

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097932.D
 Acq On : 22 Aug 2017 3:45
 Operator : SJ/JU
 Sample : I4881-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-10

Quant Time: Aug 22 04:44:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

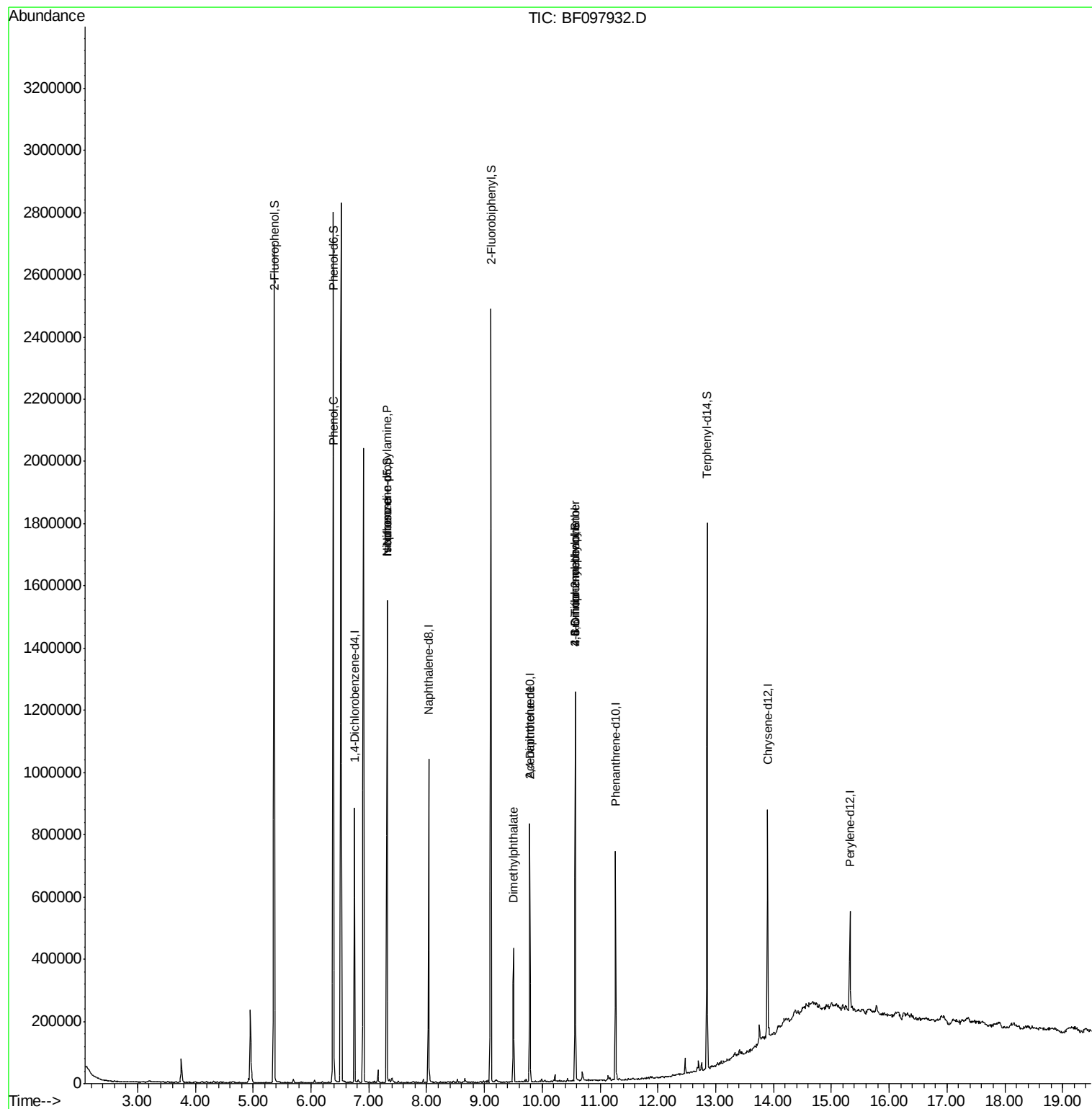
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	111320	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	398315	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	149927	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	264002	20.00	ng	0.00
75) Chrysene-d12	13.90	240	223493	20.00	ng	0.00
86) Perylene-d12	15.32	264	147231	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	813753	111.19	ng	0.01
7) Phenol-d6	6.39	99	1063358	106.94	ng	0.00
23) Nitrobenzene-d5	7.32	82	578376	78.88	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	129905	99.86	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	709708	69.55	ng	0.00
78) Terphenyl-d14	12.85	244	497982	46.46	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.40	94	37897	3.26	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	77963	11.45	ng	# 71
25) Isophorone	7.32	82	569776	37.37	ng	# 67
49) Dimethylphthalate	9.50	163	143334	13.08	ng	98
56) 2,4-Dinitrotoluene	9.79	165	19234	7.01	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.57	198	395	8.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	8730	3.18	ng	# 1

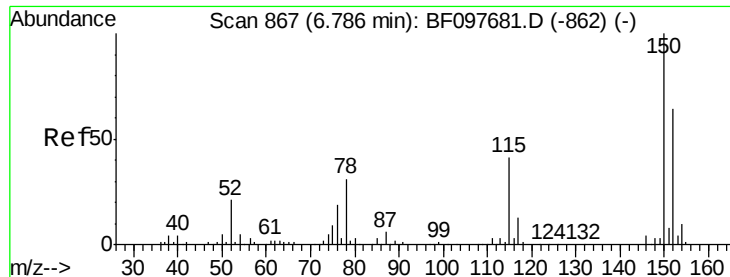
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF097932.D

Acq: 22 Aug 2017 3:45

Instrument :

BNA_F

ClientSampleId :

