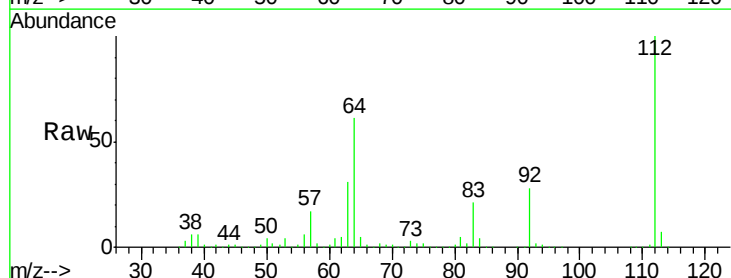
Tgt Ion:112 Resp: 904758

Ion Ratio Lower Upper

112 100

64 60.6 46.0 69.0

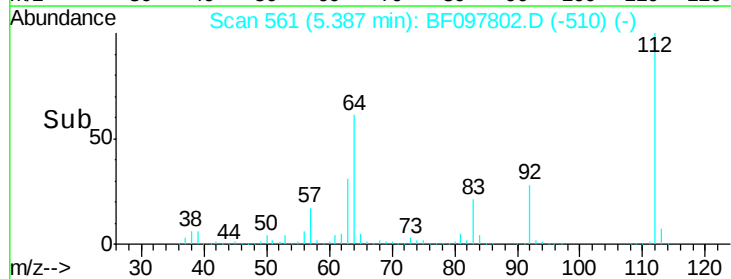
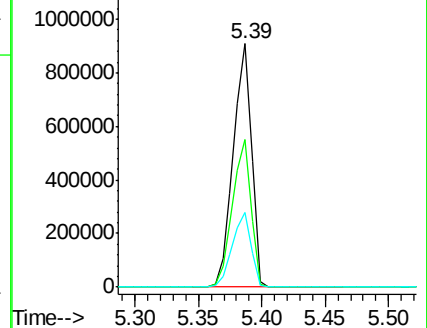
63 30.7 23.4 35.0

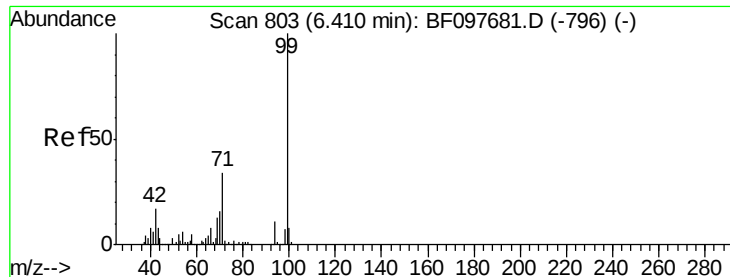


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.93 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097802.D

Acq: 17 Aug 2017 22:48

Instrument :

BNA_F

ClientSampleId :

RUSB-04

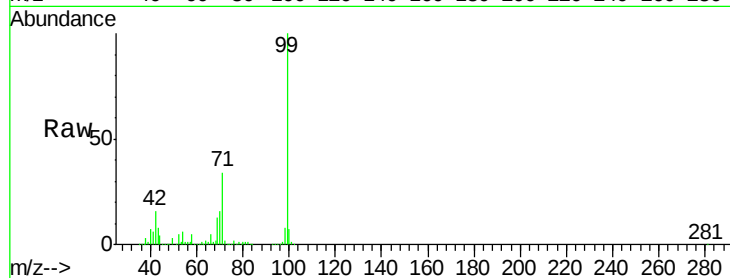
Tot Ion: 99 Resp: 1207282

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

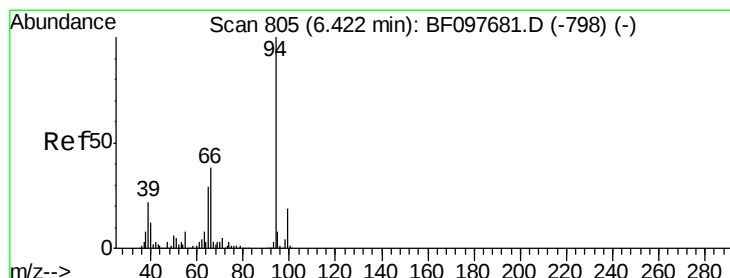
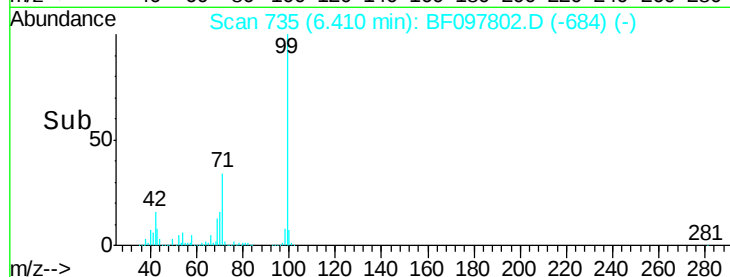
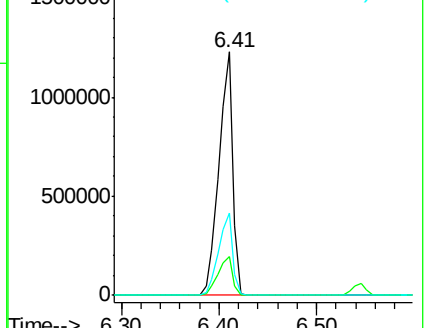
71 33.8 24.5 36.7



