

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098828.D
 Acq On : 26 Sep 2017 13:21
 Operator : SJ/JU
 Sample : I5395-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:44:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

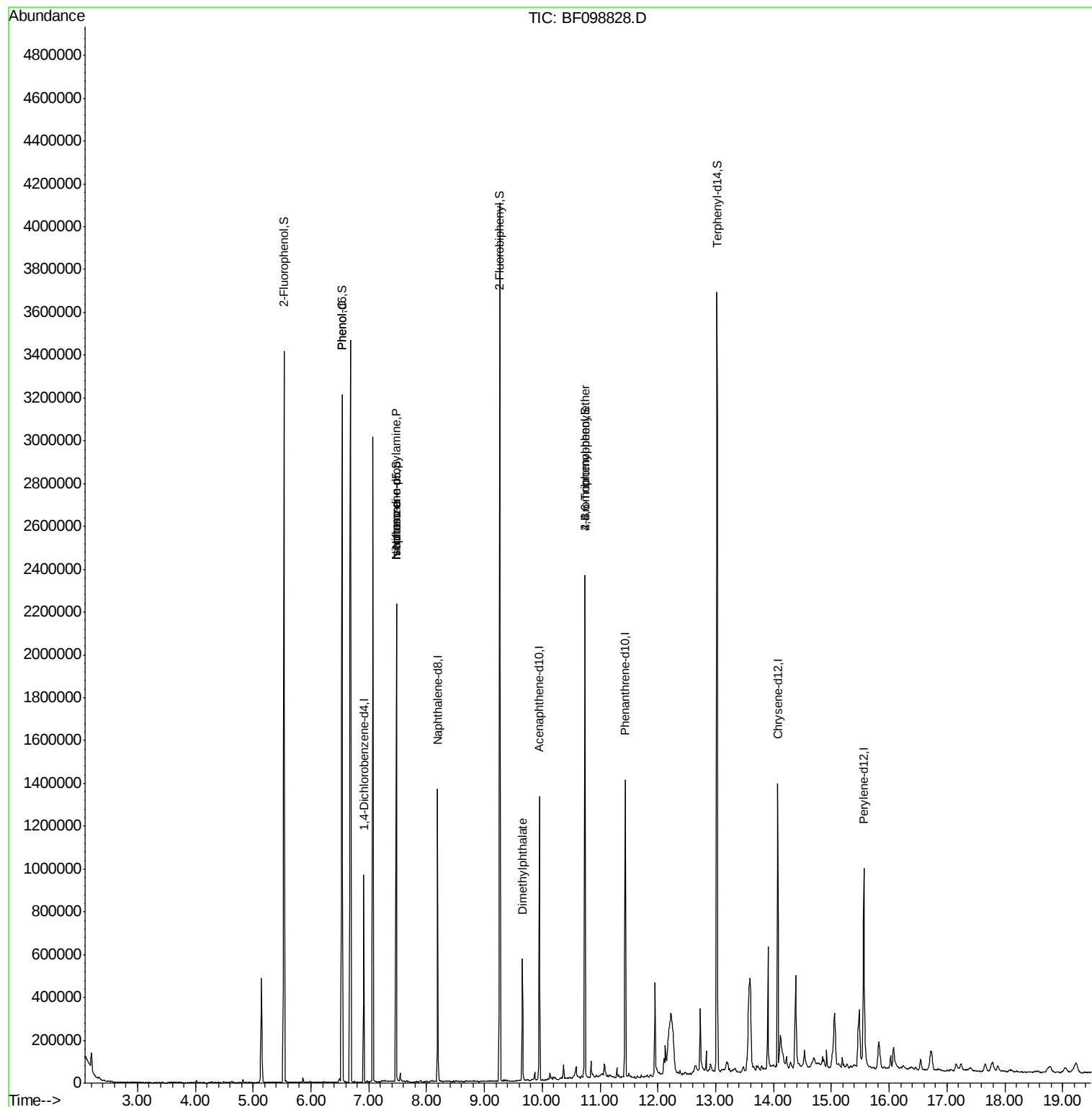
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	131422	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	561162	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	259427	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	475408	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	396773	20.00	ng	-0.01
86) Perylene-d12	15.56	264	360457	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1034435	125.30	ng	0.00
7) Phenol-d6	6.54	99	1249834	122.72	ng	0.00
23) Nitrobenzene-d5	7.47	82	741748	84.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	270392	127.37	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1299007	83.59	ng	-0.01
78) Terphenyl-d14	13.02	244	1277699	73.23	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	41205	3.62	ng	# 74
19) n-Nitroso-di-n-propylamine	7.47	70	97662	15.02	ng	# 77
25) Isophorone	7.47	82	741421	40.98	ng	# 64
49) Dimethylphthalate	9.66	163	198694	10.15	ng	98
66) 4-Bromophenyl-phenylether	10.74	248	18736	4.03	ng	# 1