RWB-10

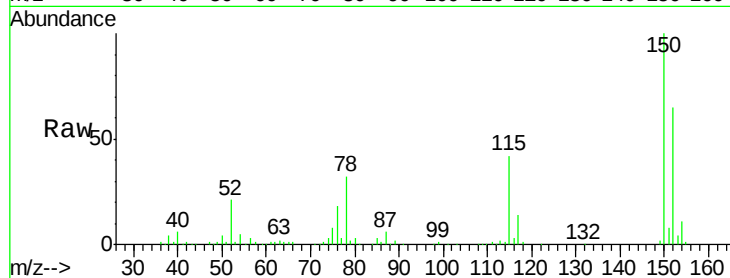
Tot Ion:152 Resp: 111320

Ion Ratio Lower Upper

152 100

150 154.3 126.2 189.2

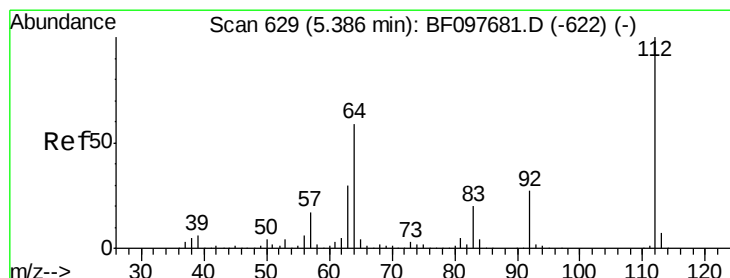
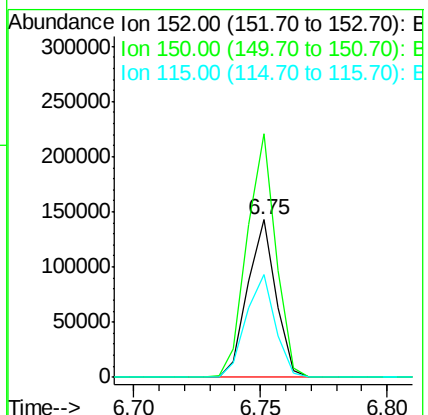
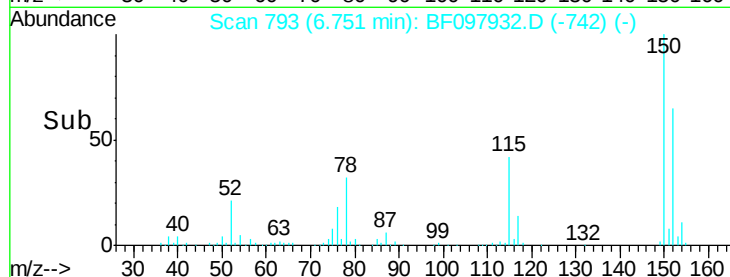
115 64.9 52.2 78.2



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: 111.19 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF097932.D

Acq: 22 Aug 2017 3:45

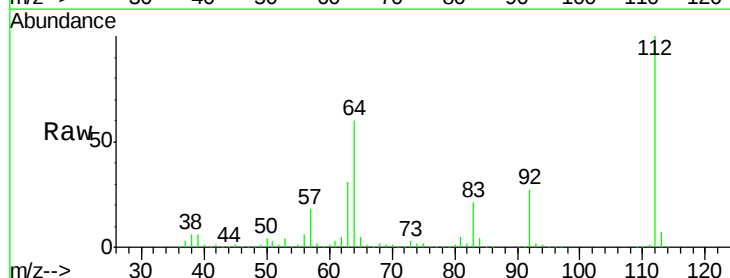
Tgt Ion:112 Resp: 813753

Ion Ratio Lower Upper

112 100

64 60.4 46.0 69.0

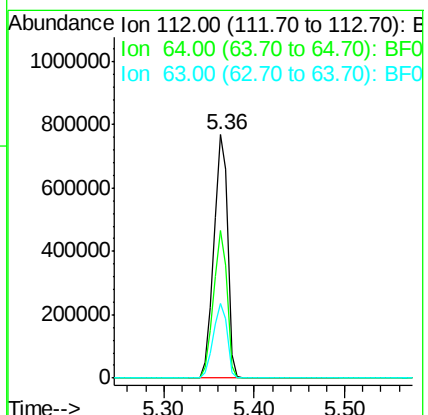
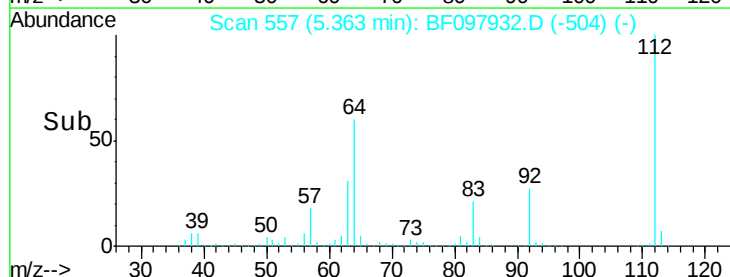
63 30.9 23.4 35.0

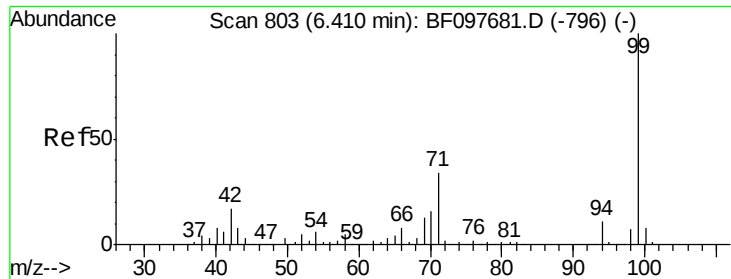


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.94 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097932.D

Acq: 22 Aug 2017 3:45

Instrument :

BNA_F

ClientSampleId :

RWB-10

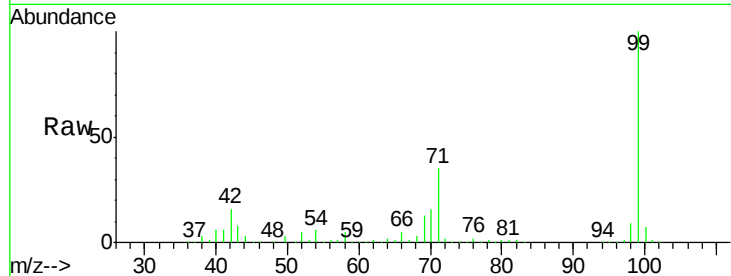
Tot Ion: 99 Resp: 1063358

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

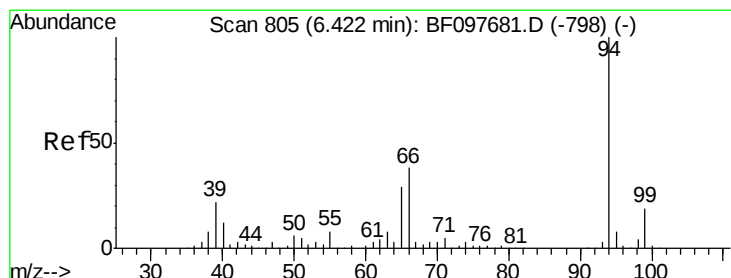
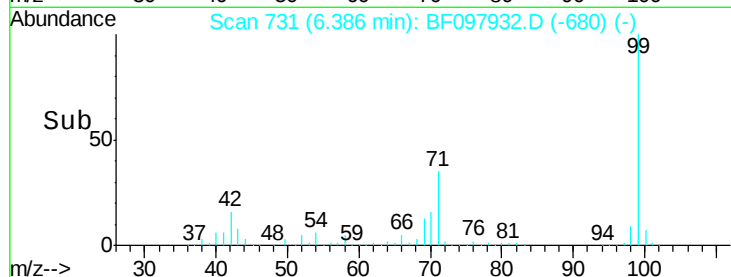
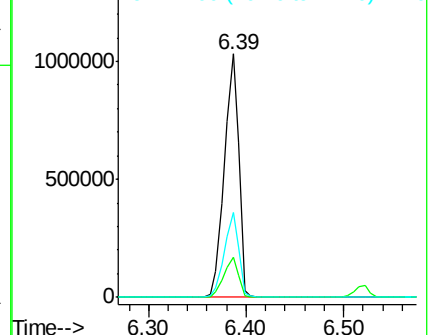
71 34.7 24.5 36.7