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



#10

Phenol

Concen: 2.87 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF097802.D

Acq: 17 Aug 2017 22:48

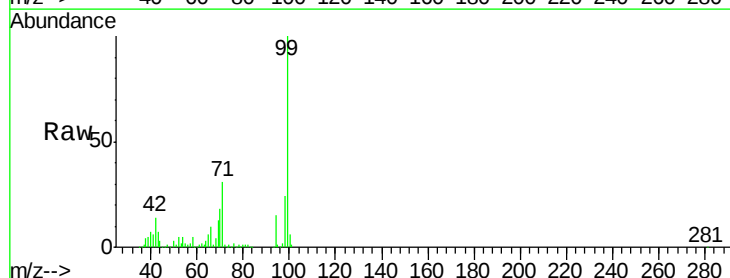
Tgt Ion: 94 Resp: 39750

Ion Ratio Lower Upper

94 100

65 36.6 9.9 49.9

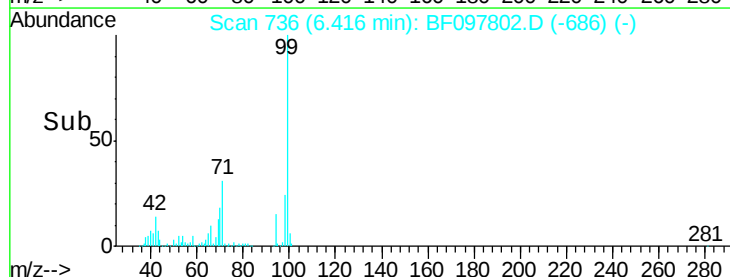
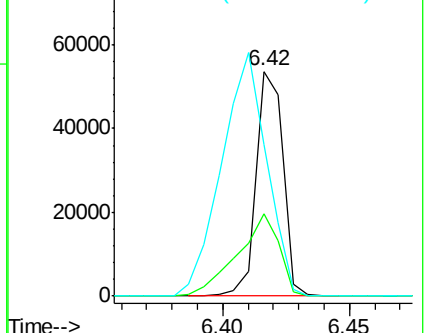
66 67.6 23.1 63.1#

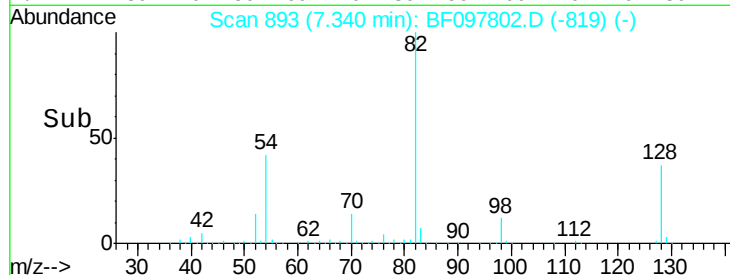
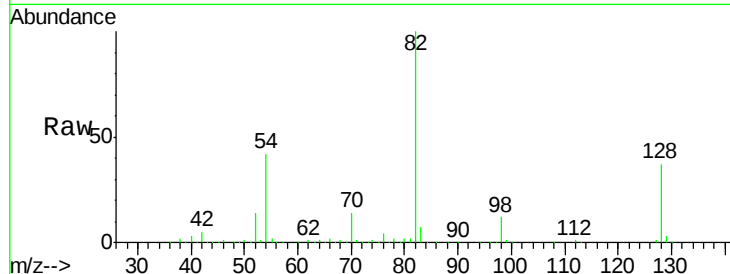
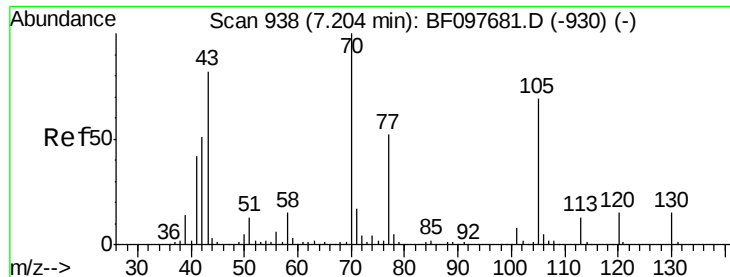


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

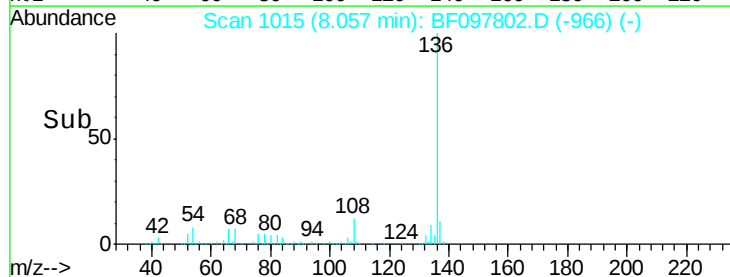
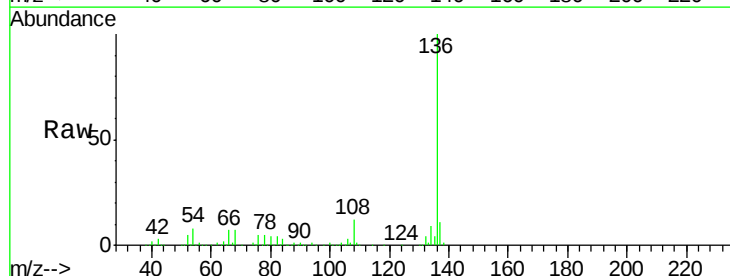
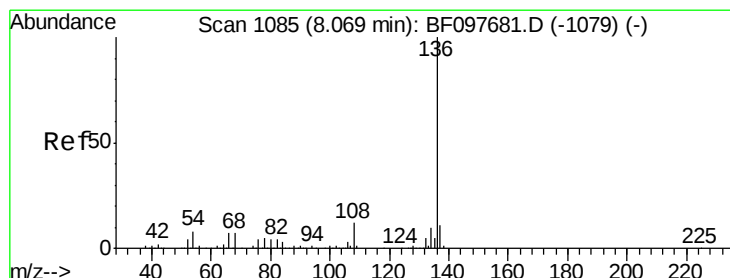
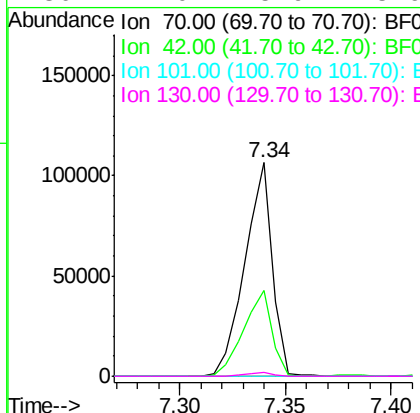