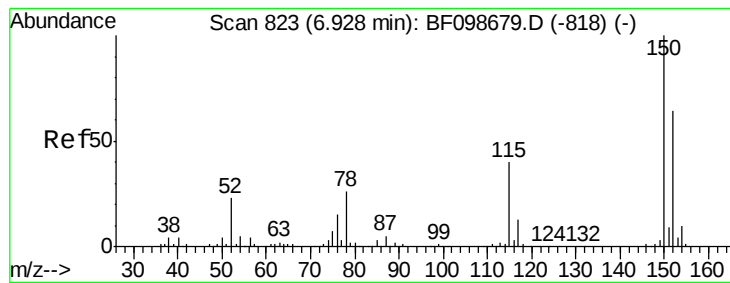
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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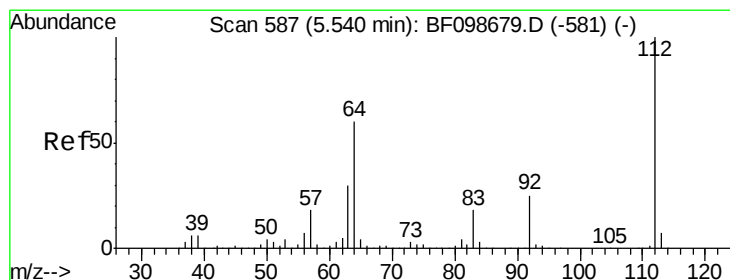
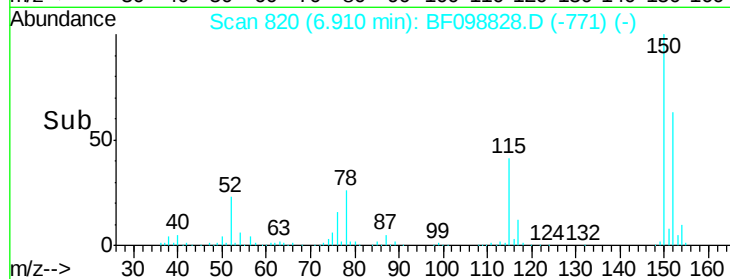
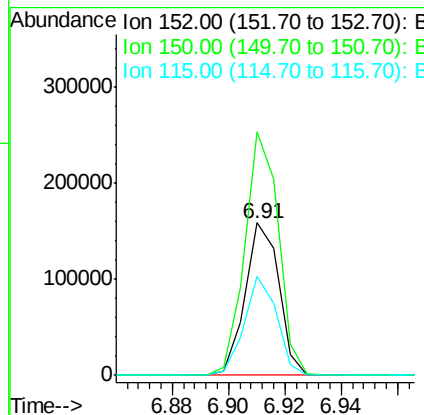
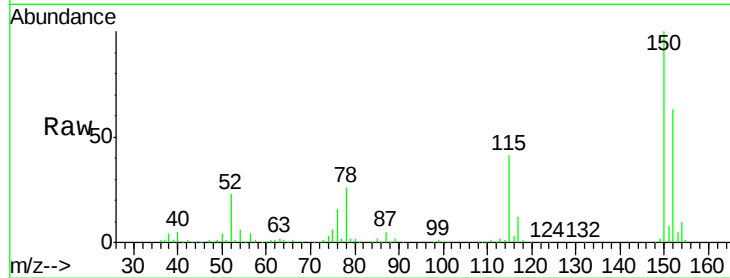


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098828.D
Acq: 26 Sep 2017 13:21

Instrument :
BNA_F
ClientSampleId :

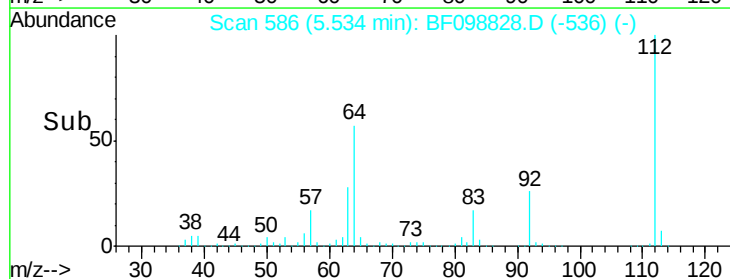
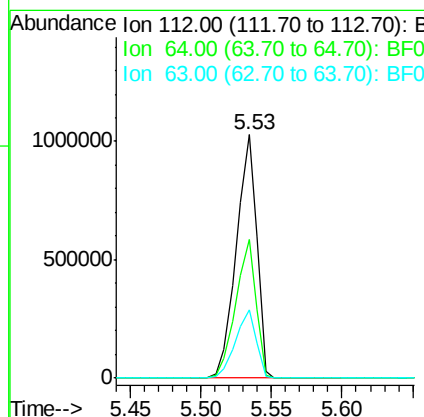
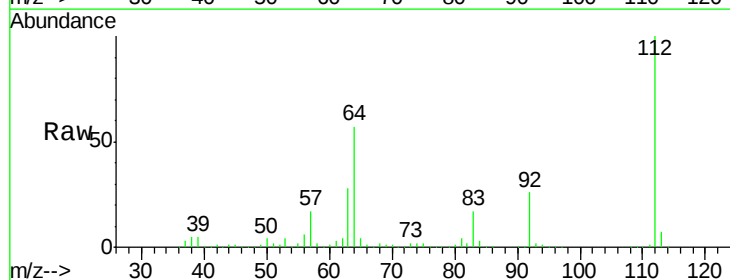
Tot Ion:152 Resp: 131422
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 64.8 50.1 75.1



#5

2-Fluorophenol
Concen: 125.30 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098828.D
Acq: 26 Sep 2017 13:21

Tgt Ion:112 Resp: 1034435
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 122.72 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098828.D

Acq: 26 Sep 2017 13:21

Instrument :

BNA_F

ClientSampleId :