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: 3.26 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF097932.D

Acq: 22 Aug 2017 3:45

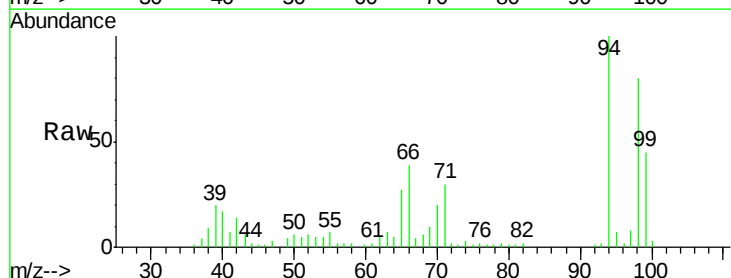
Tgt Ion: 94 Resp: 37897

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

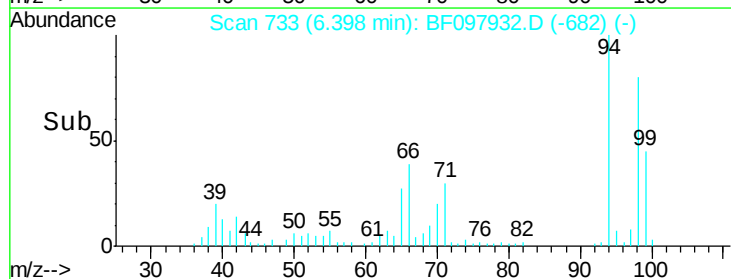
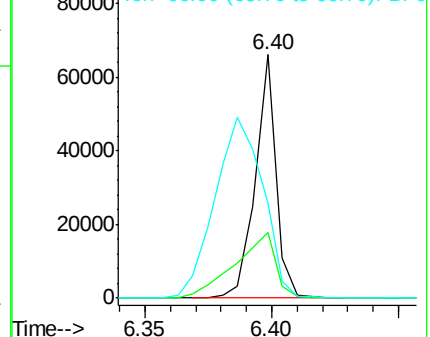
66 39.1 23.1 63.1

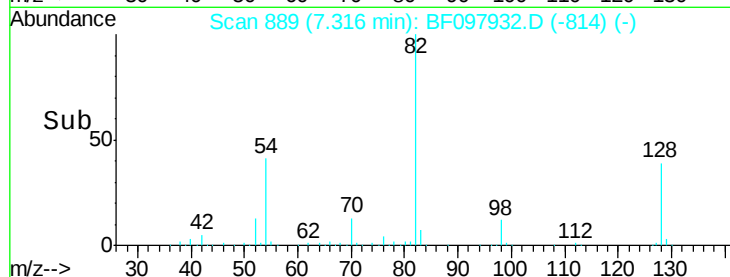
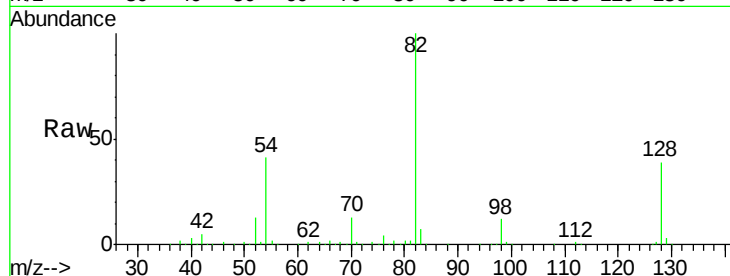
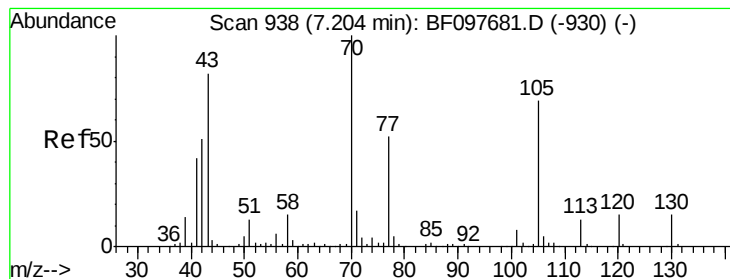


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 11.45 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF097932.D

Acq: 22 Aug 2017 3:45

Instrument :

BNA_F

ClientSampleId :

RWB-10

Tot Ion: 70 Resp: 77963

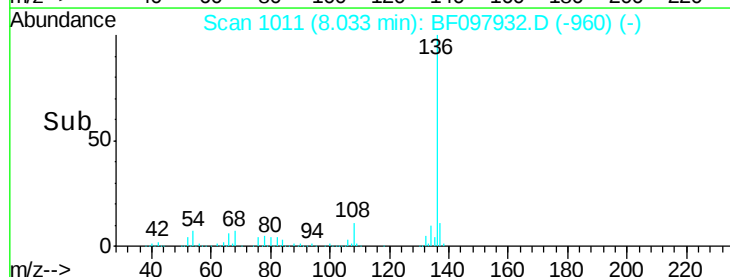
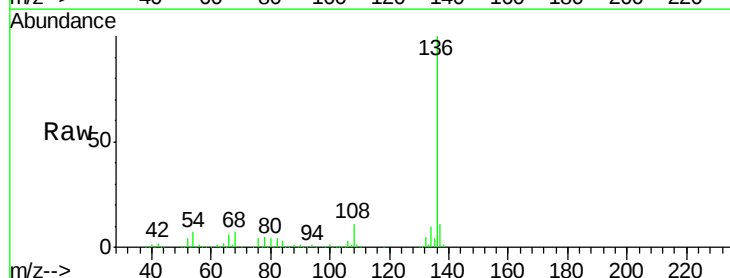
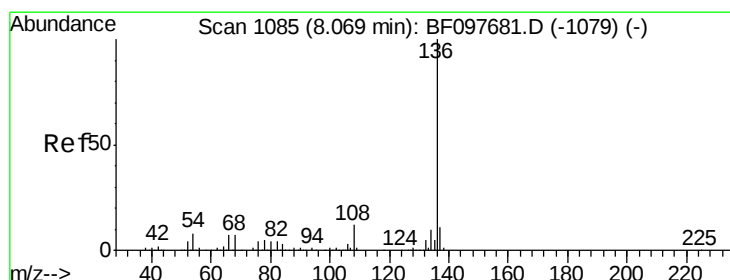
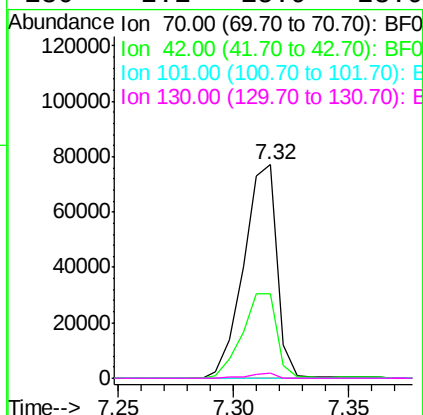
Ion Ratio Lower Upper