#19
n-Nitroso-di-n-propylamine
Concen: 11.87 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097802.D
Acq: 17 Aug 2017 22:48

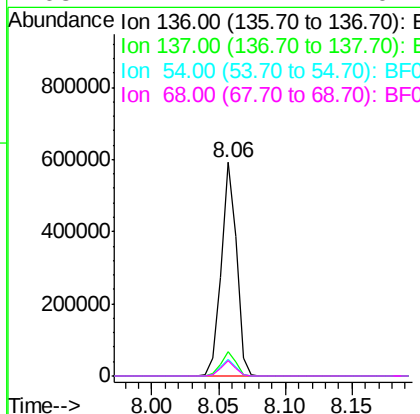
Instrument :
BNA_F
ClientSampleId :
RUSB-04

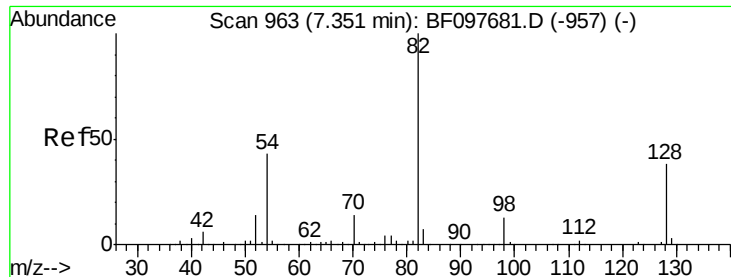
Tot Ion: 70 Resp: 96255
Ion Ratio Lower Upper
70 100
42 40.2 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097802.D
Acq: 17 Aug 2017 22:48

Tgt Ion: 136 Resp: 482970
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.7 4.9 7.3#
68 7.4 4.1 6.1#

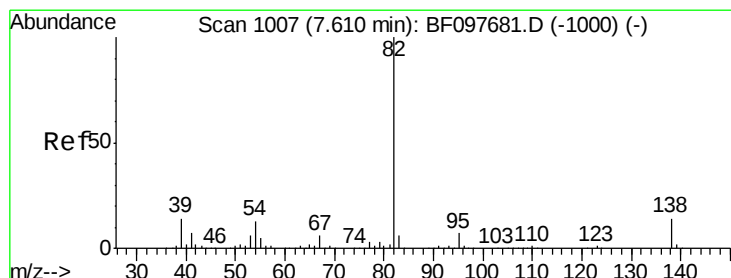
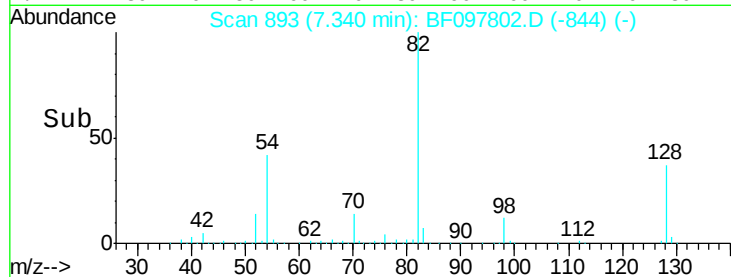
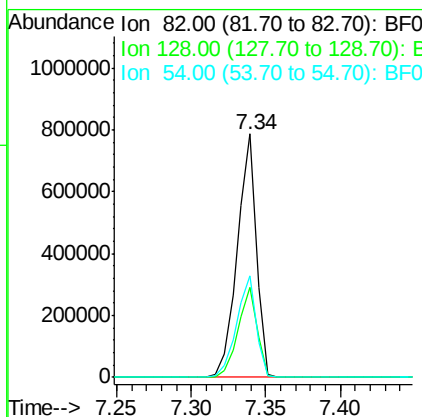
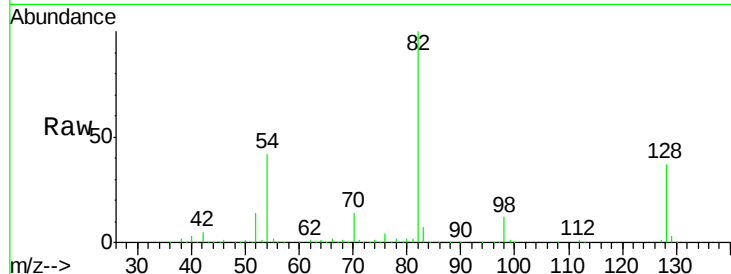




#23
 Nitrobenzene-d5
 Concen: 79.70 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097802.D
 Acq: 17 Aug 2017 22:48

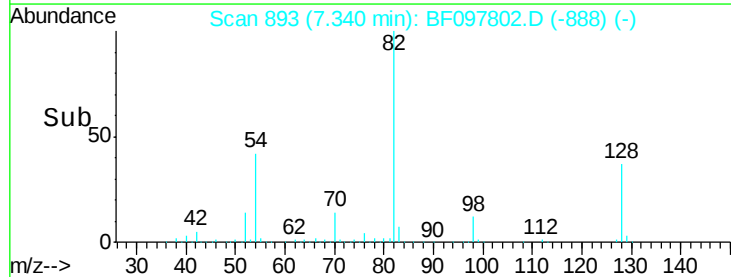
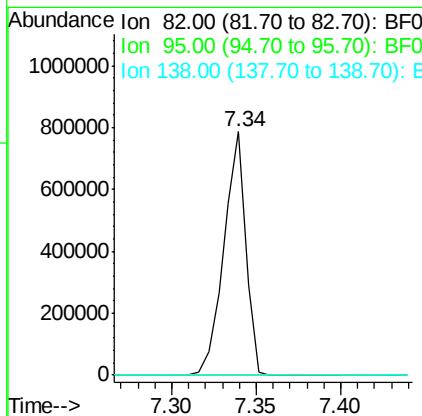
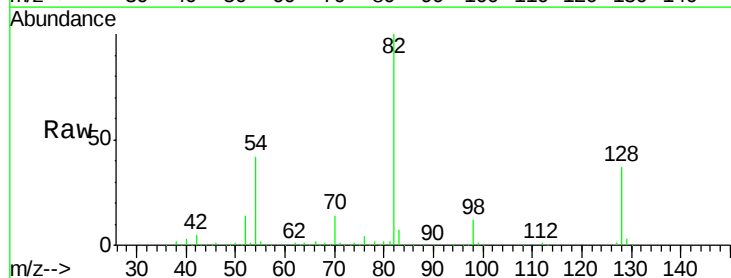
Instrument :
 BNA_F
 ClientSampleId :
 RUSB-04