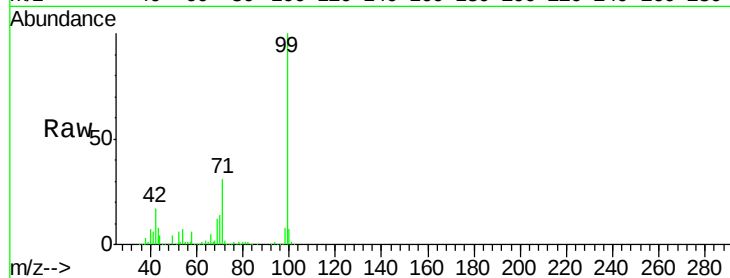
Tot Ion: 99 Resp: 1249834

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

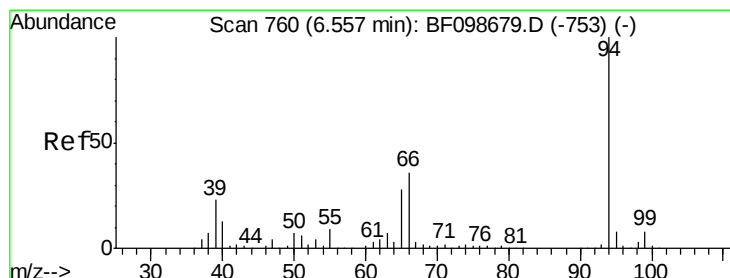
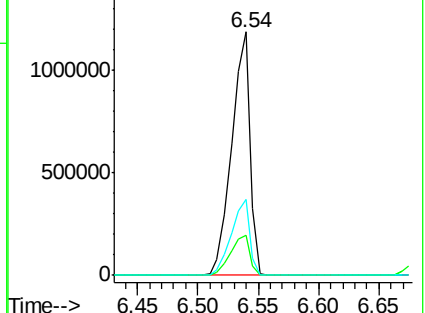
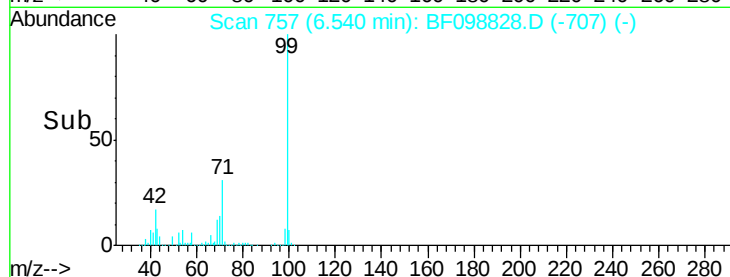
71 31.2 25.4 38.0



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: 3.62 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098828.D

Acq: 26 Sep 2017 13:21

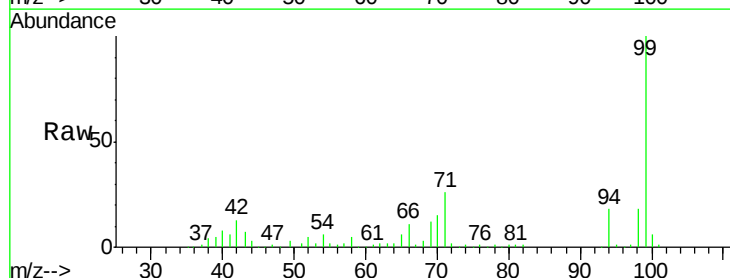
Tgt Ion: 94 Resp: 41205

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

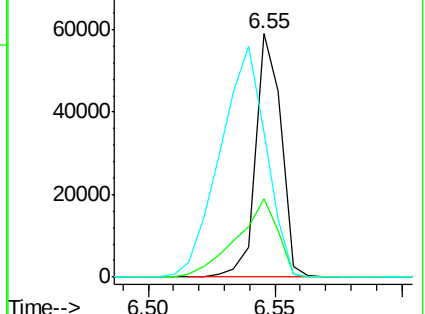
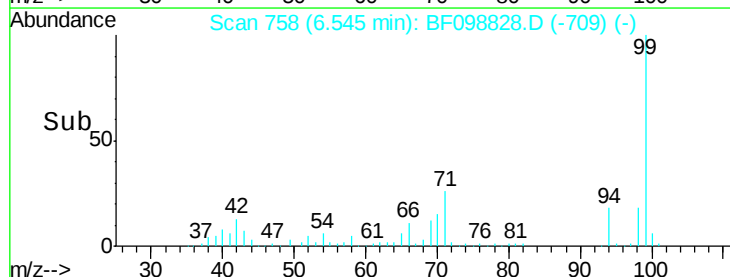
66 59.4 16.2 56.2#



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

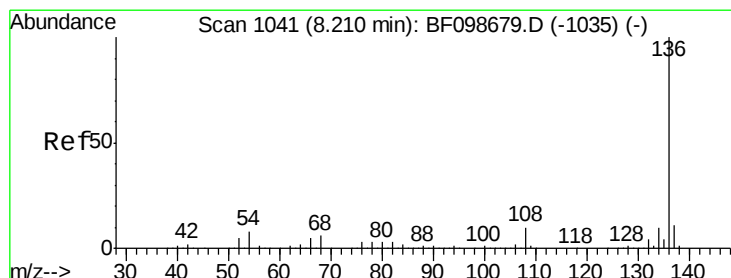
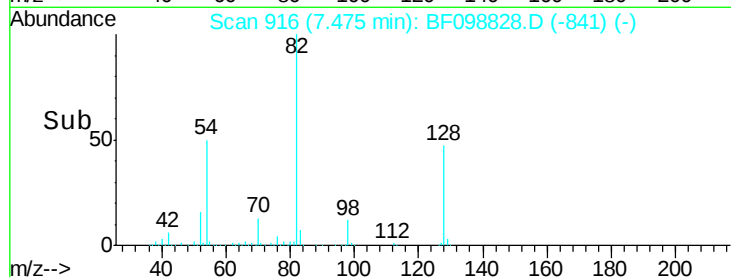
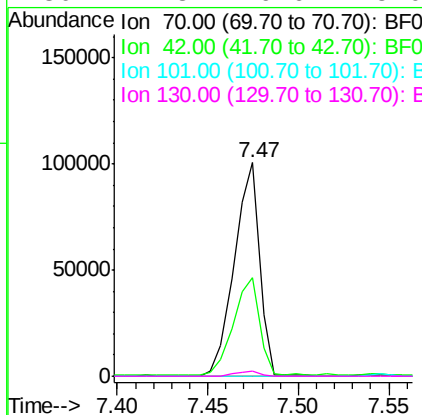
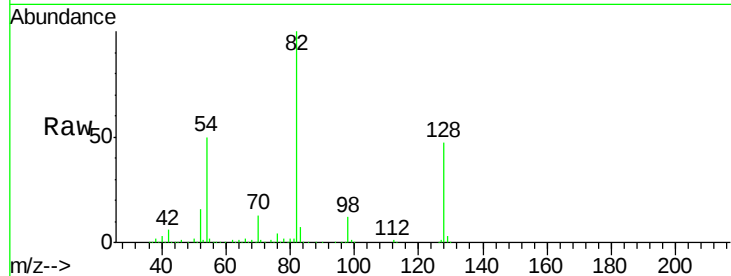




#19
n-Nitroso-di-n-propylamine
Concen: 15.02 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098828.D
Acq: 26 Sep 2017 13:21