70 100

42 39.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF097932.D

Acq: 22 Aug 2017 3:45

Tgt Ion: 136 Resp: 398315

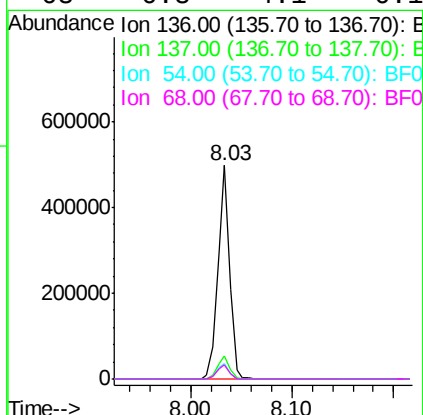
Ion Ratio Lower Upper

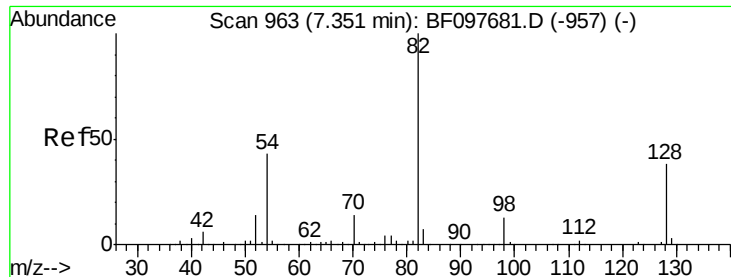
136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 6.8 4.1 6.1#

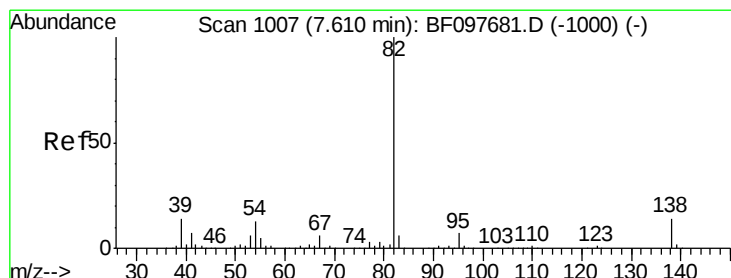
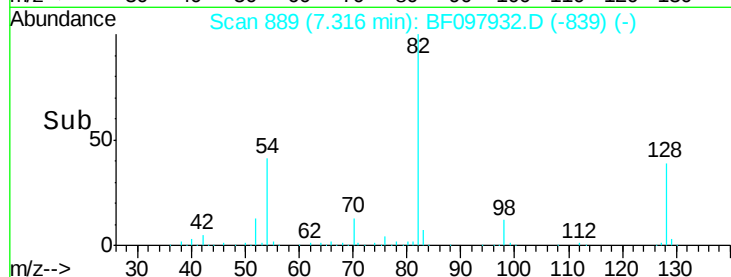
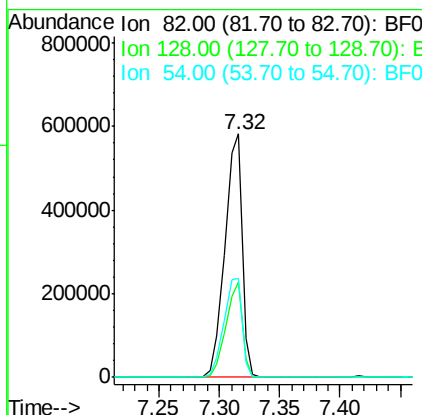
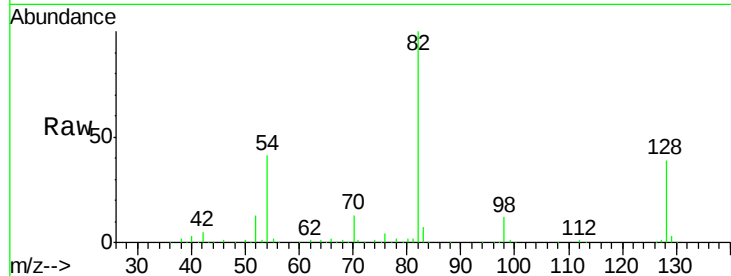




#23
 Nitrobenzene-d5
 Concen: 78.88 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

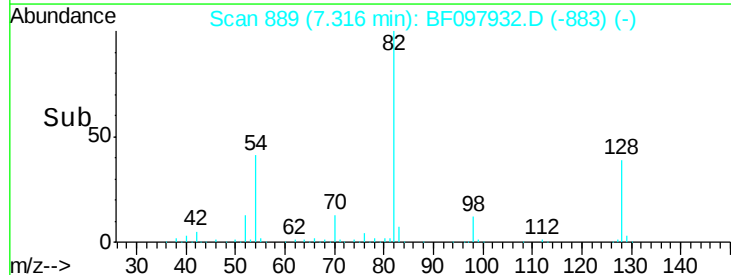
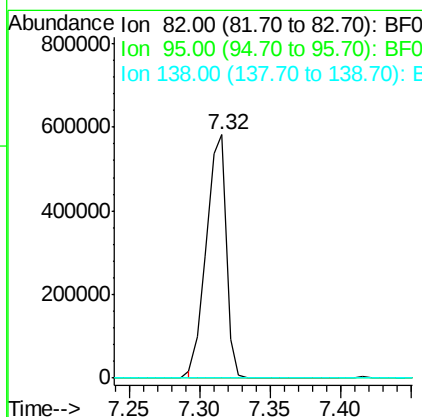
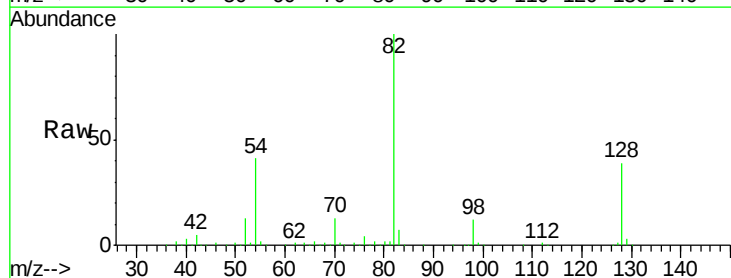
Instrument :
 BNA_F
 ClientSampleId :
 RWB-10