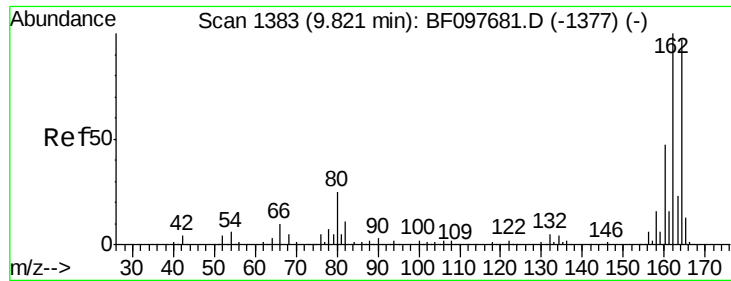
Tot Ion	82	Resp	708544
Ion Ratio	Lower	Upper	
82	100		
128	37.2	34.0	51.0
54	41.6	42.2	63.2#



#25
 Isophorone
 Concen: 38.20 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.27 min
 Lab File: BF097802.D
 Acq: 17 Aug 2017 22:48

Tgt Ion	82	Resp	706229
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

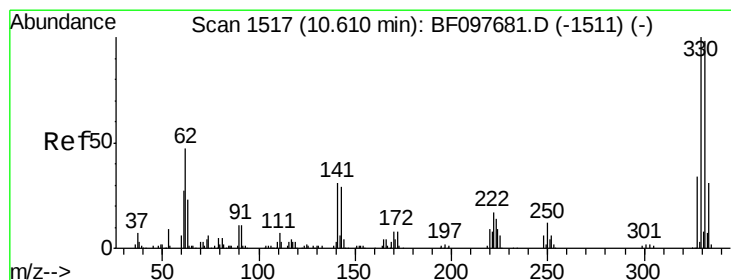
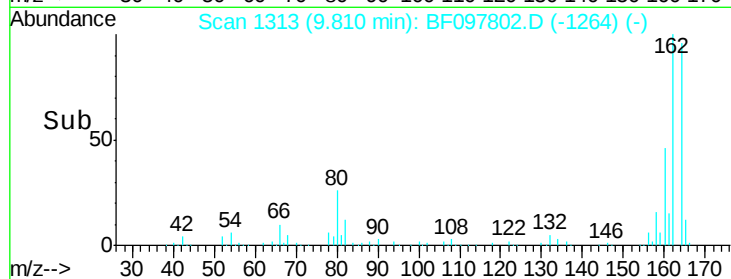
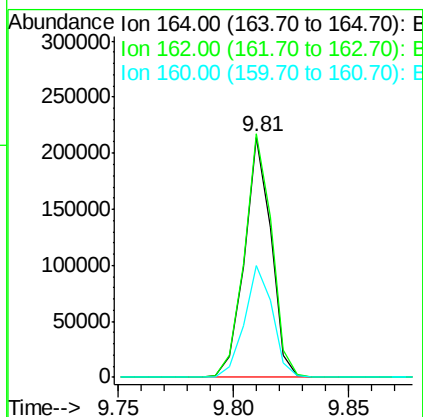
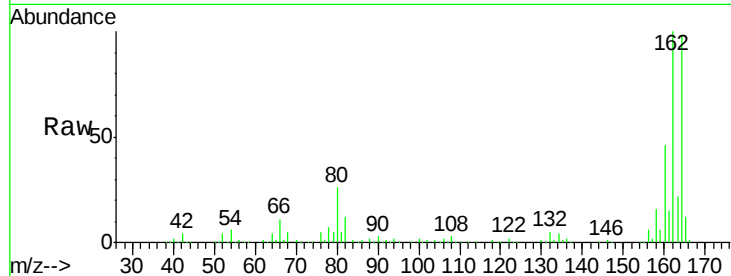




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097802.D
 Acq: 17 Aug 2017 22:48

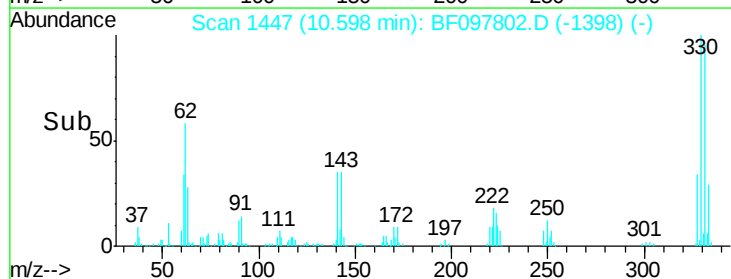
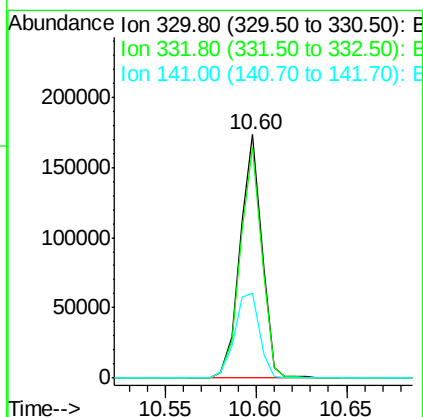
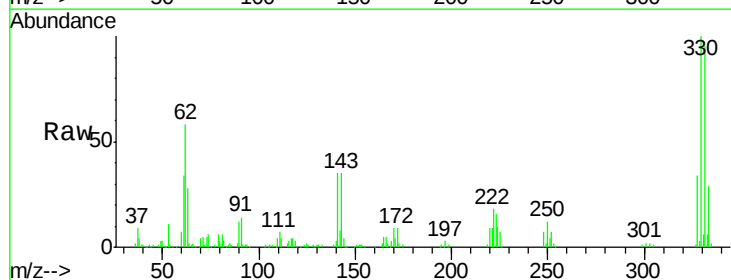
Instrument :
 BNA_F
 ClientSampled :
 RUSB-04