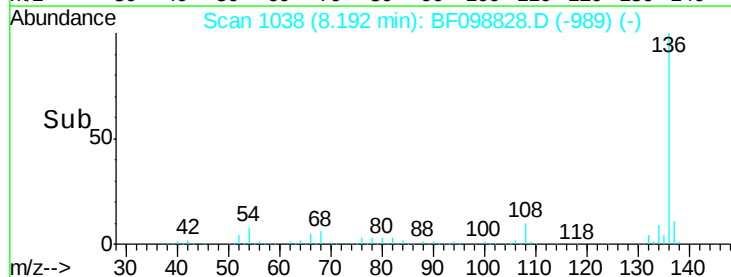
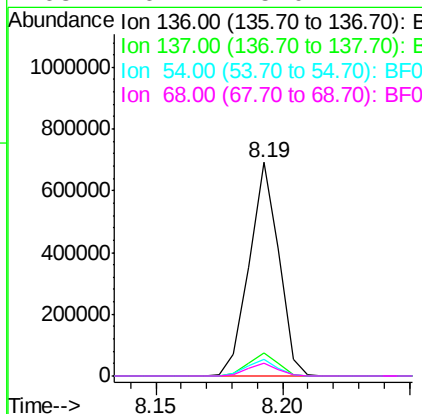
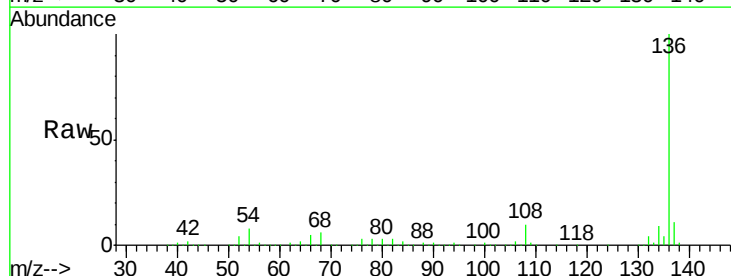
Instrument :
BNA_F
ClientSampleId :

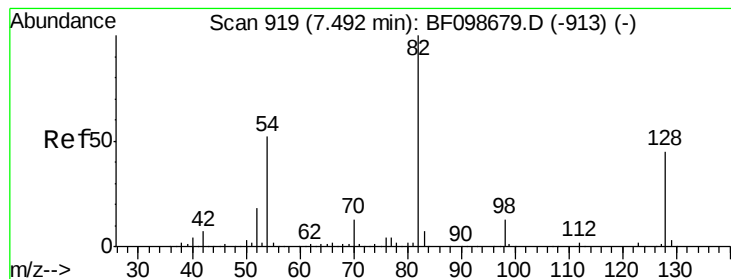
Tot Ion: 70 Resp: 97662
Ion Ratio Lower Upper
70 100
42 46.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098828.D
Acq: 26 Sep 2017 13:21

Tgt Ion:136 Resp: 561162
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 6.6 9.8
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.77 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098828.D

Acq: 26 Sep 2017 13:21

Instrument :

BNA_F

ClientSampleId :

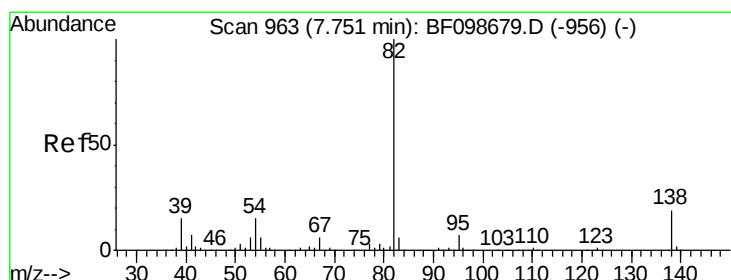
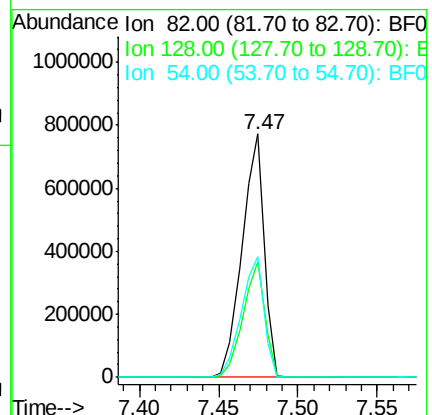
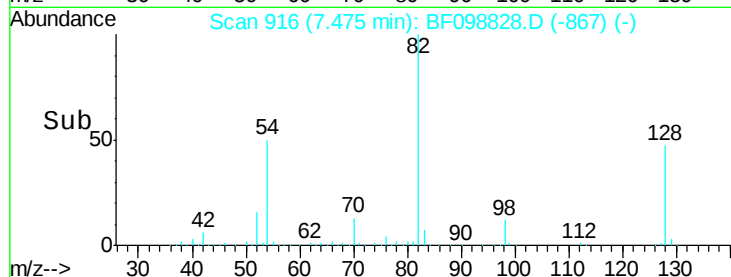
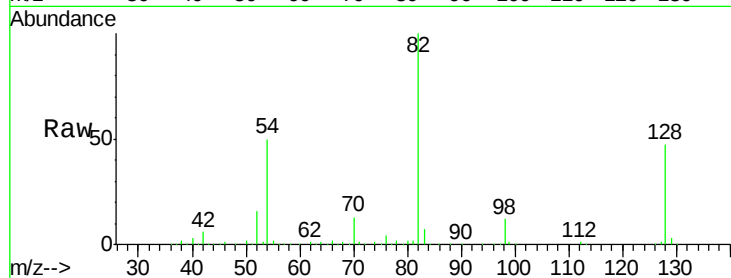
Tot Ion: 82 Resp: 741748