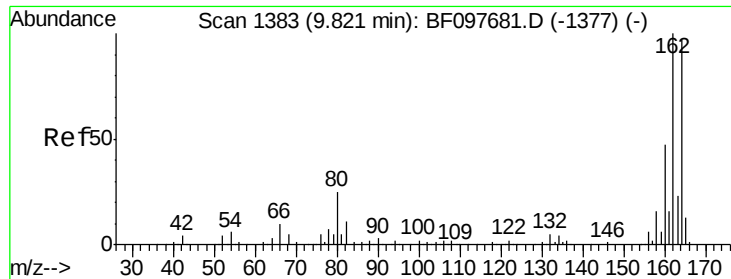
Tot Ion	82	Resp	578376
Ion Ratio	Lower	Upper	
82	100		
128	39.3	34.0	51.0
54	40.7	42.2	63.2#



#25
 Isophorone
 Concen: 37.37 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

Tgt Ion	82	Resp	569776
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

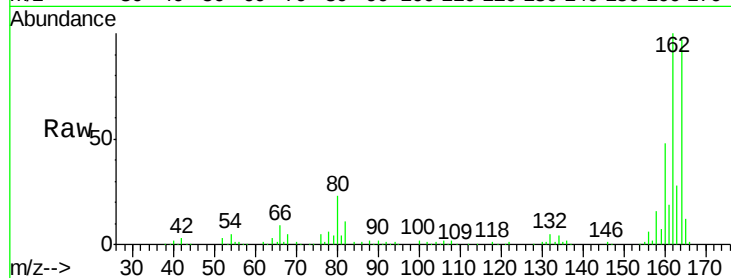




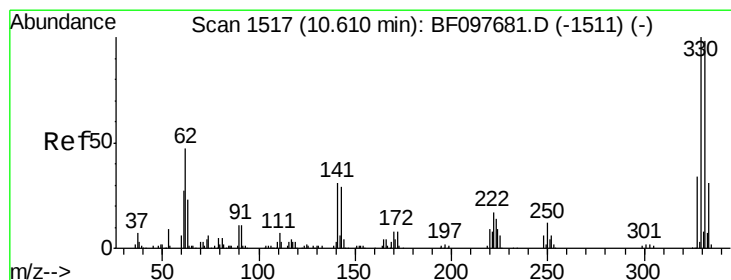
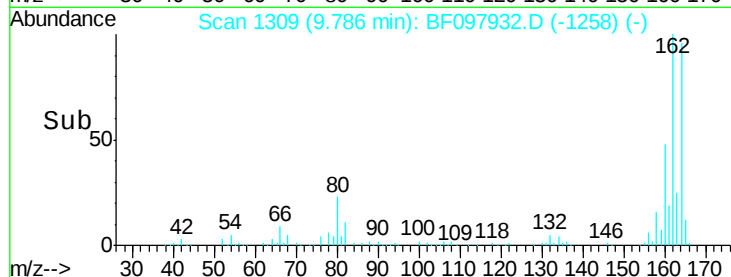
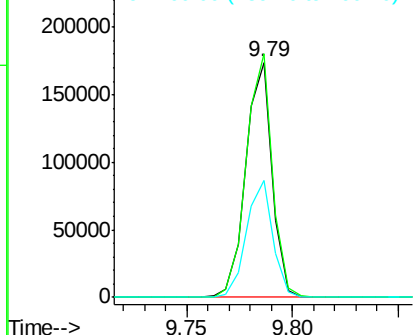
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 RWB-10

Tot Ion:164 Resp: 149927
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 49.8 36.2 54.2

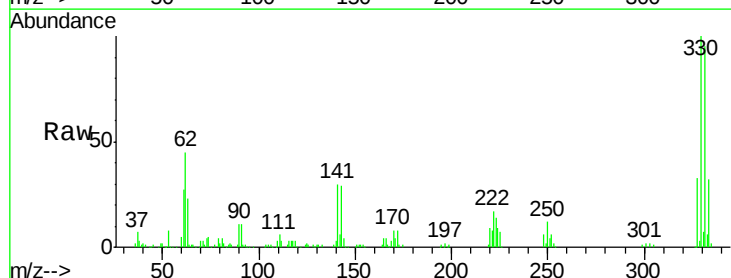


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

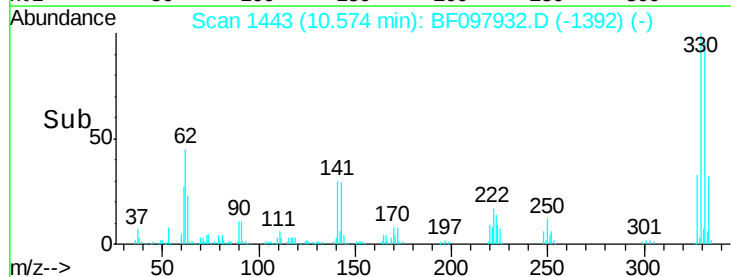
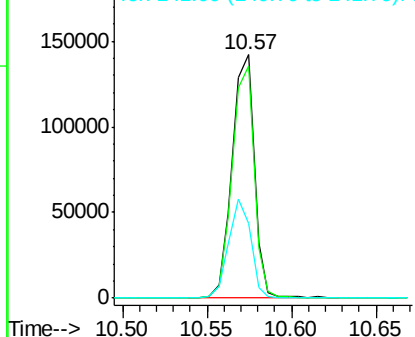


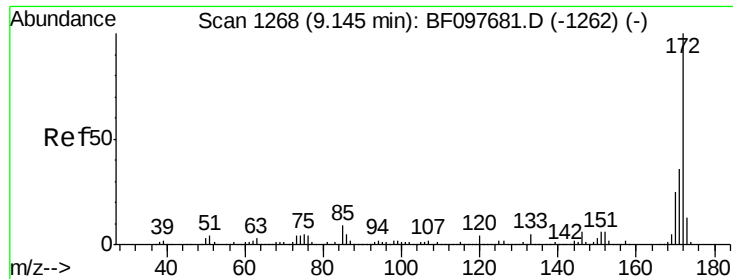
#41
 2,4,6-Tribromophenol
 Concen: 99.86 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

Tgt Ion:330 Resp: 129905
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 40.5 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