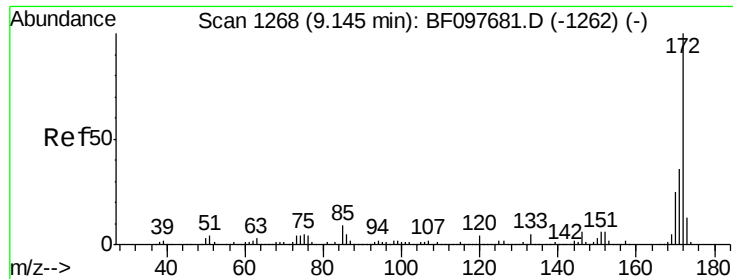
Tot Ion:164 Resp: 172384
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 46.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 96.47 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097802.D
 Acq: 17 Aug 2017 22:48

Tgt Ion:330 Resp: 144298
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 40.5 31.4 47.2

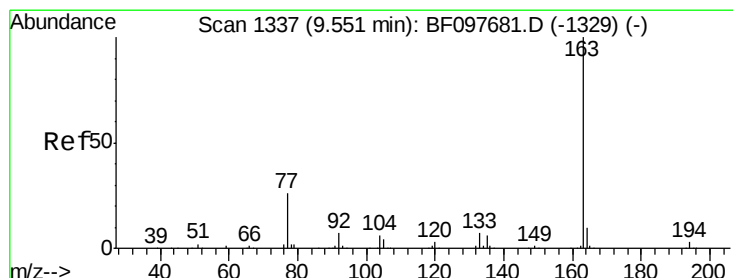
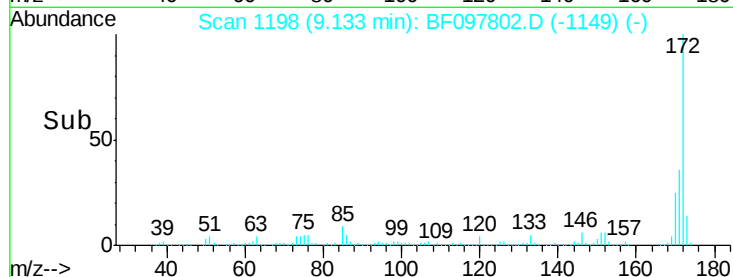
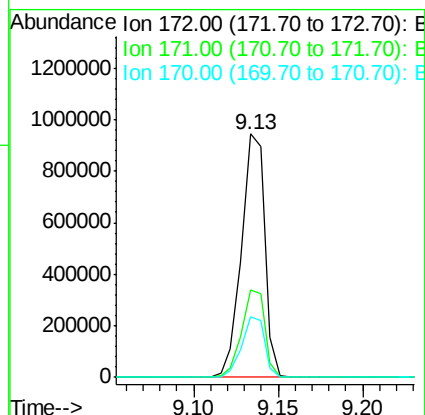
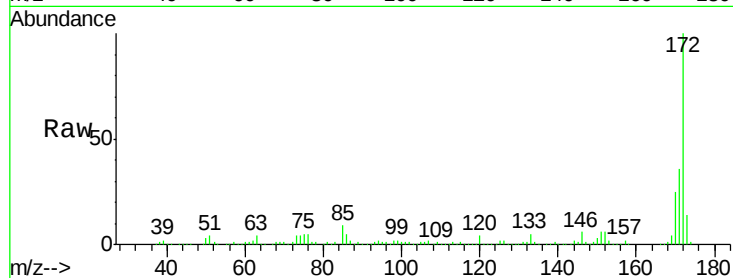




#44
2-Fluorobiphenyl
Concen: 77.69 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097802.D
Acq: 17 Aug 2017 22:48

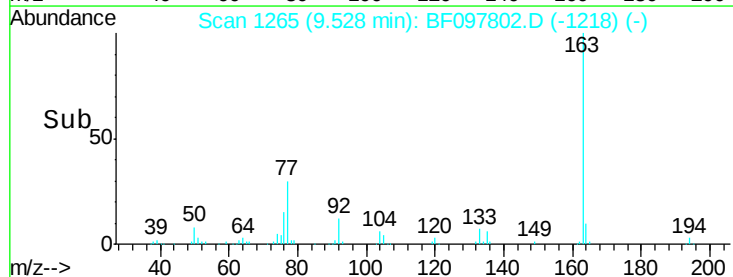
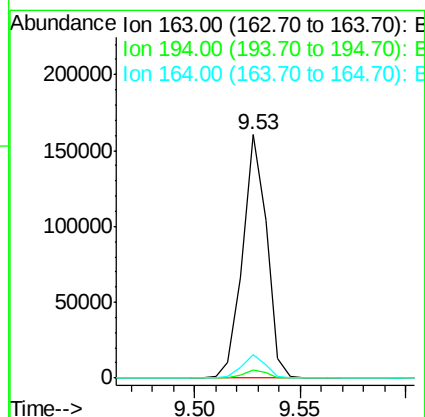
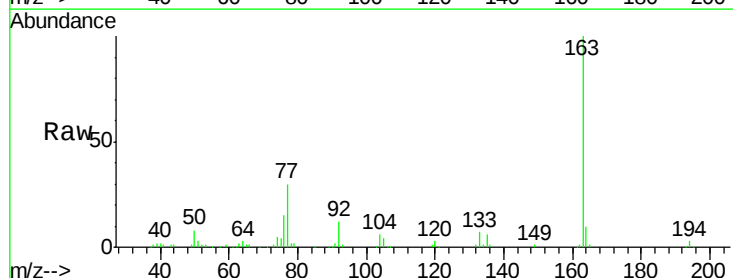
Instrument :
BNA_F
ClientSampleId :
RUSB-04