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

54 49.8 41.4 62.2



#25

Isophorone

Concen: 40.98 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098828.D

Acq: 26 Sep 2017 13:21

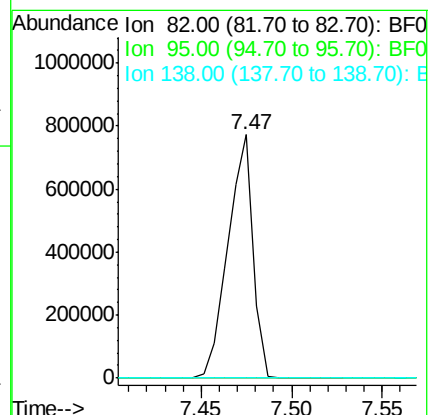
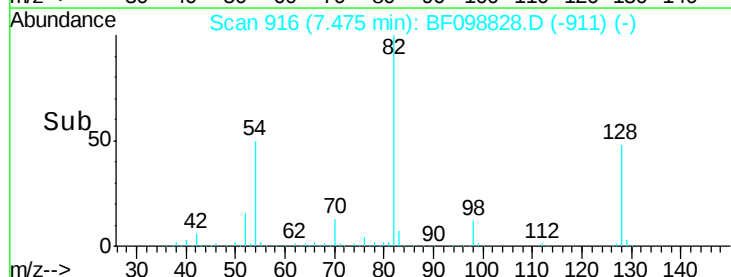
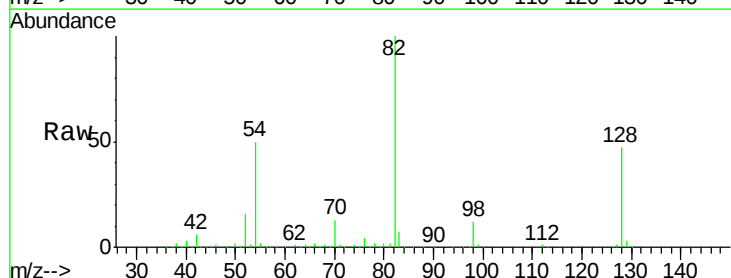
Tgt Ion: 82 Resp: 741421

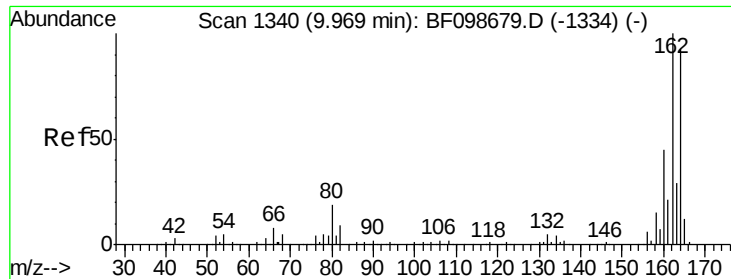
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

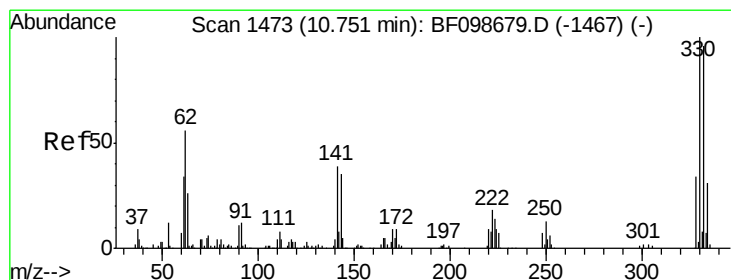
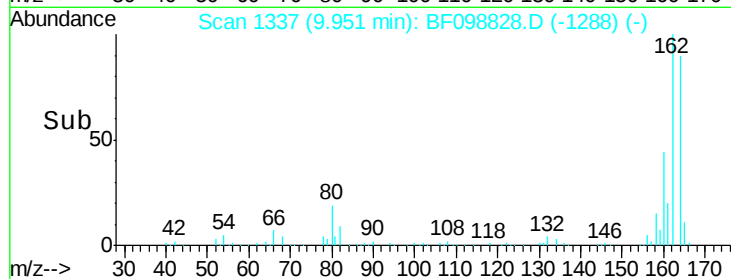
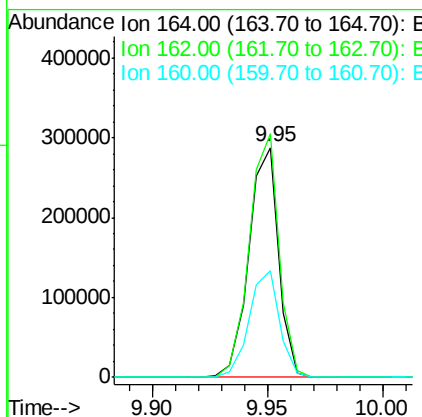
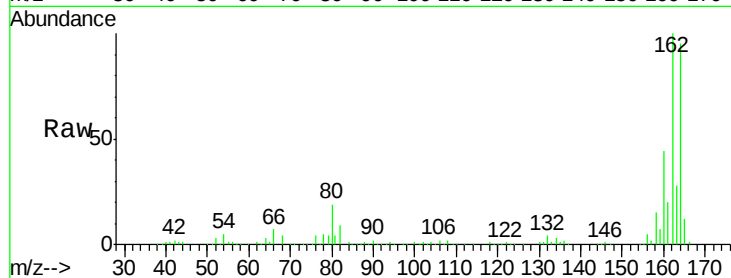




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098828.D
 Acq: 26 Sep 2017 13:21

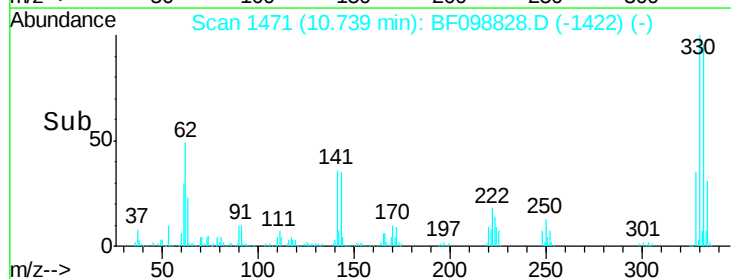
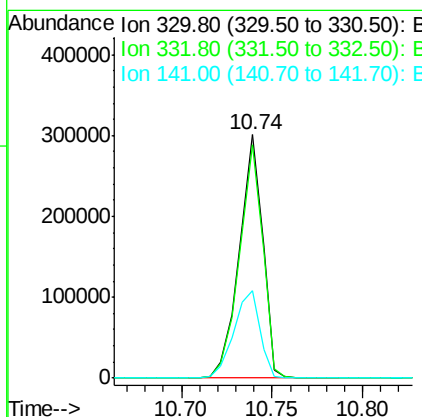
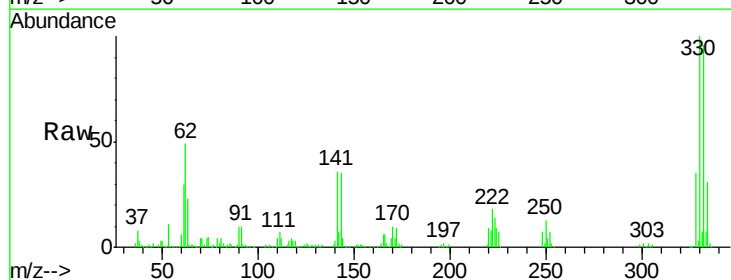
Instrument :
 BNA_F
 ClientSampleId :