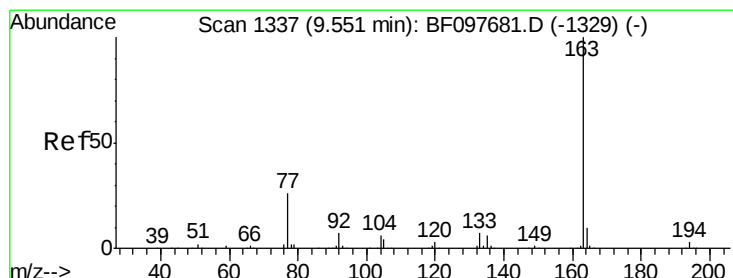
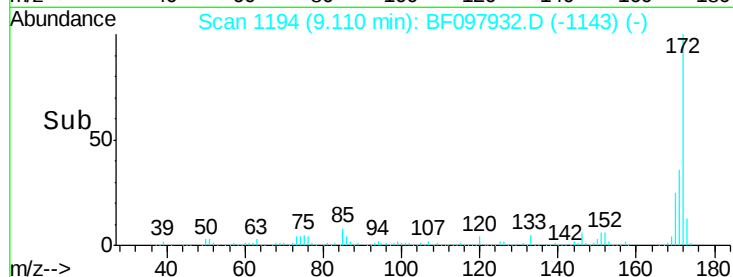
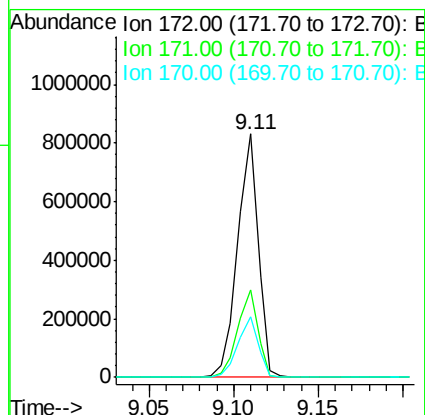
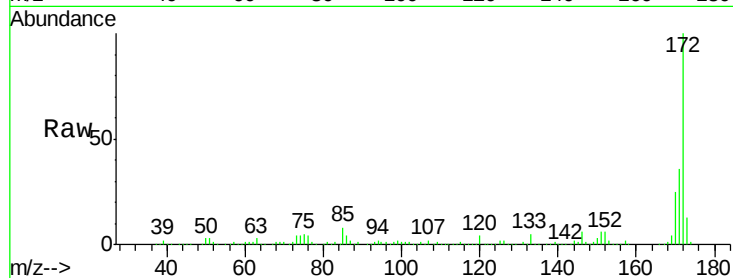




#44
 2-Fluorobiphenyl
 Concen: 69.55 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

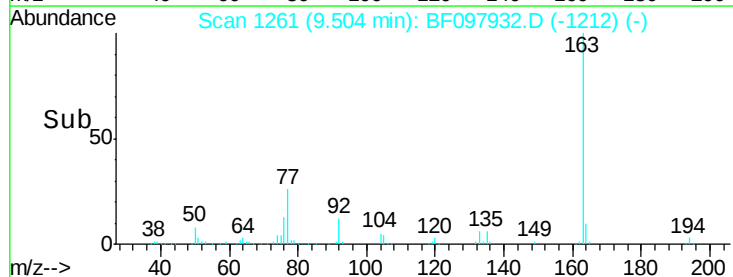
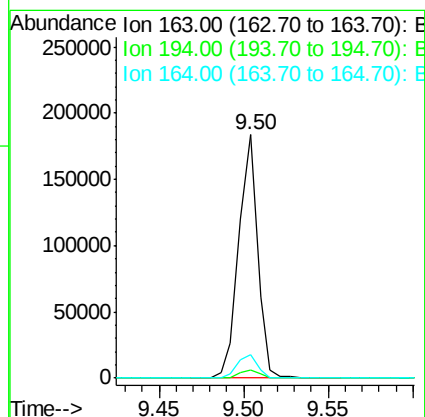
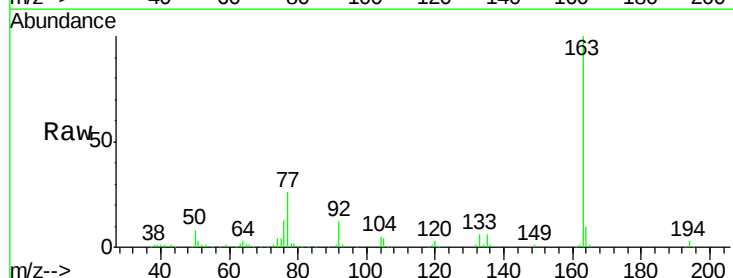
Instrument :
 BNA_F
 ClientSampled :
 RWB-10

Tot Ion:172 Resp: 709708
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.7 19.8 29.8



#49
 Dimethylphthalate
 Concen: 13.08 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

Tgt Ion:163 Resp: 143334
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.5 8.4 12.6

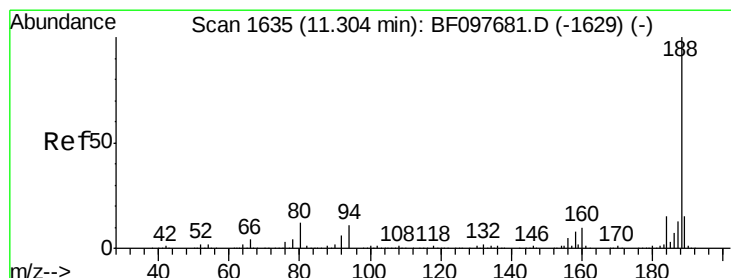
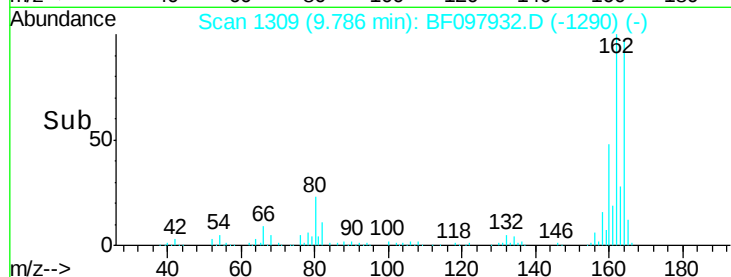
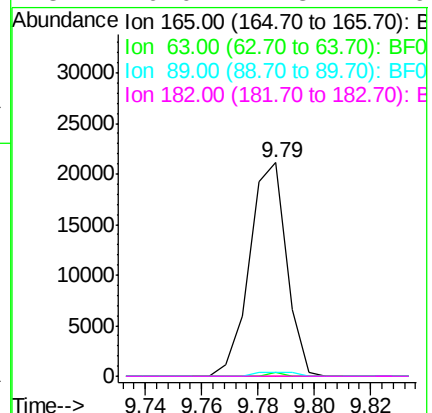
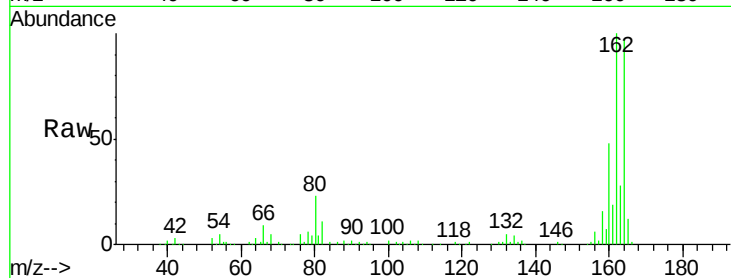




#56
 2,4-Dinitrotoluene
 Concen: 7.01 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.19 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