Tot Ion:172 Resp: 911493
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.6 19.8 29.8



#49
Dimethylphthalate
Concen: 9.99 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097802.D
Acq: 17 Aug 2017 22:48

Tgt Ion:163 Resp: 125881
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 8.4 12.6

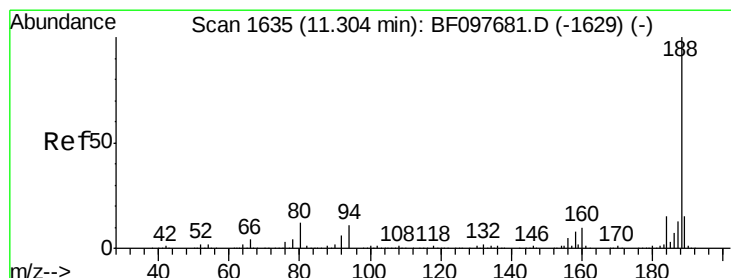
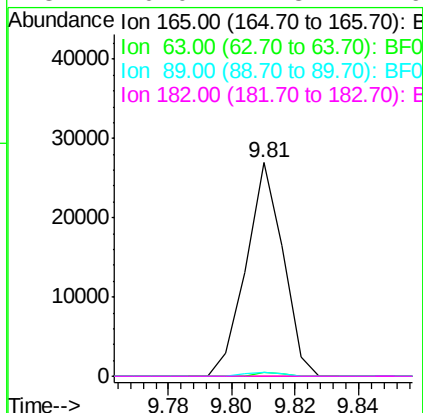
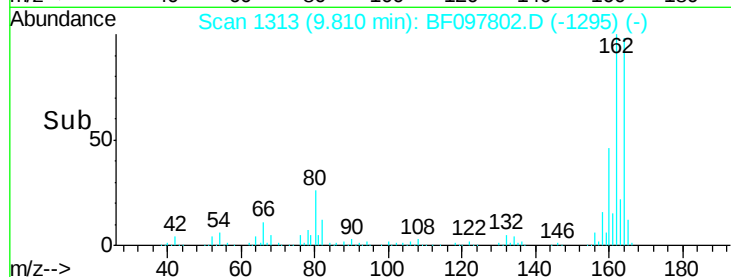
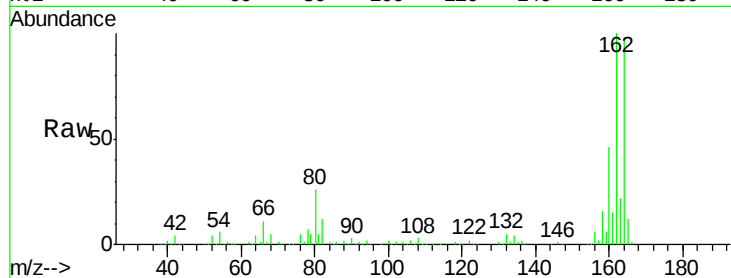




#56
 2,4-Dinitrotoluene
 Concen: 6.91 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097802.D
 Acq: 17 Aug 2017 22:48

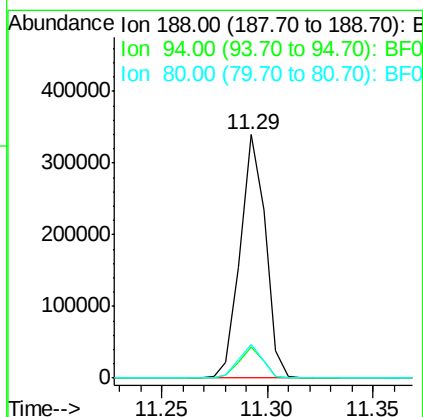
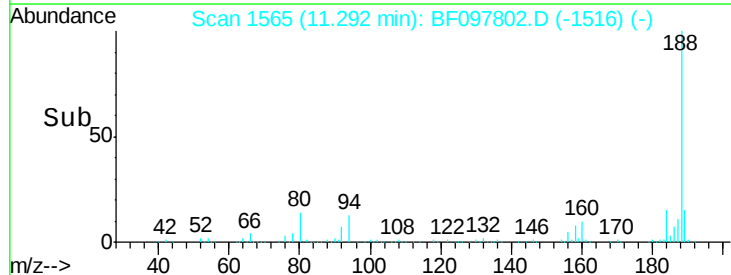
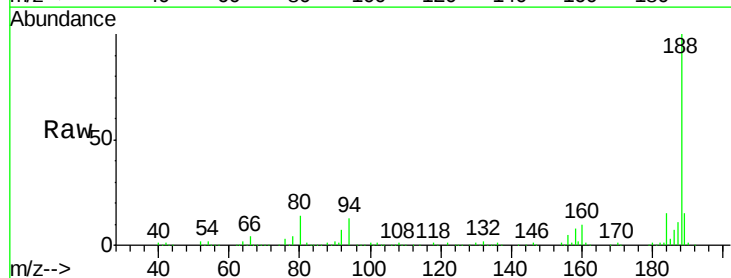
Instrument :
 BNA_F
 ClientSampleId :
 RUSB-04

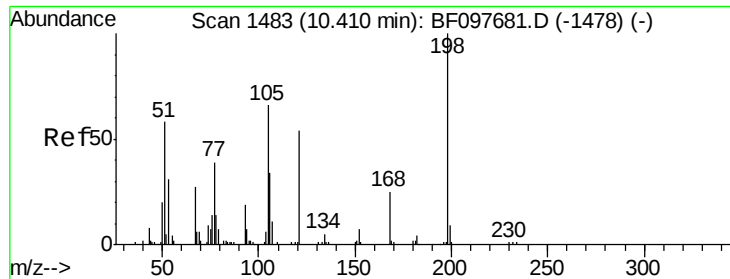
Tot Ion:165	Resp:	21815
Ion Ratio	Lower	Upper
165	100	
63	1.5	25.4 38.0#
89	2.0	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097802.D
 Acq: 17 Aug 2017 22:48