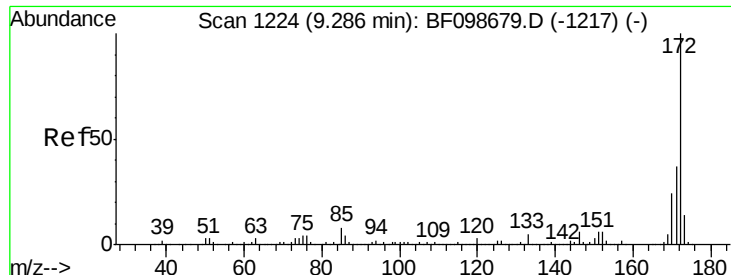
Tot Ion:164 Resp: 259427
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 46.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 127.37 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098828.D
 Acq: 26 Sep 2017 13:21

Tgt Ion:330 Resp: 270392
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 40.4 29.9 44.9



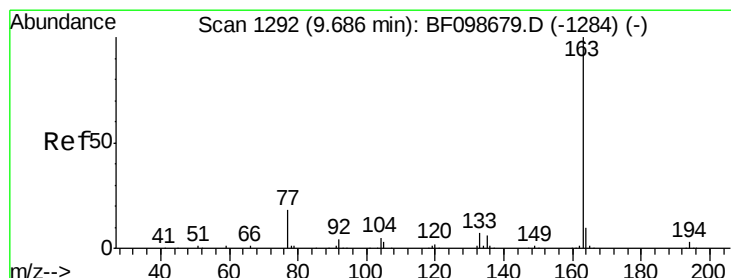
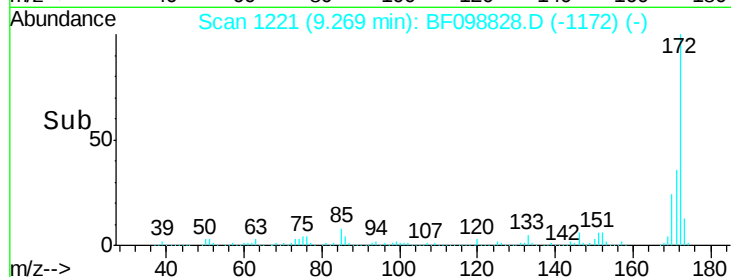
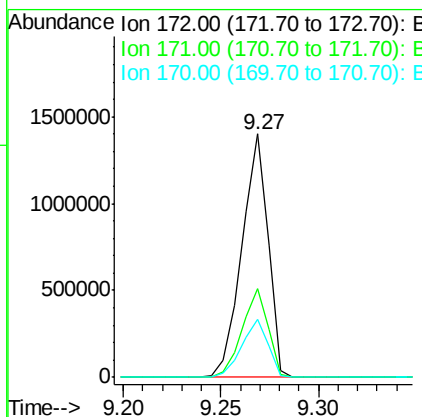
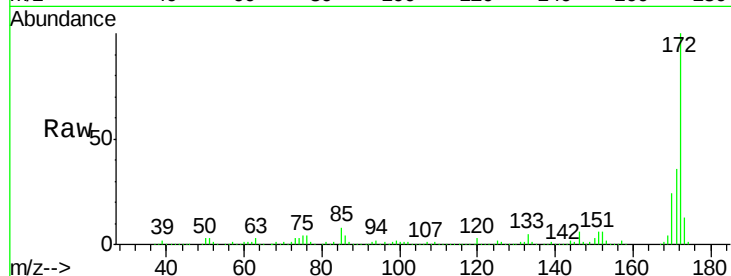


#44
 2-Fluorobiphenyl
 Concen: 83.59 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098828.D
 Acq: 26 Sep 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1299007

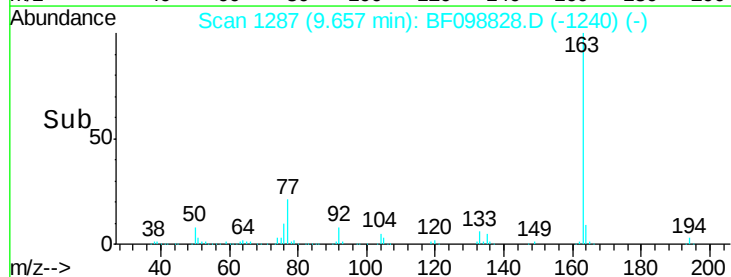
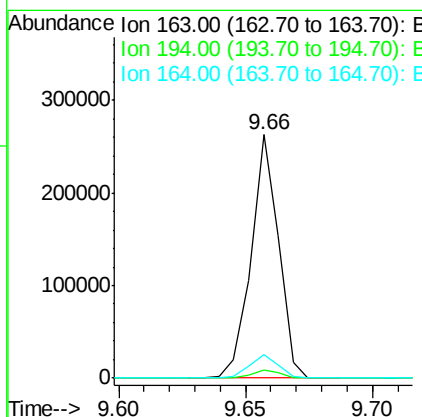
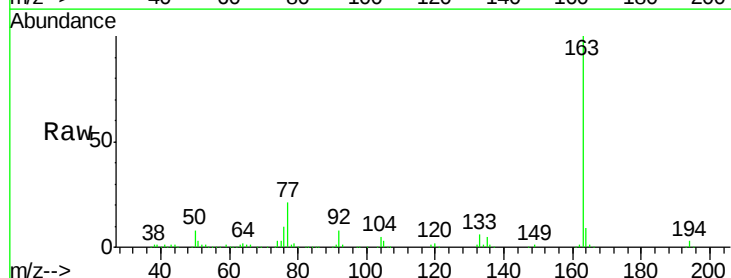
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