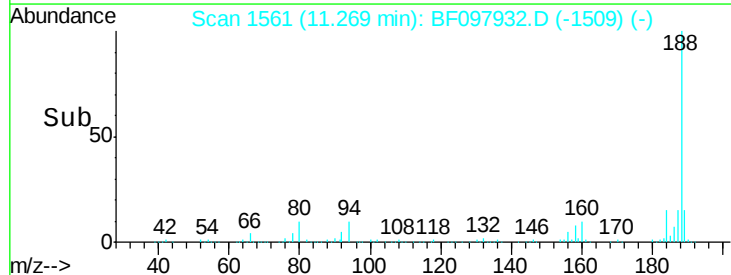
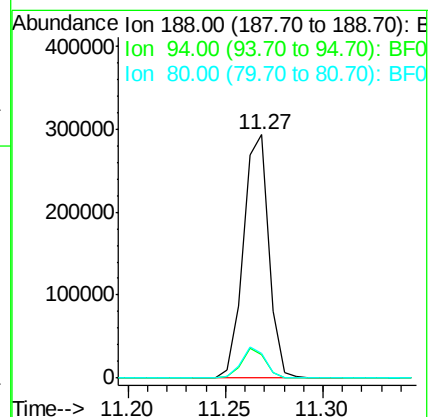
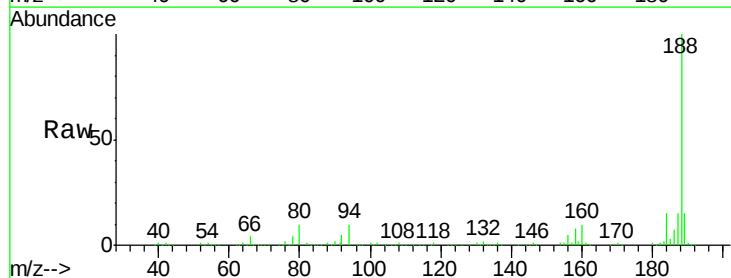
Instrument :
 BNA_F
 ClientSampleId :
 RWB-10

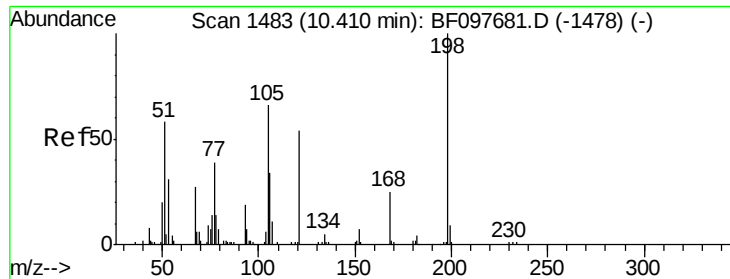
Tot Ion:	165	Resp:	19234
Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

Tgt Ion:	188	Resp:	264002
Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.3	10.2	15.2

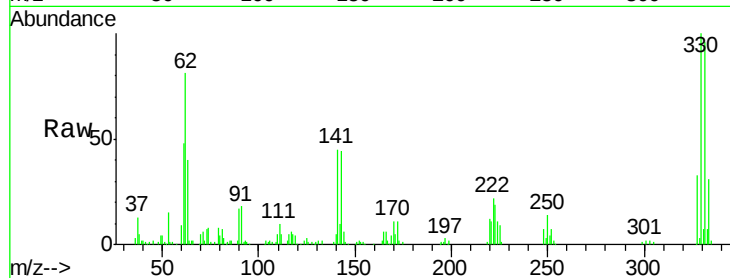




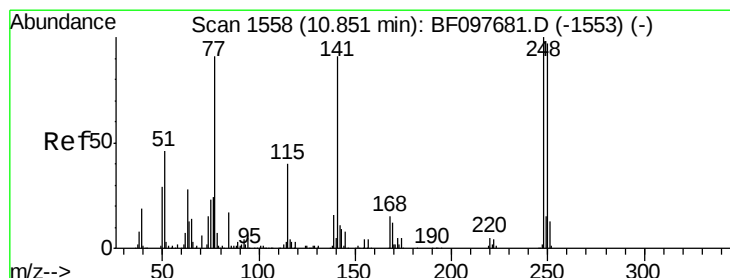
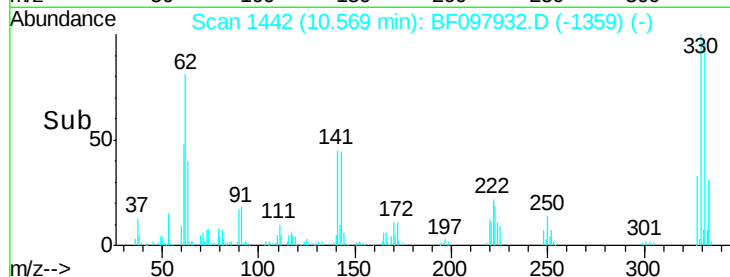
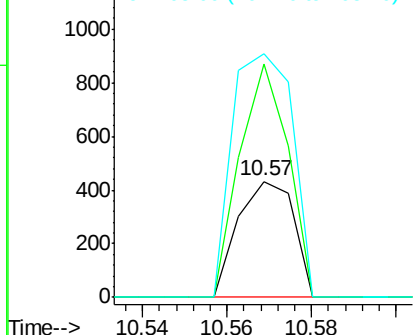
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.58 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

Instrument :
 BNA_F
 ClientSampleID :
 RWB-10

Tot Ion:198 Resp: 395
 Ion Ratio Lower Upper
 198 100
 51 201.9 53.2 93.2#
 105 210.2 45.8 85.8#

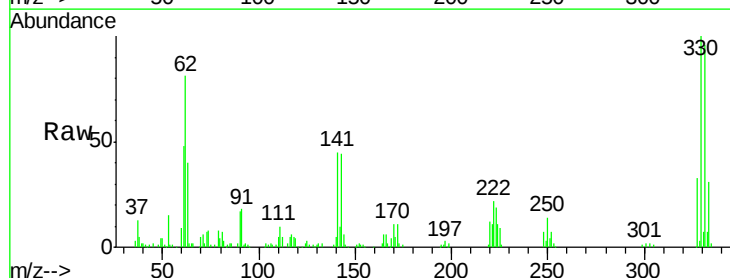


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

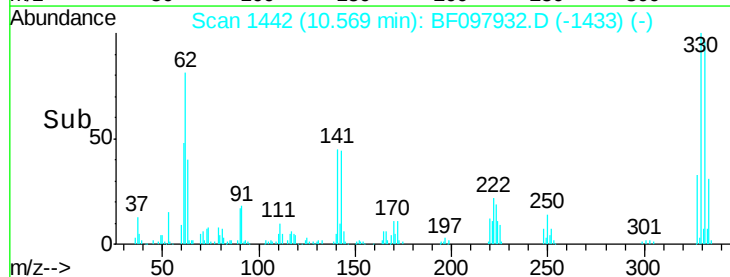
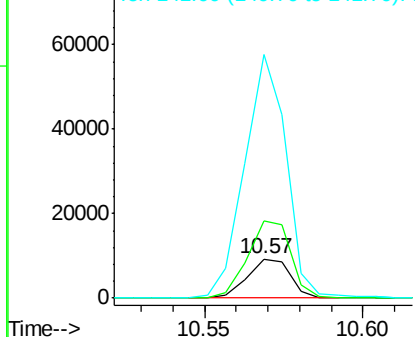