Tgt Ion:188	Resp:	281018
Ion Ratio	Lower	Upper
188	100	
94	12.8	9.4 14.2
80	13.6	10.2 15.2

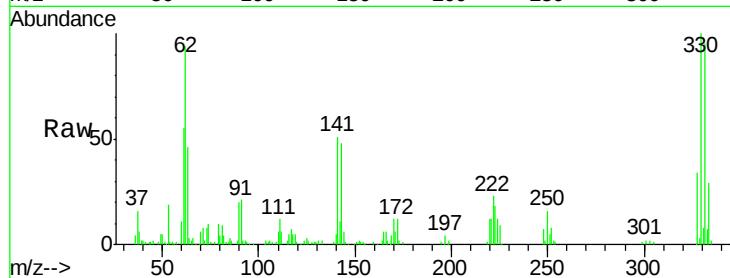




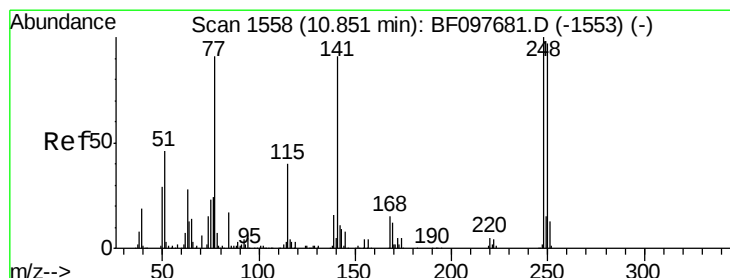
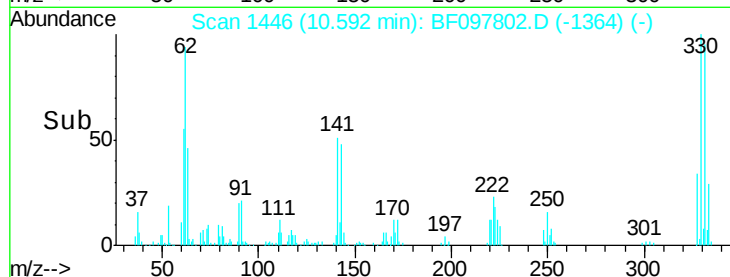
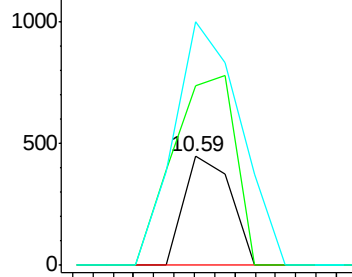
#64
4,6-Dinitro-2-methylphenol
Concen: 8.50 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF097802.D
Acq: 17 Aug 2017 22:48

Instrument :
BNA_F
ClientSampleId :
RUSB-04

Tot Ion:198 Resp: 289
Ion Ratio Lower Upper
198 100
51 165.5 53.2 93.2#
105 224.0 45.8 85.8#

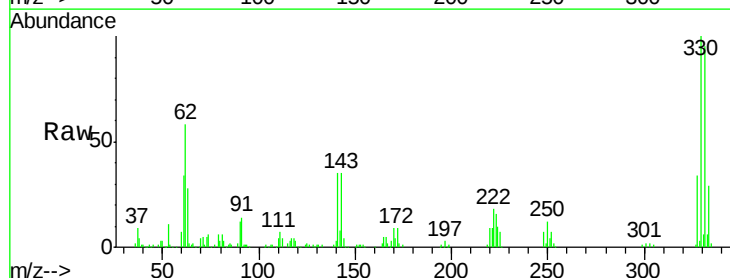


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

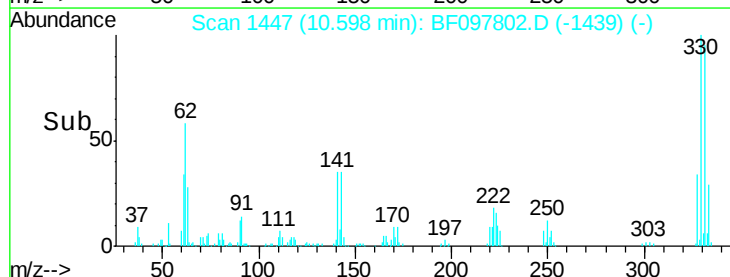
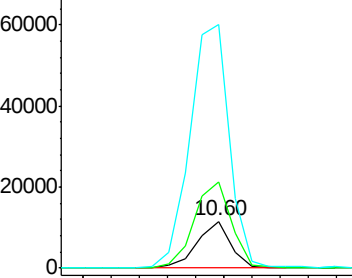


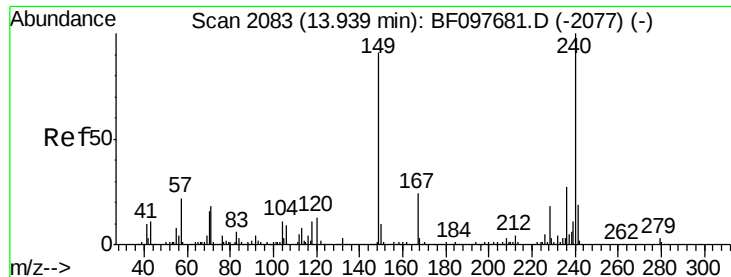
#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097802.D
Acq: 17 Aug 2017 22:48

Tgt Ion:248 Resp: 9444
Ion Ratio Lower Upper
248 100
250 184.3 76.8 115.2#
141 521.2 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# 2083

Delta R.T. -0.01 min

Lab File: BF097802.D

Acq: 17 Aug 2017 22:48

Instrument :

BNA_F

ClientSampleId :