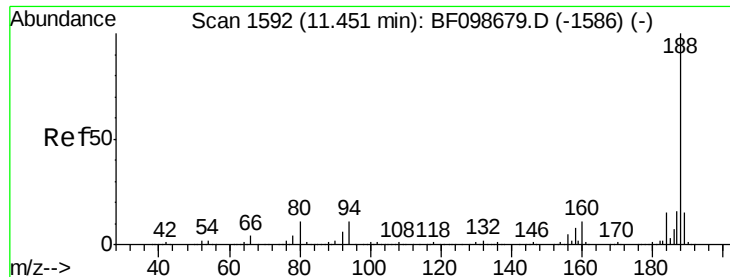


#49
 Dimethylphthalate
 Concen: 10.15 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098828.D
 Acq: 26 Sep 2017 13:21

Tgt Ion:163 Resp: 198694

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.5	8.2	12.2

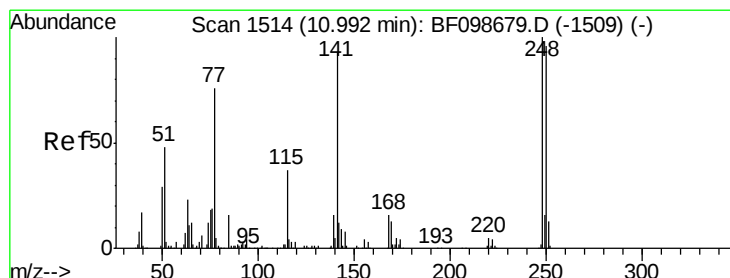
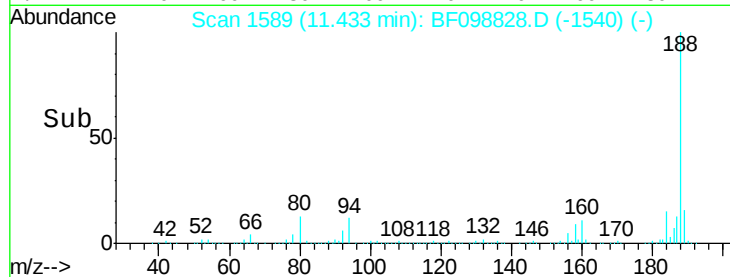
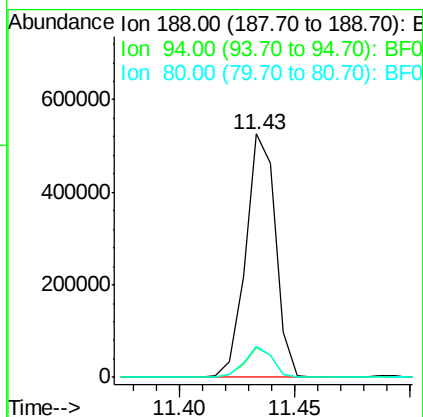
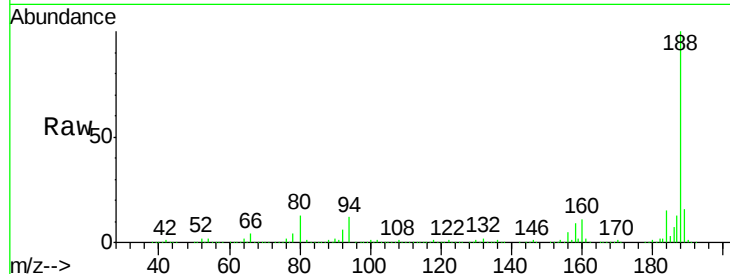




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098828.D
Acq: 26 Sep 2017 13:21

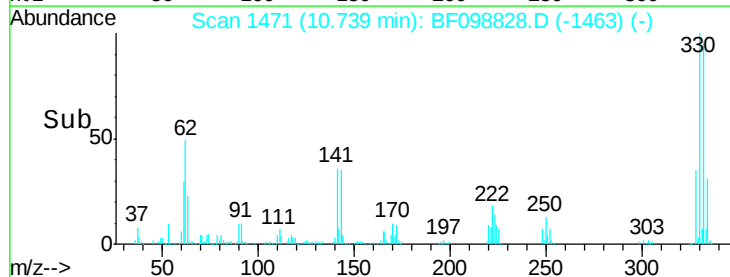
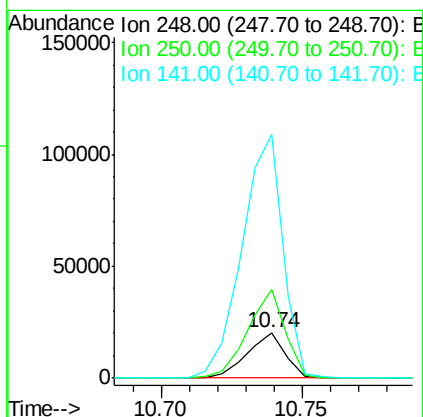
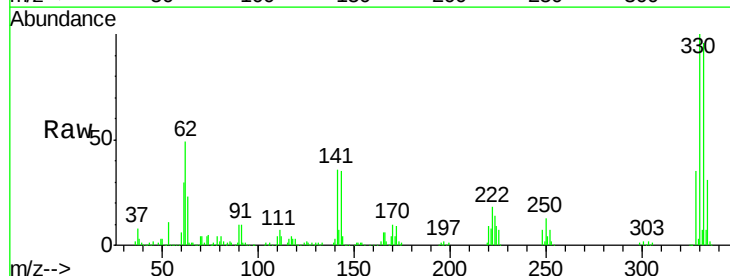
Instrument :
BNA_F
ClientSampleId :