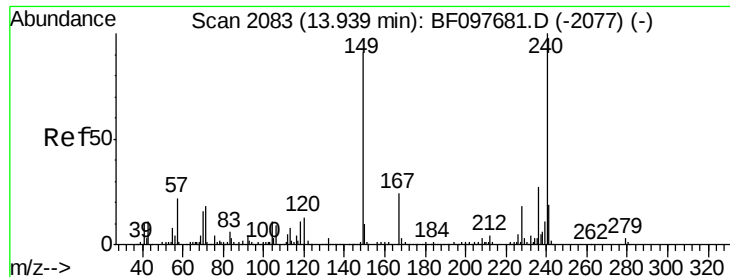
#66
 4-Bromophenyl-phenylether
 Concen: 3.18 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097932.D
 Acq: 22 Aug 2017 3:45

Tgt Ion:248 Resp: 8730
 Ion Ratio Lower Upper
 248 100
 250 197.7 76.8 115.2#
 141 619.6 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: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF097932.D

Acq: 22 Aug 2017 3:45

Instrument :

BNA_F

ClientSampleId :

RWB-10

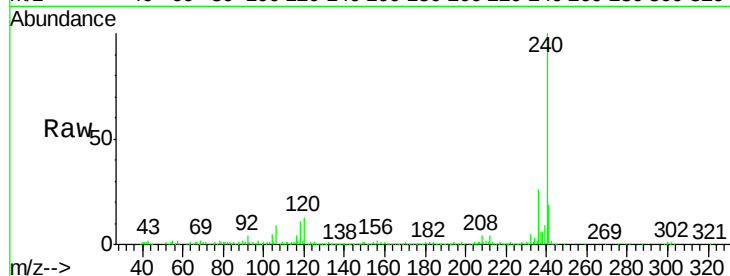
Tot Ion:240 Resp: 223493

Ion Ratio Lower Upper

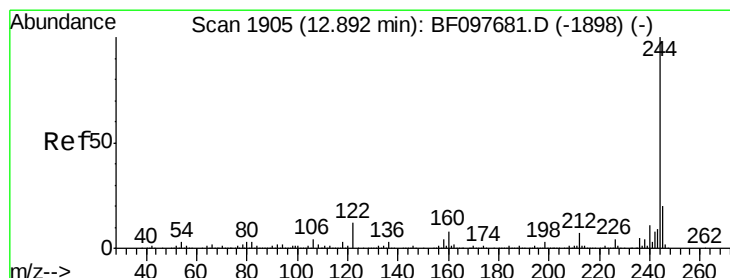
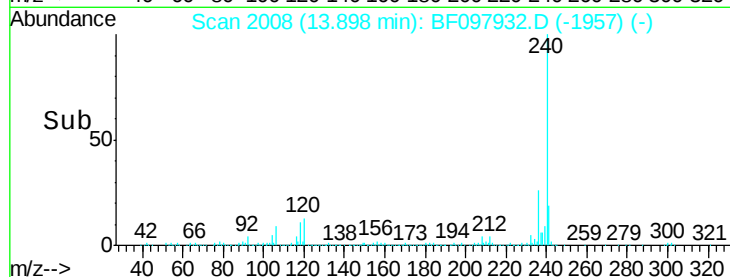
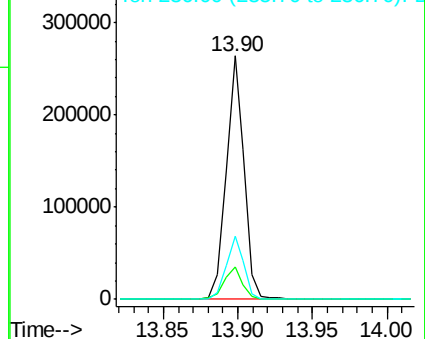
240 100

120 13.1 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: 46.46 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097932.D

Acq: 22 Aug 2017 3:45

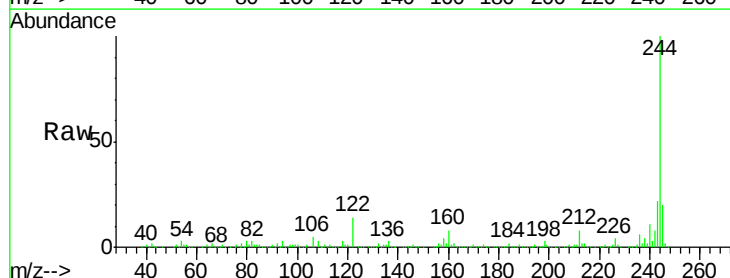
Tgt Ion:244 Resp: 497982

Ion Ratio Lower Upper

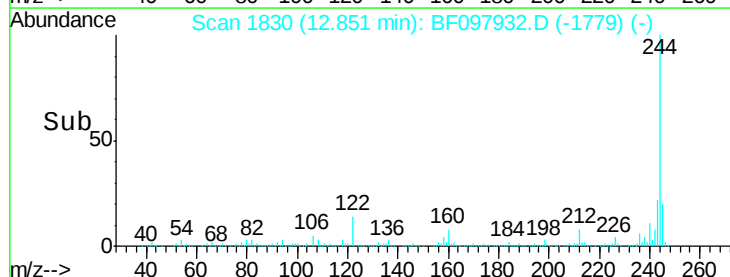
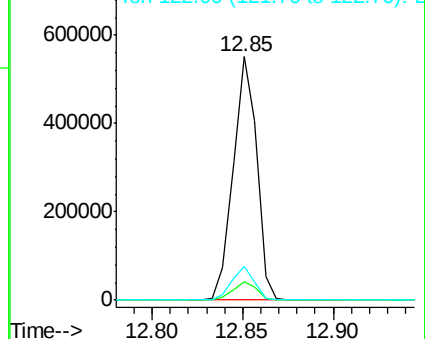
244 100

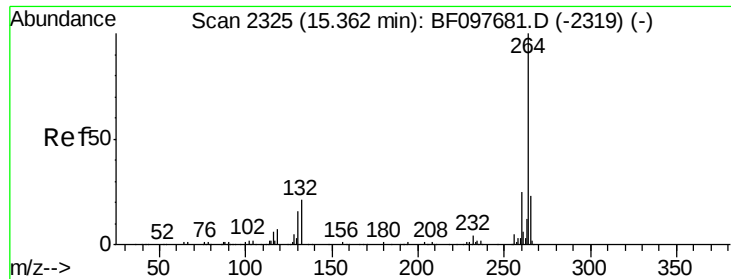
212 7.8 6.0 9.0

122 14.1 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: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097932.D
Acq: 22 Aug 2017 3:45

Instrument :
BNA_F
ClientSampleId :
RWB-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.8	17.2	25.8