RUSB-04

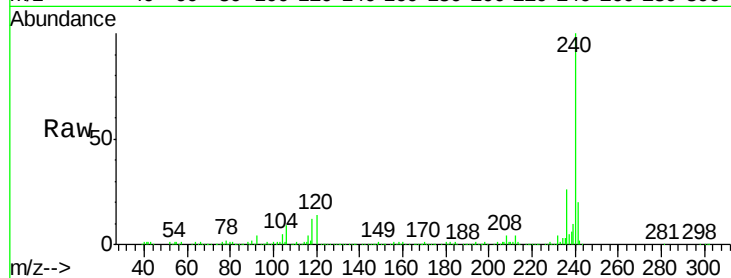
Tot Ion:240 Resp: 279618

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

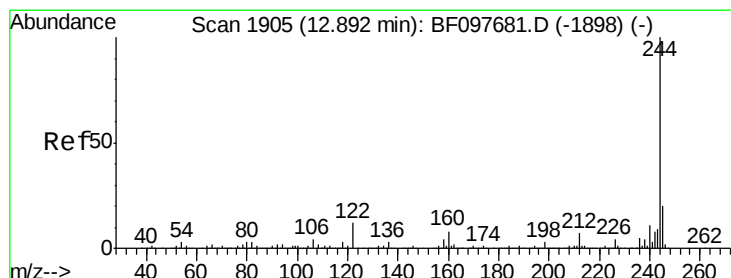
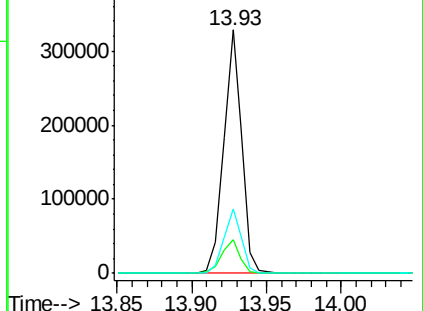
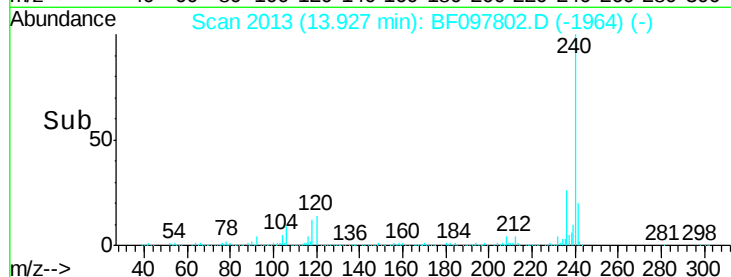
236 26.4 20.5 30.7



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: 49.73 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097802.D

Acq: 17 Aug 2017 22:48

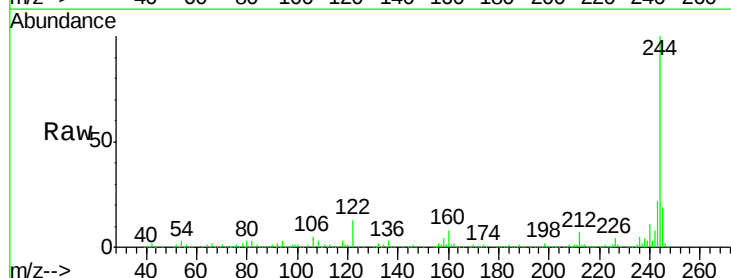
Tgt Ion:244 Resp: 666861

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

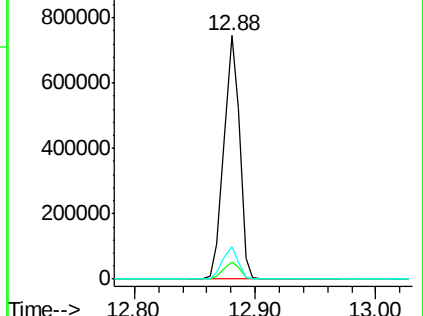
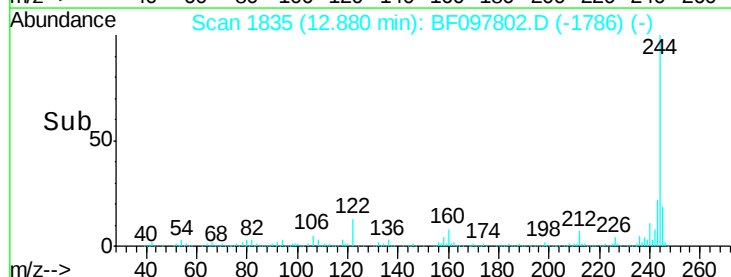
122 13.5 10.3 15.5

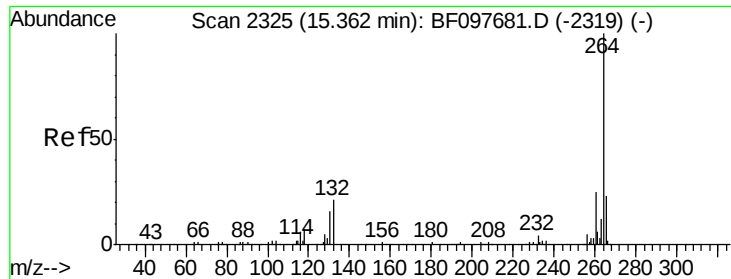


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

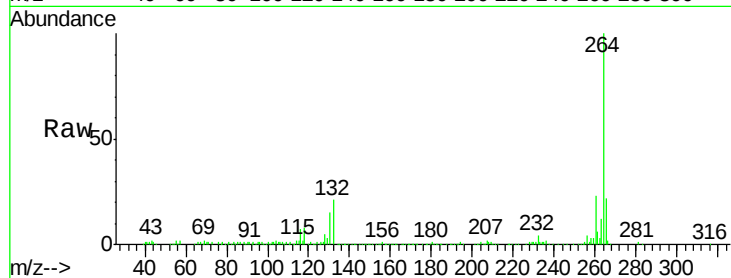




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097802.D
 Acq: 17 Aug 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-04

Tot Ion:264	Resp:	207668
Ion	Ratio	Lower Upper
264	100	
260	23.3	19.5 29.3
265	21.8	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