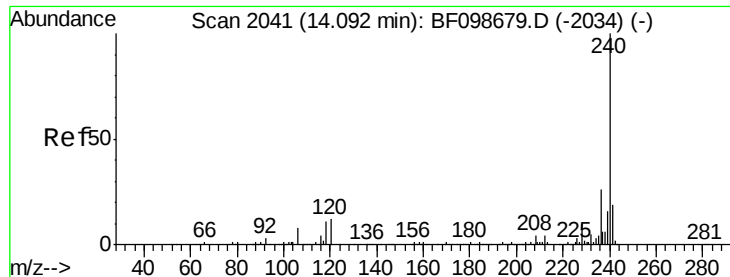
Tot Ion:188 Resp: 475408
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098828.D
Acq: 26 Sep 2017 13:21

Tgt Ion:248 Resp: 18736
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 534.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098828.D

Acq: 26 Sep 2017 13:21

Instrument :

BNA_F

ClientSampleId :

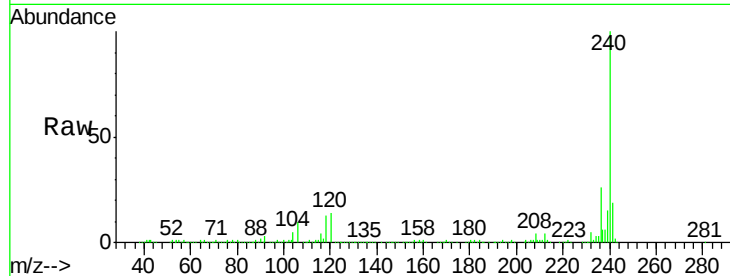
Tot Ion:240 Resp: 396773

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

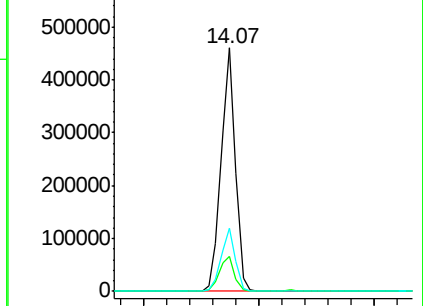
236 26.0 20.7 31.1



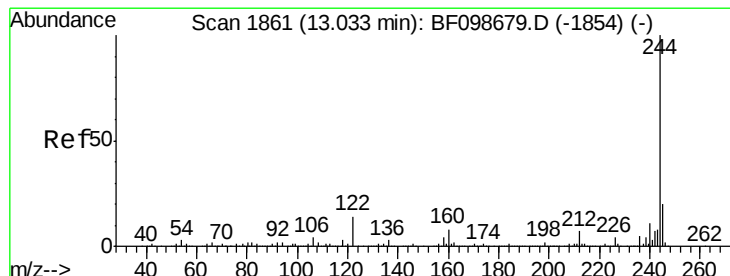
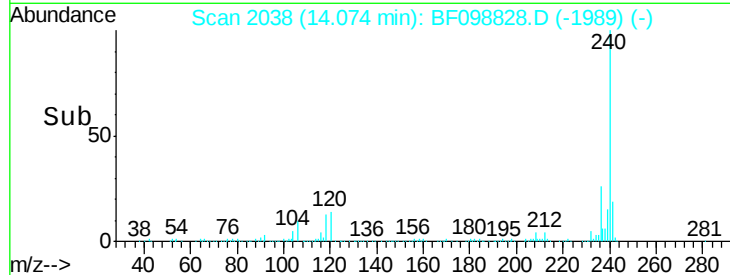
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 73.23 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098828.D

Acq: 26 Sep 2017 13:21

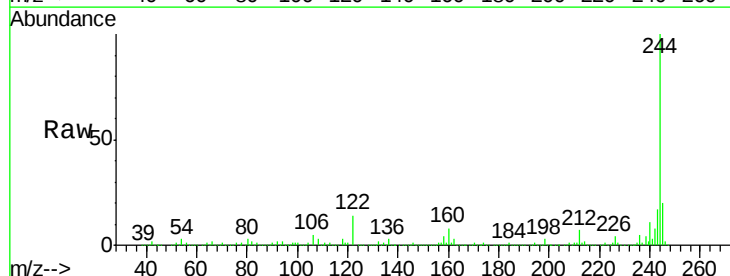
Tgt Ion:244 Resp: 1277699

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

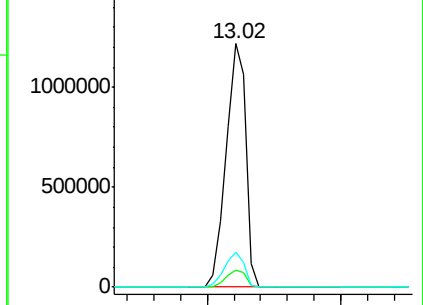
122 14.5 11.0 16.4



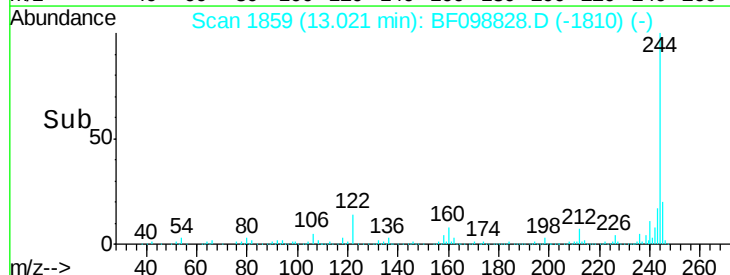
Abundance Ion 244.00 (243.70 to 244.70): E

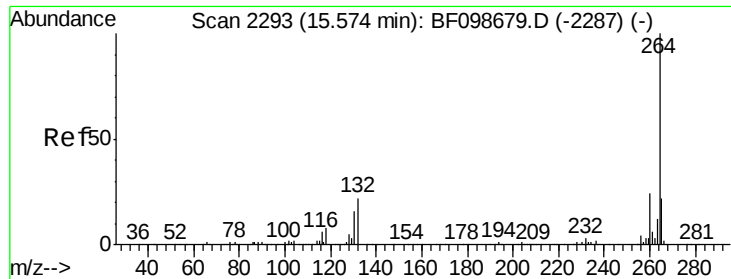
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF098828.D
 Acq: 26 Sep 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3

